

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056013.D
 Acq On : 5 Jun 2019 17:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:23:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	351680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	515483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	204316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	173752	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	160698	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	10.09	98	611428	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	206610	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	185585	48.049	ug/l	100
3) Chloromethane	2.06	50	189289	49.653	ug/l	99
4) Vinyl Chloride	2.18	62	194948	50.980	ug/l	99
5) Bromomethane	2.53	94	121968	50.492	ug/l	100
6) Chloroethane	2.68	64	112828	50.889	ug/l	100
7) Trichlorofluoromethane	3.00	101	239806	49.123	ug/l	99
8) Diethyl Ether	3.40	74	99272	49.449	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	149281	50.340	ug/l	99
10) Methyl Iodide	3.94	142	234662	49.795	ug/l	98
11) Tert butyl alcohol	4.82	59	166195	273.498	ug/l	99
12) 1,1-Dichloroethene	3.72	96	150395	50.941	ug/l	94
13) Acrolein	3.60	56	38398	219.098	ug/l	100
14) Allyl chloride	4.31	41	236107	50.647	ug/l	99
15) Acrylonitrile	4.99	53	401618	271.506	ug/l	100
16) Acetone	3.82	43	403317	241.498	ug/l	99
17) Carbon Disulfide	4.04	76	345119	48.822	ug/l	100
18) Methyl Acetate	4.33	43	175228	53.455	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	481181	51.132	ug/l	98
20) Methylene Chloride	4.54	84	169754	49.337	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	159126	50.304	ug/l	96
22) Diisopropyl ether	5.95	45	483358	50.158	ug/l	98
23) Vinyl Acetate	5.89	43	2034054	268.029	ug/l	99
24) 1,1-Dichloroethane	5.84	63	277374	49.898	ug/l	99
25) 2-Butanone	6.84	43	561783	266.239	ug/l	98
26) 2,2-Dichloropropane	6.82	77	217323	50.102	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	186807	50.239	ug/l	97
28) Bromochloromethane	7.19	49	132573	50.432	ug/l	96
29) Tetrahydrofuran	7.22	42	349459	267.925	ug/l	99
30) Chloroform	7.37	83	280445	50.151	ug/l	99
31) Cyclohexane	7.65	56	261879	47.263	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	235001	50.325	ug/l	99
36) 1,1-Dichloropropene	7.79	75	213108	48.079	ug/l	99
37) Ethyl Acetate	6.93	43	211501	53.629	ug/l	100
38) Carbon Tetrachloride	7.77	117	200818	49.142	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	267924	48.523	ug/l	98
40) Benzene	8.04	78	668651	49.668	ug/l	99
41) Methacrylonitrile	7.17	41	94006	51.808	ug/l	89
42) 1,2-Dichloroethane	8.12	62	205340	47.419	ug/l	99
43) Isopropyl Acetate	8.17	43	334201	52.294	ug/l	92
44) Trichloroethene	8.83	130	188203	48.652	ug/l	100
45) 1,2-Dichloropropane	9.12	63	172066	49.899	ug/l	99
46) Dibromomethane	9.21	93	112481	49.883	ug/l	98
47) Bromodichloromethane	9.40	83	208776	51.085	ug/l	98
48) Methyl methacrylate	9.20	41	160597	51.366	ug/l	96
49) 1,4-Dioxane	9.20	88	73433	1087.918	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1044435	261.338	ug/l	99
52) Toluene	10.15	92	423717	50.581	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	227009	47.503	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	262954	53.528	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	168499	50.779	ug/l	98
56) Ethyl methacrylate	10.43	69	256631	53.012	ug/l	98
57) 1,3-Dichloropropane	10.71	76	276182	51.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	455519	238.079	ug/l	98
59) 2-Hexanone	10.75	43	743602	256.719	ug/l	98
60) Dibromochloromethane	10.90	129	173012	47.408	ug/l	100
61) 1,2-Dibromoethane	11.00	107	177123	52.213	ug/l	99
64) Tetrachloroethene	10.63	164	186425	46.894	ug/l	98
65) Chlorobenzene	11.43	112	451465	49.393	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	165980	52.592	ug/l	98
67) Ethyl Benzene	11.51	91	787719	49.563	ug/l	99
68) m/p-Xylenes	11.62	106	607188	100.007	ug/l	98
69) o-Xylene	11.95	106	298174	49.927	ug/l	98
70) Styrene	11.96	104	493052	51.960	ug/l	99
71) Bromoform	12.13	173	124429	47.127	ug/l #	100
73) Isopropylbenzene	12.25	105	775586	53.420	ug/l	100
74) N-amyl acetate	12.07	43	272632	50.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	231307	48.767	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	273816	72.833	ug/l #	100
77) Bromobenzene	12.53	156	208147	47.583	ug/l	97
78) n-propylbenzene	12.59	91	830213	48.031	ug/l	100
79) 2-Chlorotoluene	12.67	91	499462	52.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	637308	46.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	62560	55.416	ug/l	95
82) 4-Chlorotoluene	12.77	91	483016	47.764	ug/l	99
83) tert-Butylbenzene	12.99	119	559078	52.594	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	625075	47.982	ug/l	99
85) sec-Butylbenzene	13.17	105	721833	47.156	ug/l	100
86) p-Isopropyltoluene	13.29	119	659355	48.129	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	332934	49.176	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	316248	48.559	ug/l	100
89) n-Butylbenzene	13.61	91	502179	49.483	ug/l	99
90) Hexachloroethane	13.87	117	102163	49.449	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	325386	47.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36110	53.228	ug/l	95

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

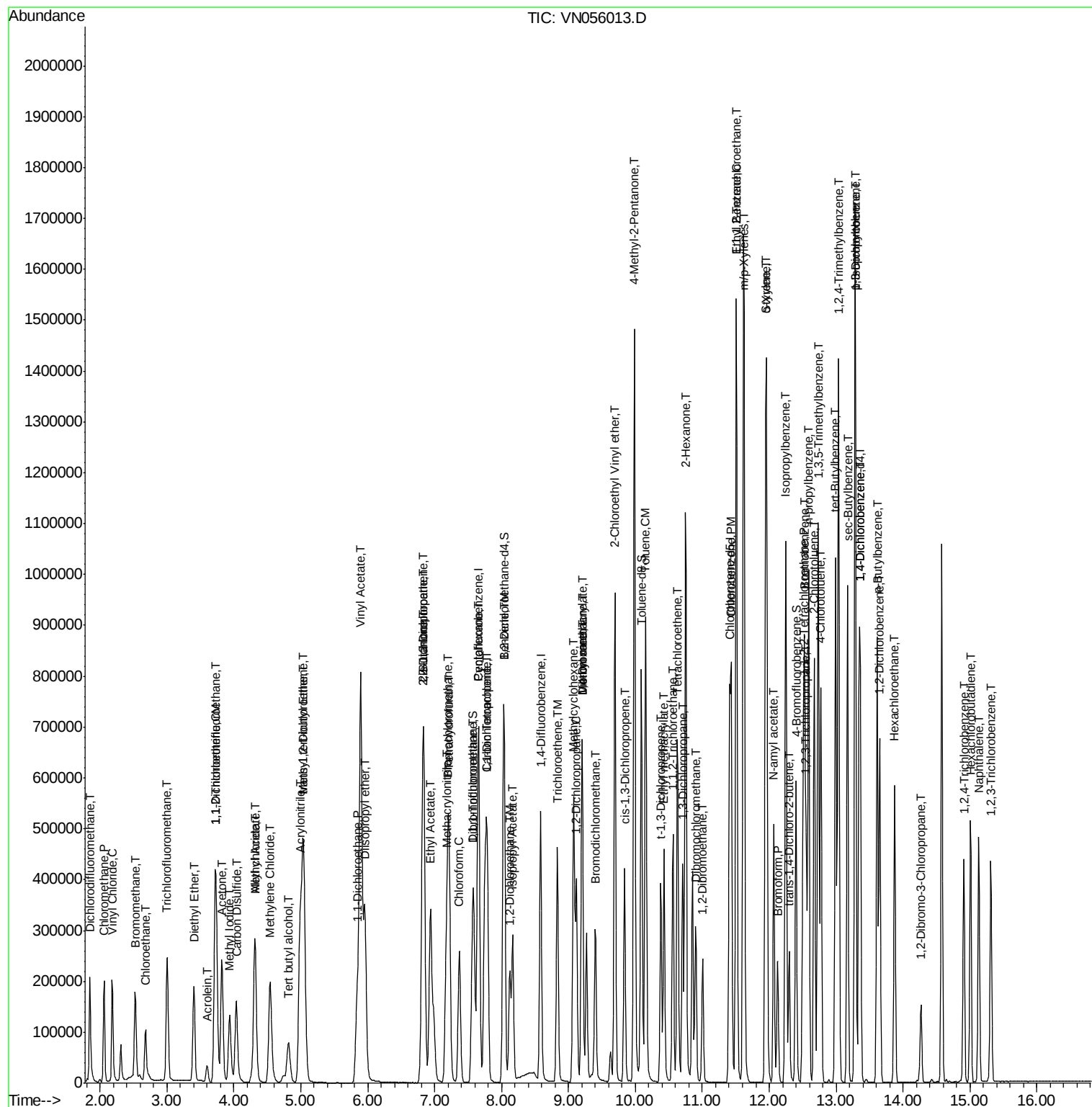
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	162620	43.756	ug/l	99
94) Hexachlorobutadiene	15.01	225	116560	49.707	ug/l	98
95) Naphthalene	15.13	128	440986	45.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	173810	45.564	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

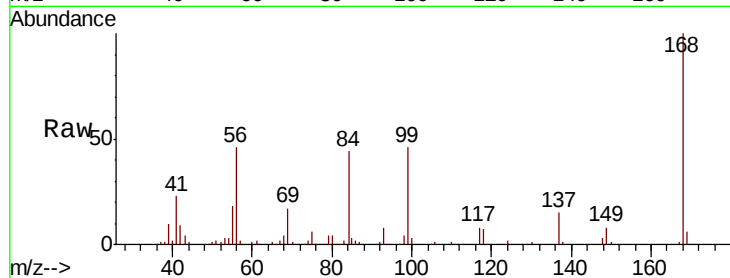
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 351680

Ion Ratio Lower Upper

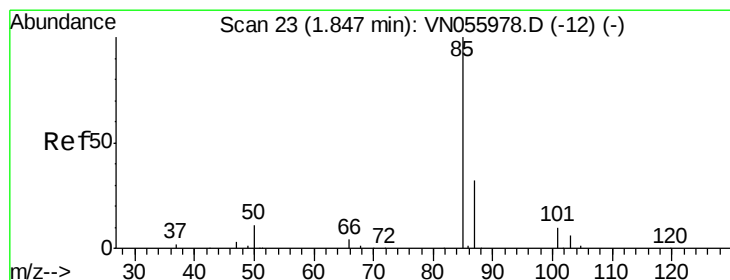
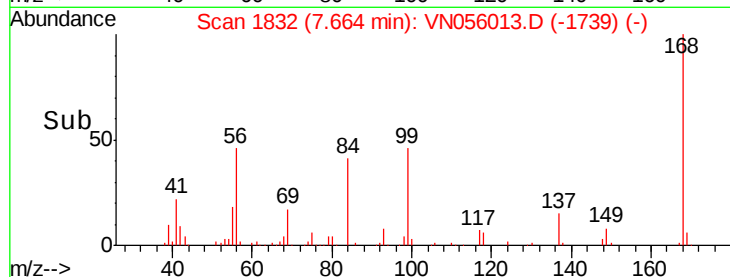
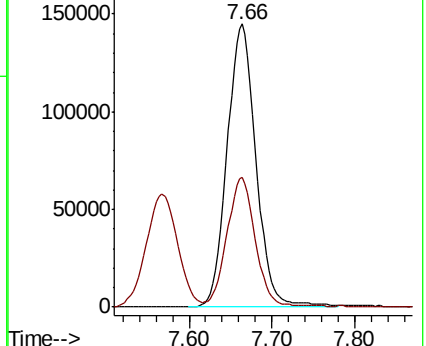
168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.049 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056013.D

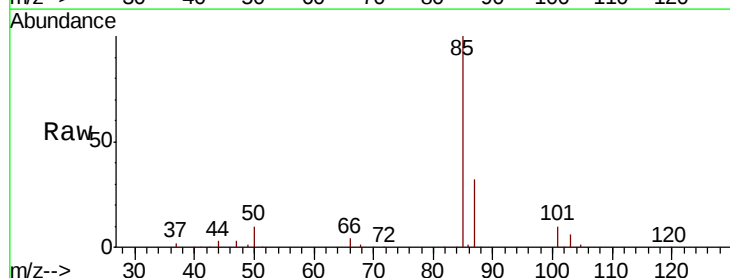
Acq: 5 Jun 2019 17:13

Tgt Ion: 85 Resp: 185585

Ion Ratio Lower Upper

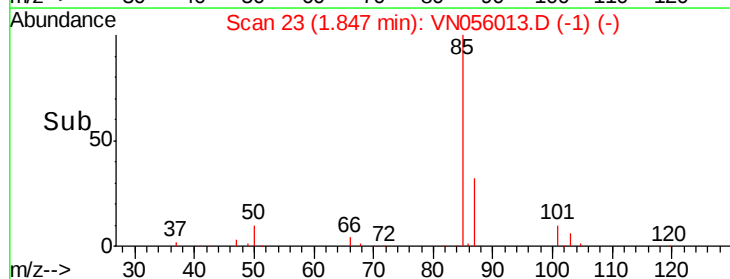
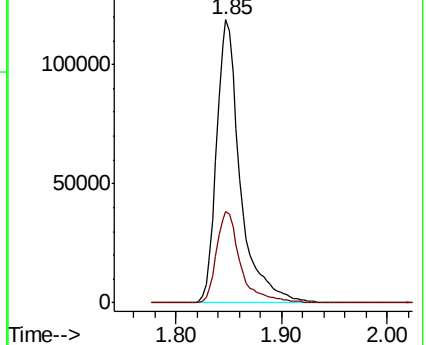
85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.653 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

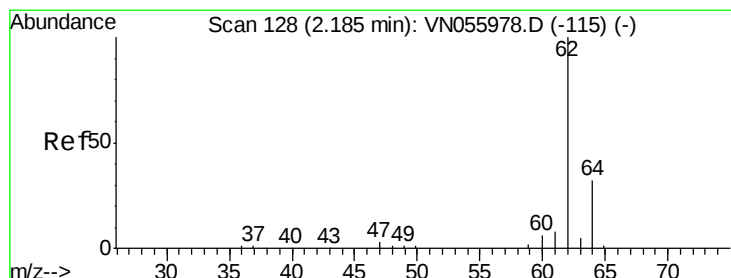
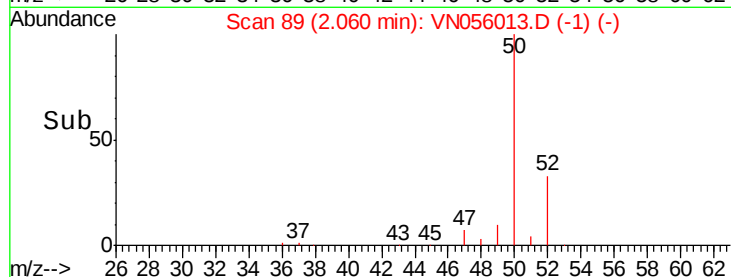
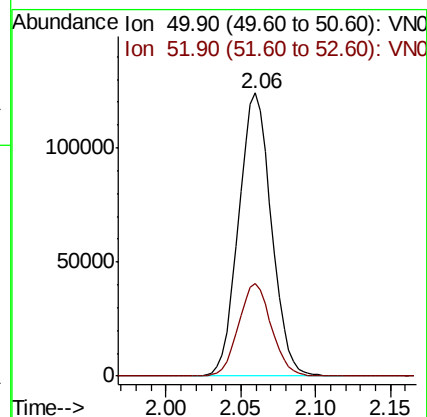
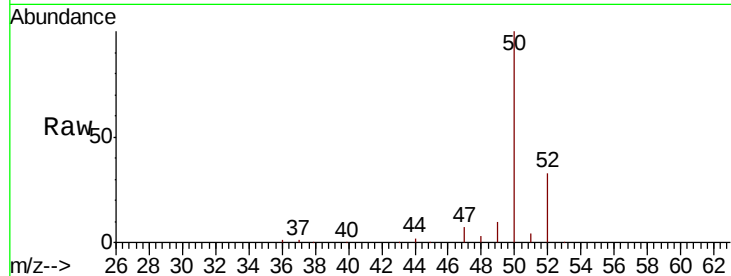
ClientSampled :

Tot Ion: 50 Resp: 189289

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 50.980 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056013.D

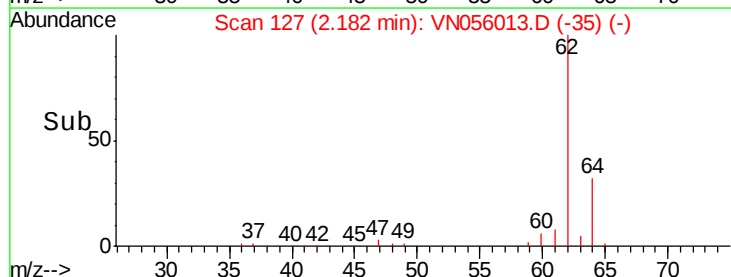
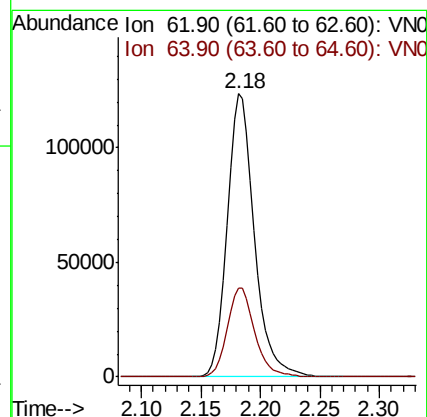
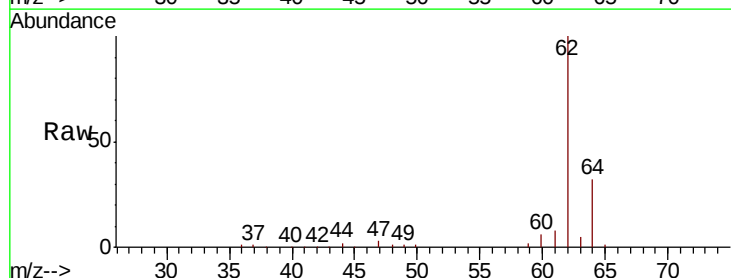
Acq: 5 Jun 2019 17:13

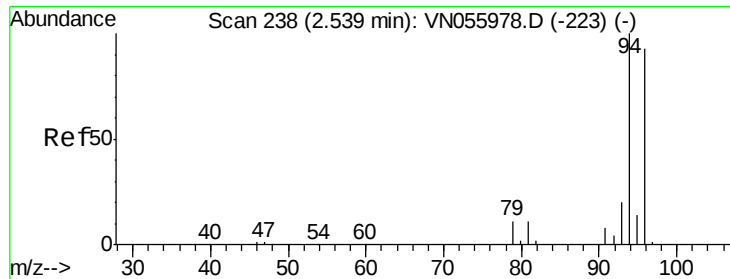
Tgt Ion: 62 Resp: 194948

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4

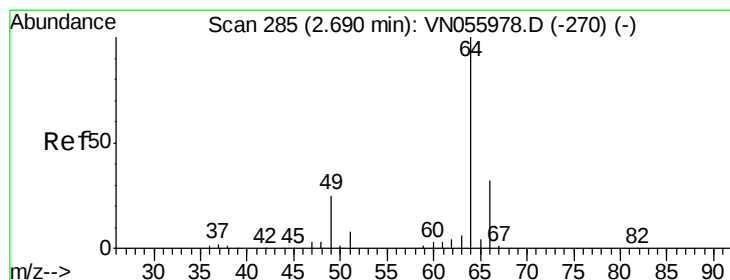
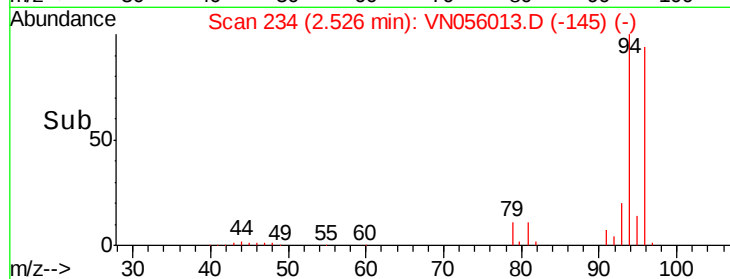
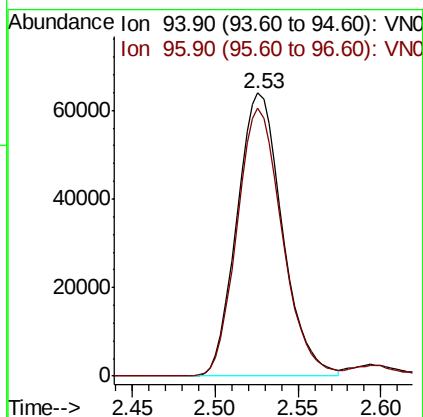
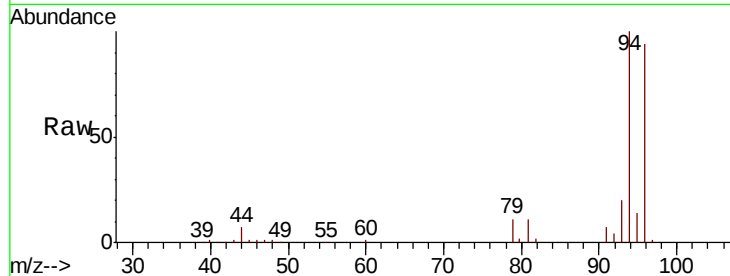




#5
Bromomethane
Concen: 50.492 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

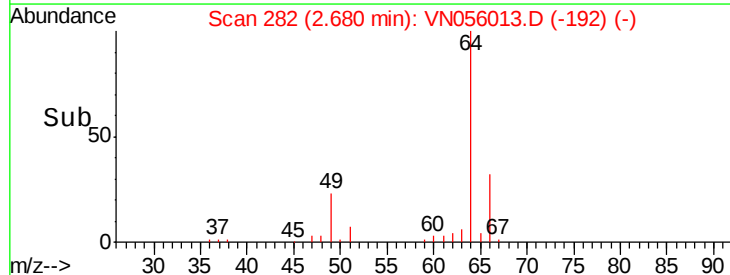
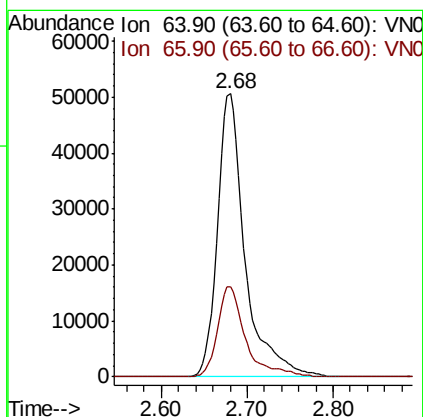
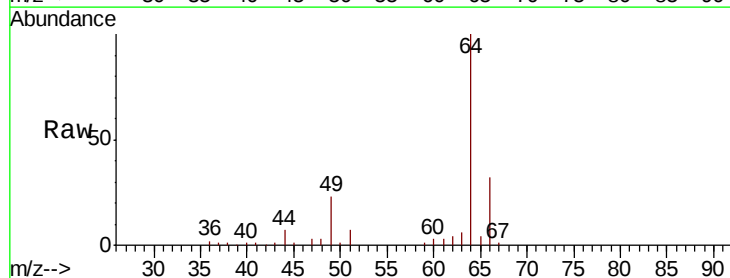
Instrument :
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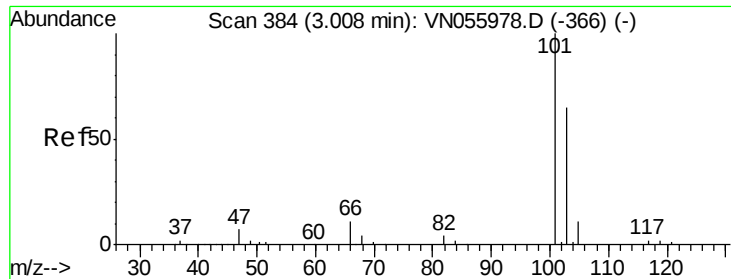
Tot Ion: 94 Resp: 121968
Ion Ratio Lower Upper
94 100
96 94.5 75.5 113.3



#6
Chloroethane
Concen: 50.889 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 64 Resp: 112828
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.0



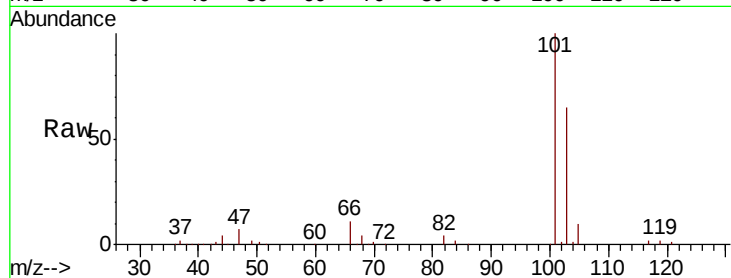


#7

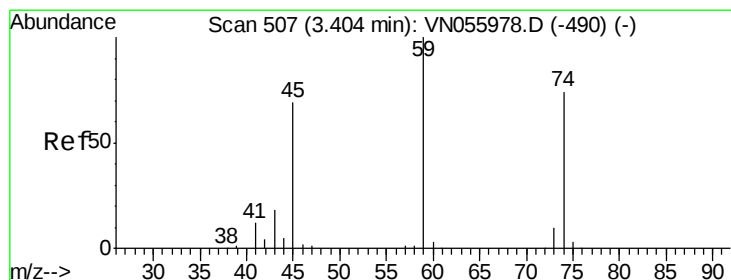
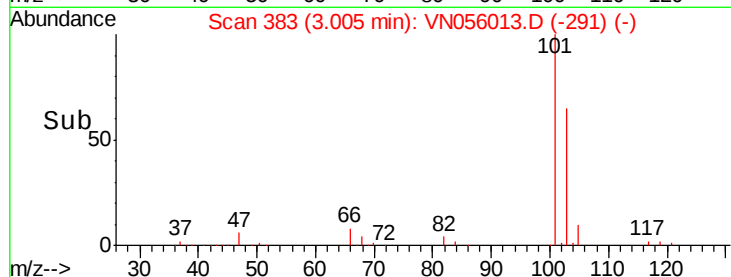
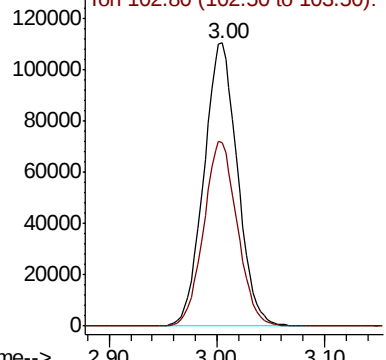
Trichlorofluoromethane
Concen: 49.123 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 239806
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8



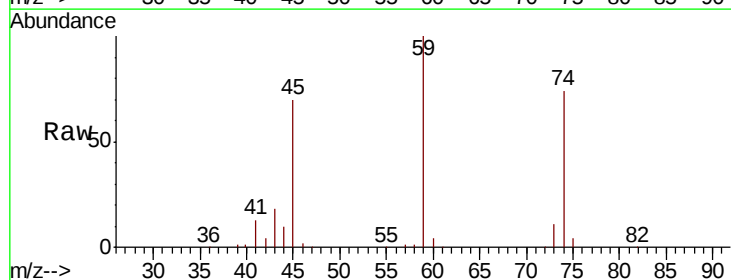
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



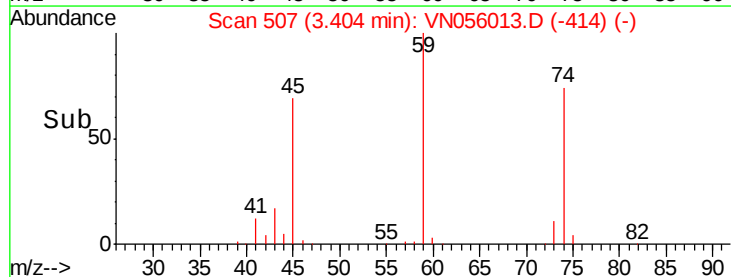
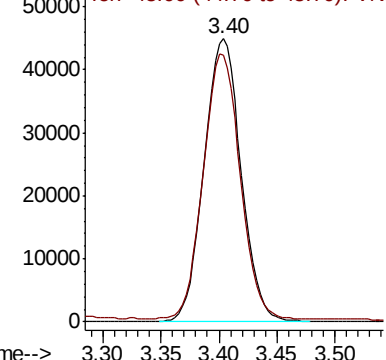
#8

Diethyl Ether
Concen: 49.449 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 74 Resp: 99272
Ion Ratio Lower Upper
74 100
45 92.9 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.340 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

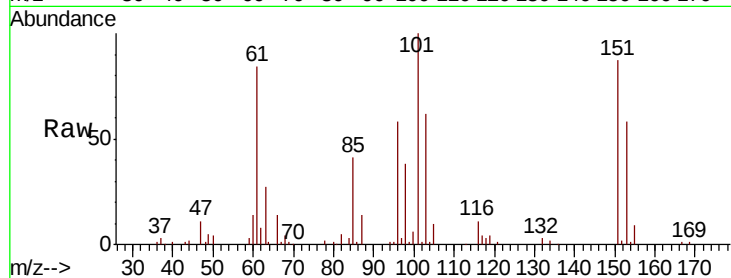
Tot Ion:101 Resp: 149281

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

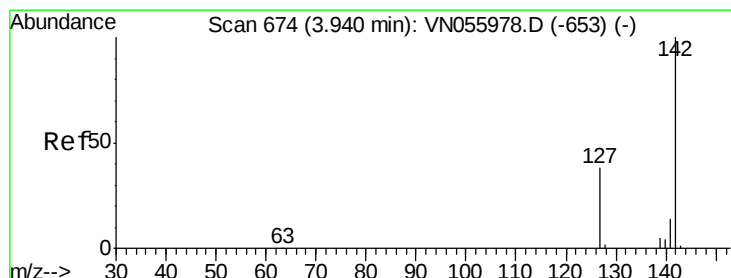
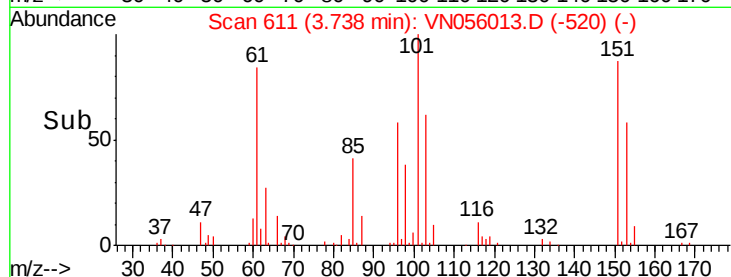
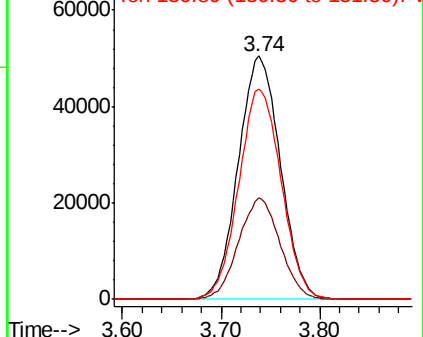
151 87.4 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.795 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

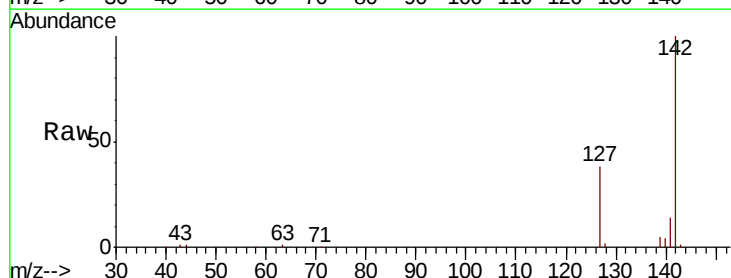
Tgt Ion:142 Resp: 234662

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

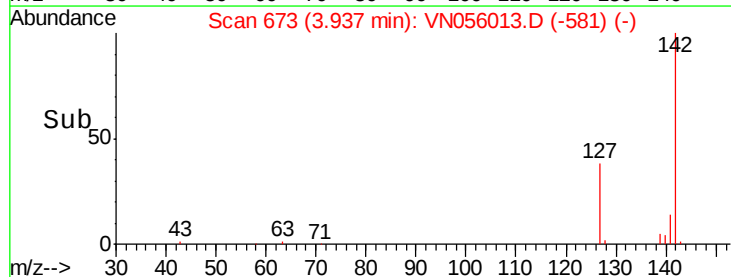
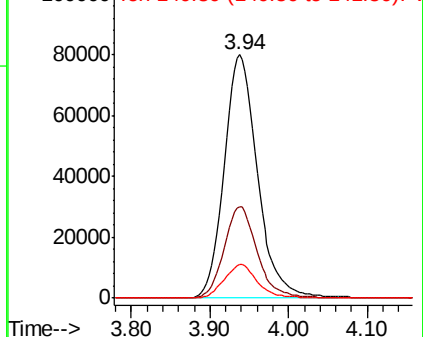
141 13.7 11.4 17.0

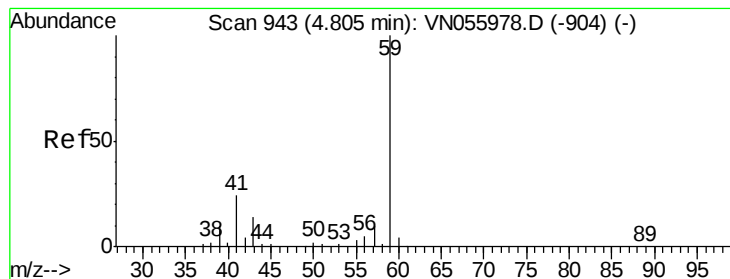


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



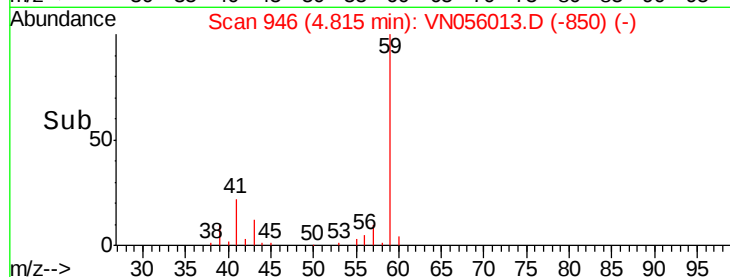
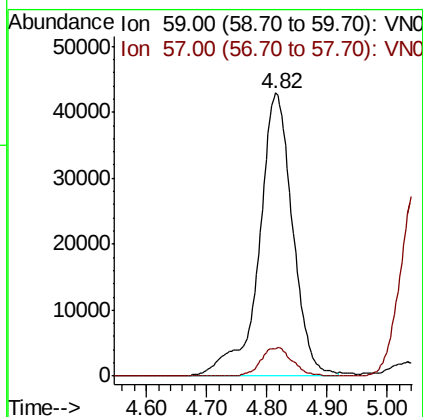
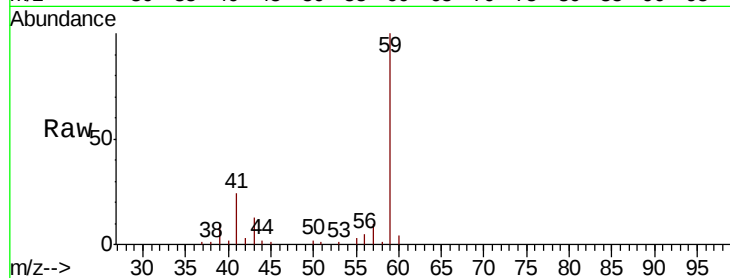


#11

Tert butyl alcohol
Concen: 273.498 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :

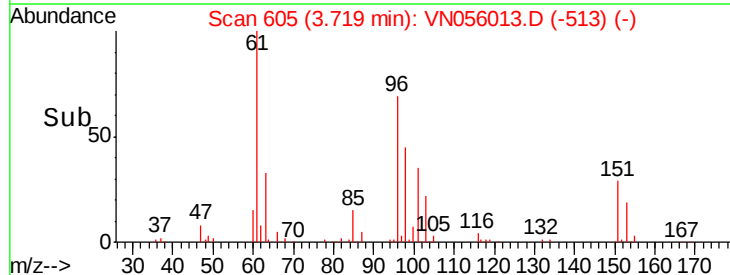
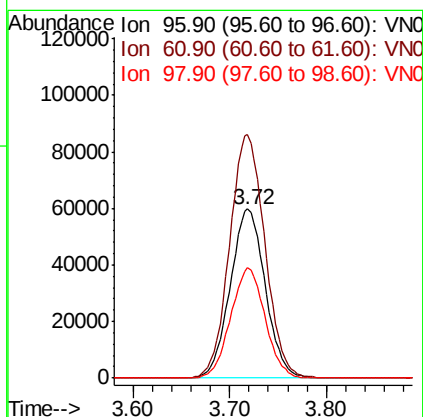
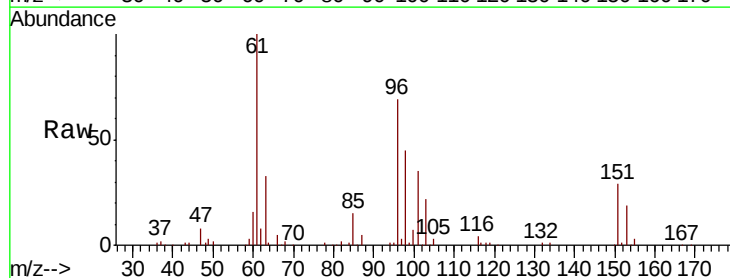
Tot Ion: 59 Resp: 166195
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6

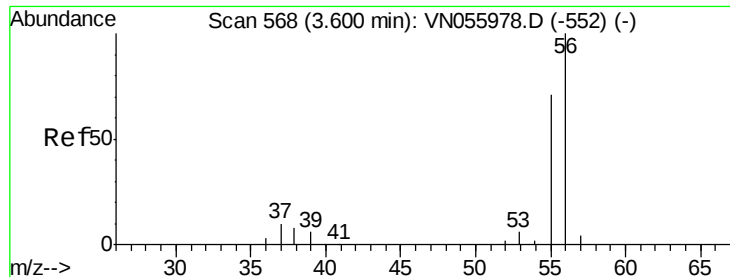


#12

1,1-Dichloroethene
Concen: 50.941 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 96 Resp: 150395
Ion Ratio Lower Upper
96 100
61 144.2 123.2 184.8
98 65.2 50.4 75.6





#13

Acrolein

Concen: 219.098 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

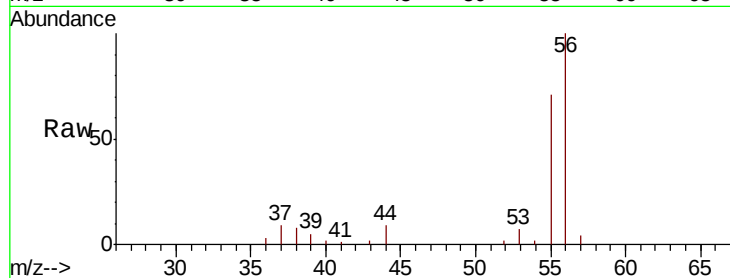
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 38398

Ion Ratio Lower Upper

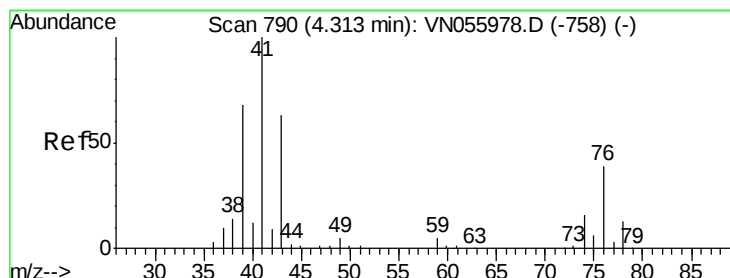
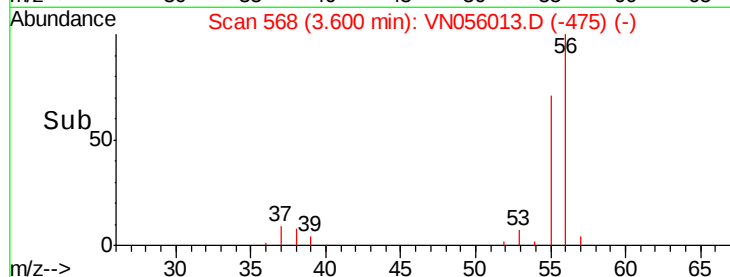
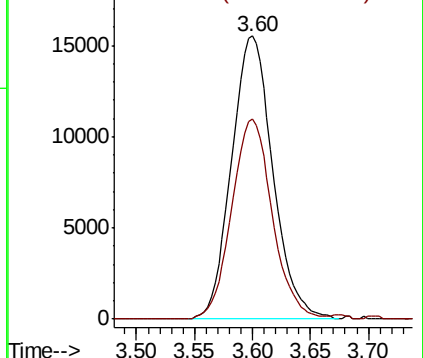
56 100

55 69.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.647 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

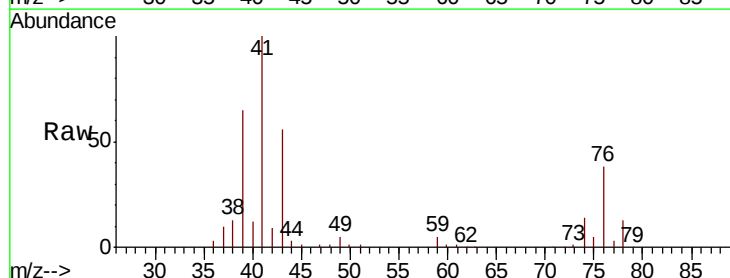
Tgt Ion: 41 Resp: 236107

Ion Ratio Lower Upper

41 100

39 60.9 50.0 75.0

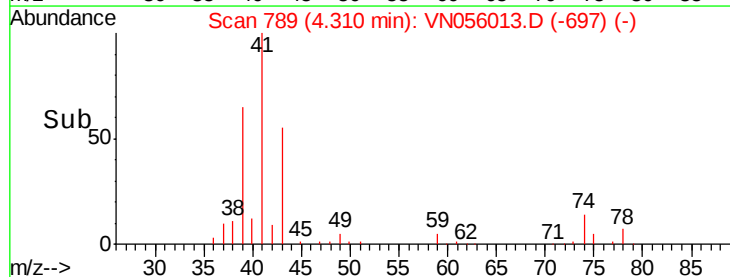
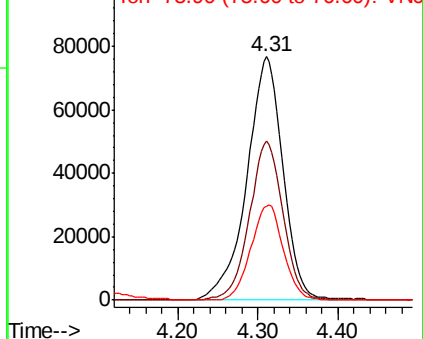
76 35.1 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 271.506 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

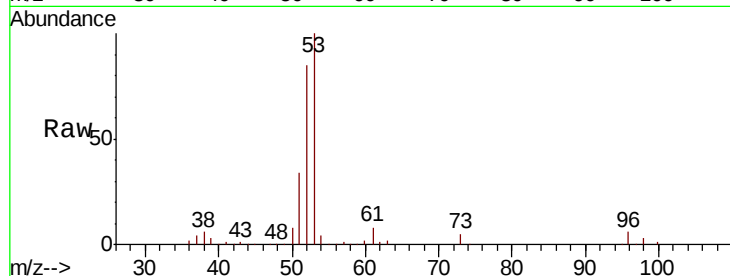
Tot Ion: 53 Resp: 401618

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.8

51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)

4.99

150000

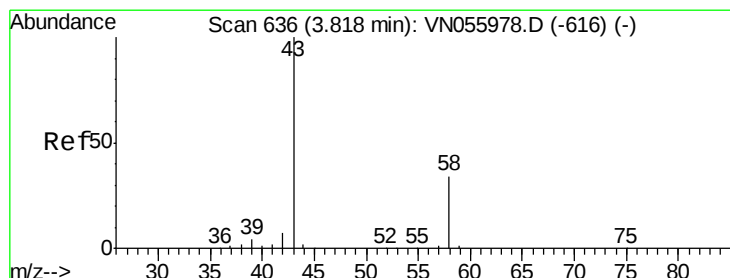
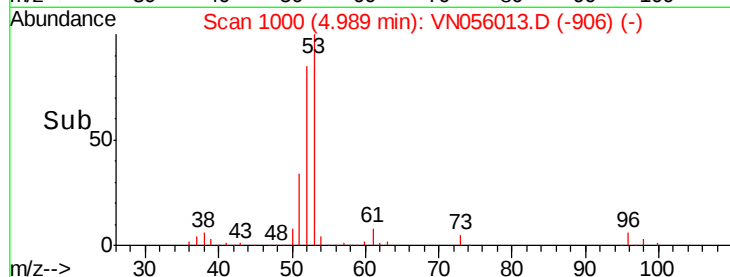
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 241.498 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056013.D

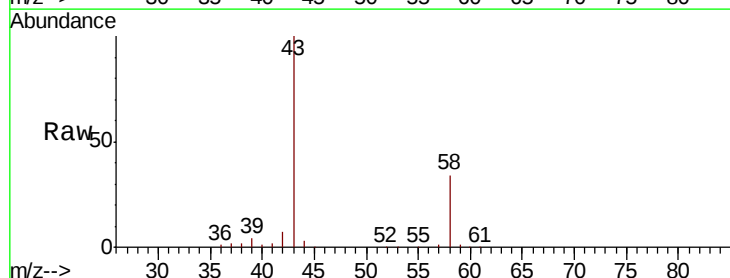
Acq: 5 Jun 2019 17:13

Tgt Ion: 43 Resp: 403317

Ion Ratio Lower Upper

43 100

58 33.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

150000

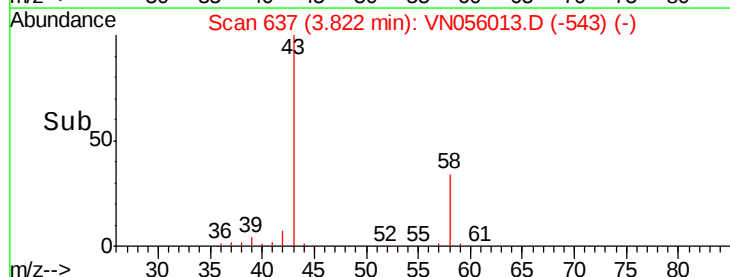
100000

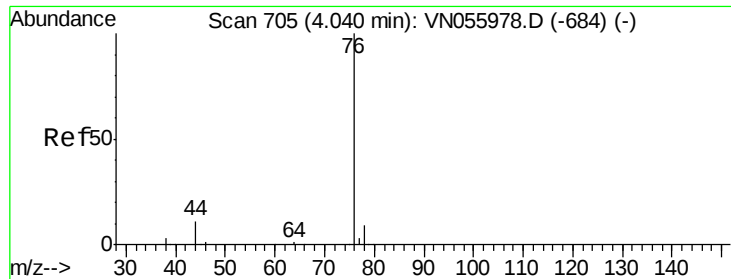
50000

0

3.70 3.80 3.90 4.00

Time-->

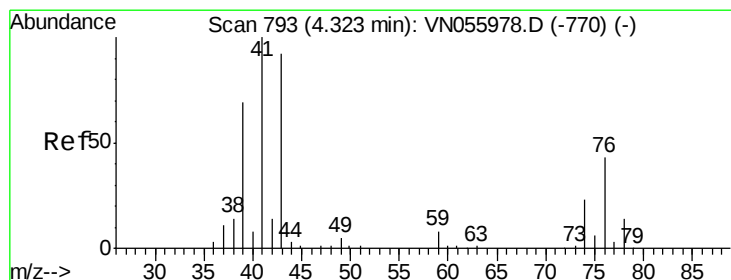
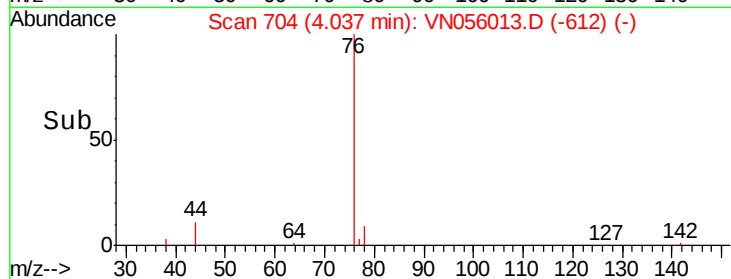
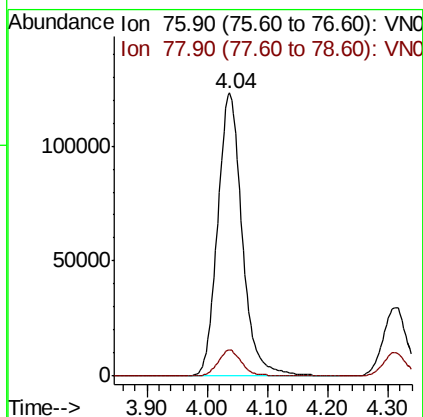
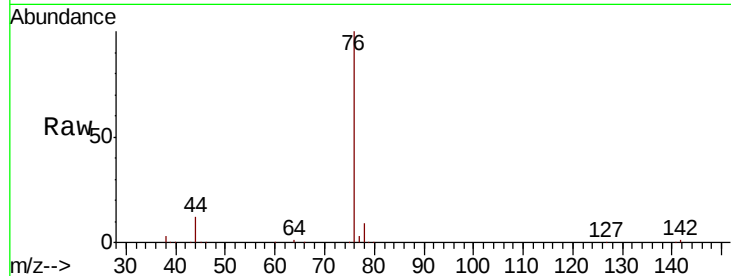




#17
Carbon Disulfide
Concen: 48.822 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

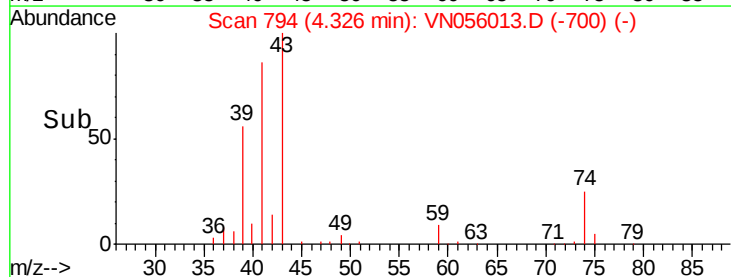
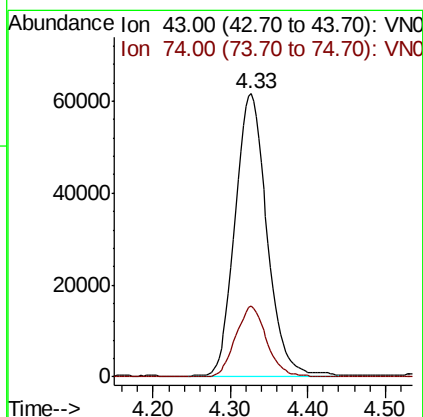
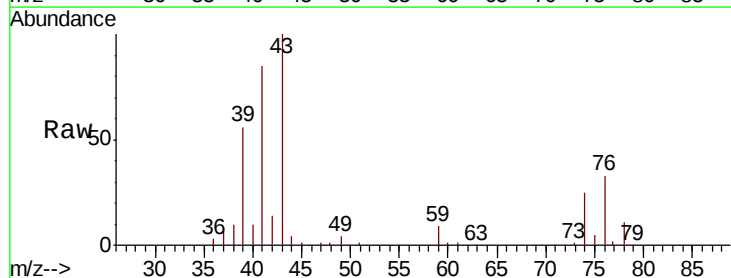
Instrument :
MSVOA_N
ClientSampled :

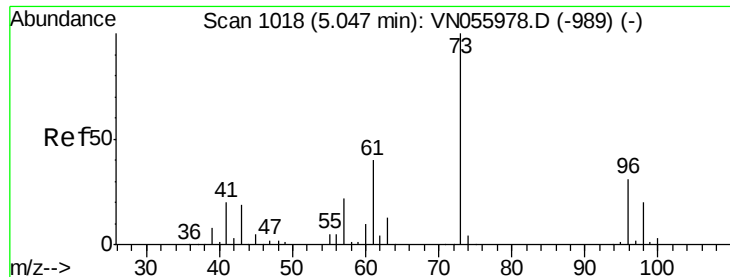
Tot Ion: 76 Resp: 345119
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 53.455 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 43 Resp: 175228
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9

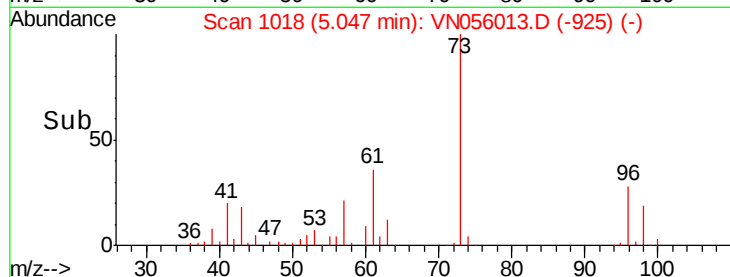
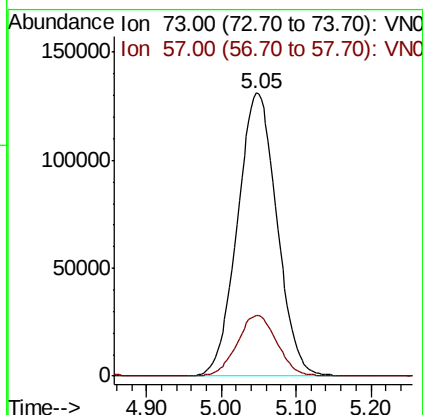
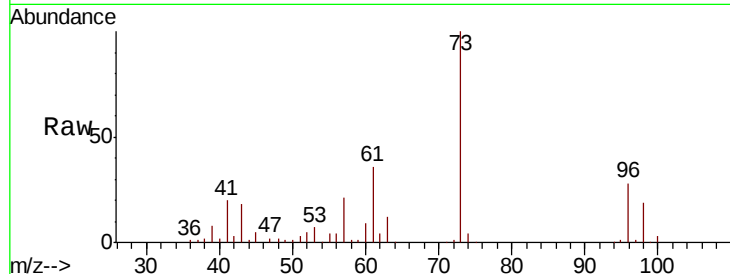




#19
Methyl tert-butyl Ether
Concen: 51.132 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

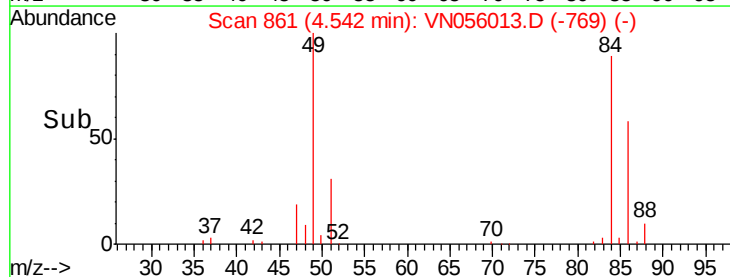
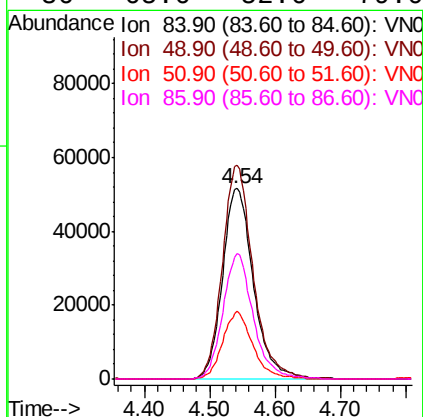
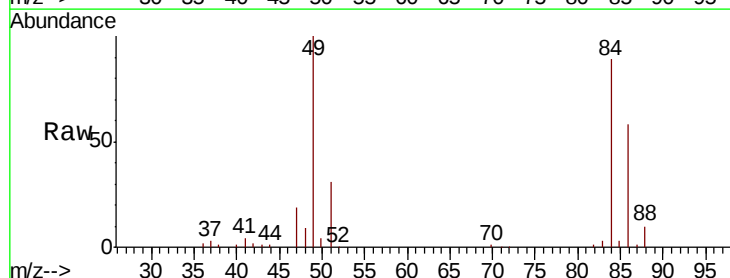
Instrument :
MSVOA_N
ClientSampled :

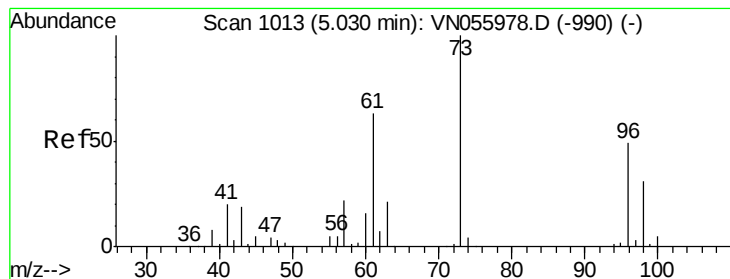
Tot Ion: 73 Resp: 481181
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 49.337 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 84 Resp: 169754
Ion Ratio Lower Upper
84 100
49 112.1 93.5 140.3
51 35.3 28.6 43.0
86 65.6 52.6 79.0



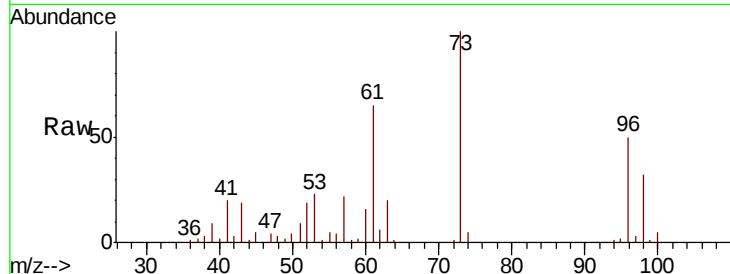


#21

trans-1,2-Dichloroethene
Concen: 50.304 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	96	Resp	159126
Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.8	161.8
98	64.9	49.8	74.8

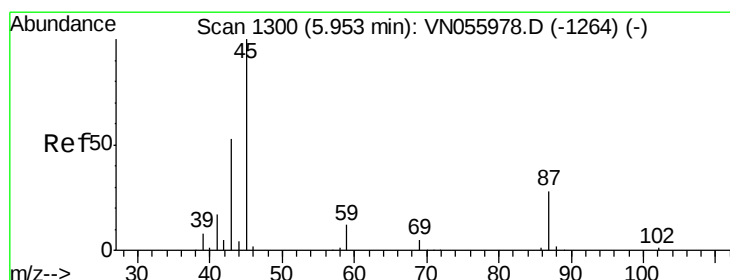
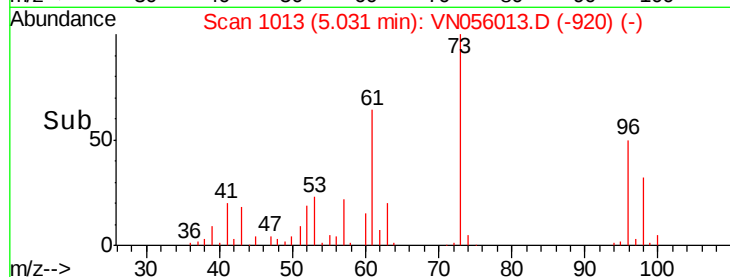
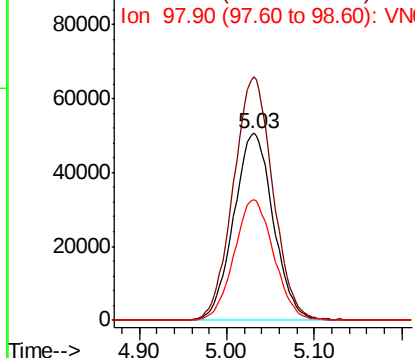


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

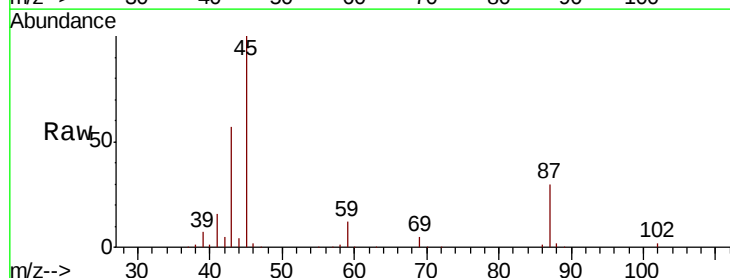
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 50.158 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion	45	Resp	483358
Ion	Ratio	Lower	Upper
45	100		
43	55.1	45.0	67.6
87	29.7	22.2	33.4
59	11.9	9.1	13.7



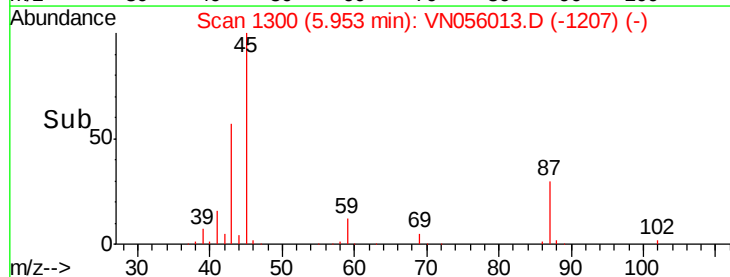
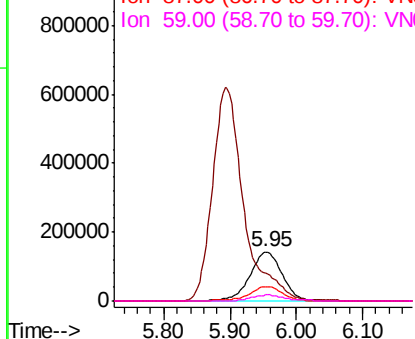
Abundance

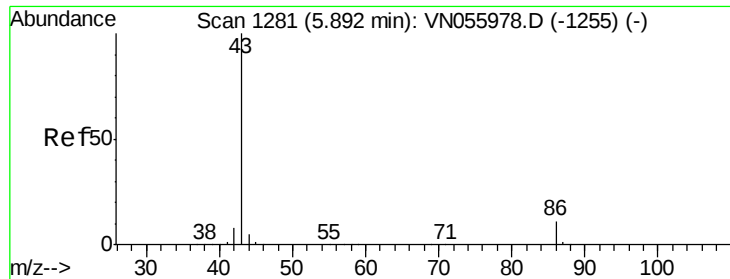
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 268.029 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

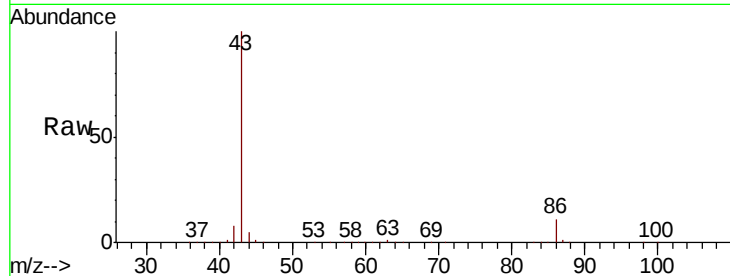
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2034054

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)

5.89

600000

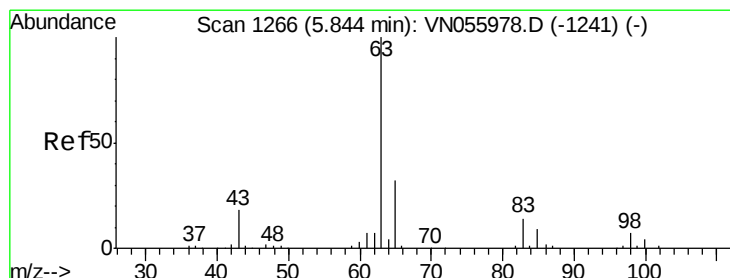
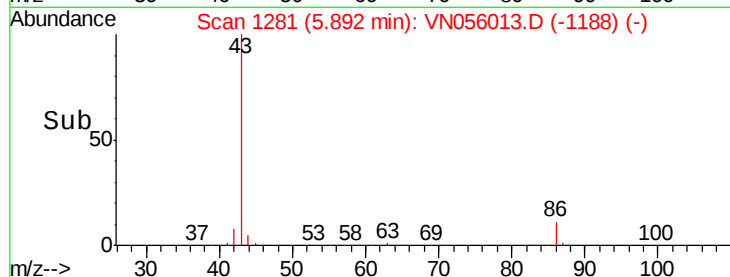
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.898 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

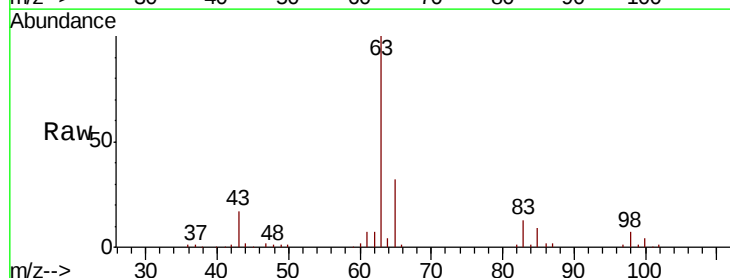
Tgt Ion: 63 Resp: 277374

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

5.84

120000

100000

80000

60000

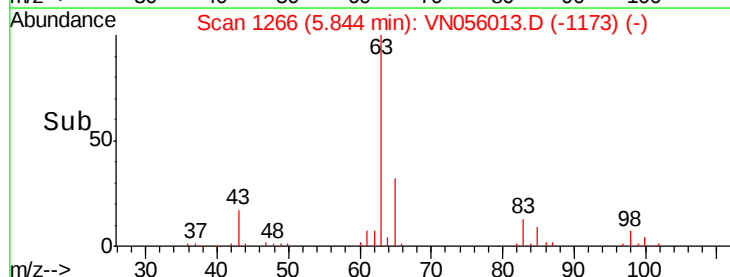
40000

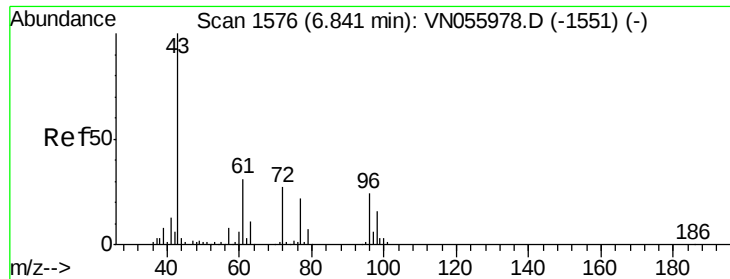
20000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 266.239 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

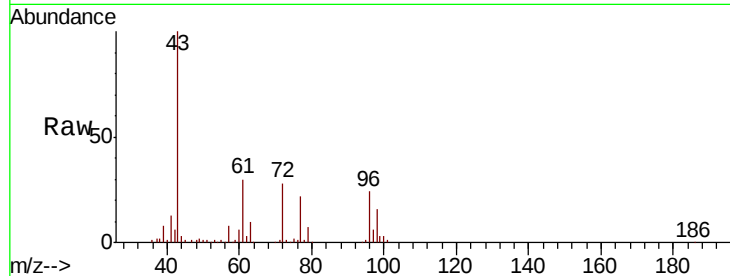
ClientSampleId :

Tot Ion: 43 Resp: 561783

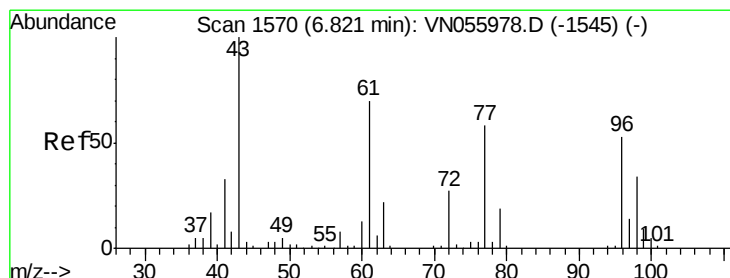
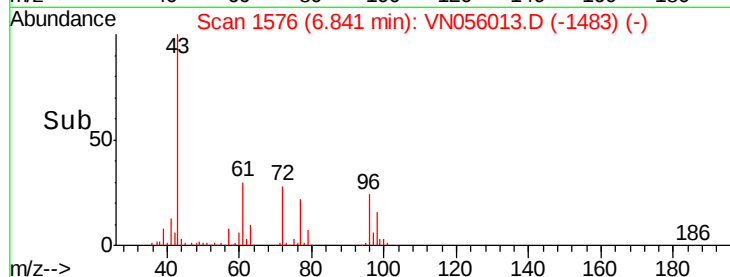
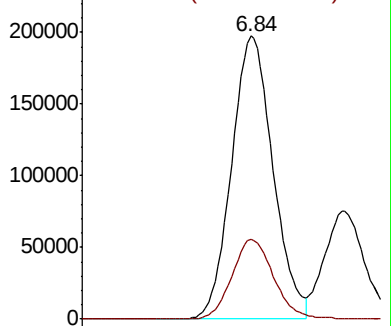
Ion Ratio Lower Upper

43 100

72 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1551) (-)



#26

2,2-Dichloropropane

Concen: 50.102 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056013.D

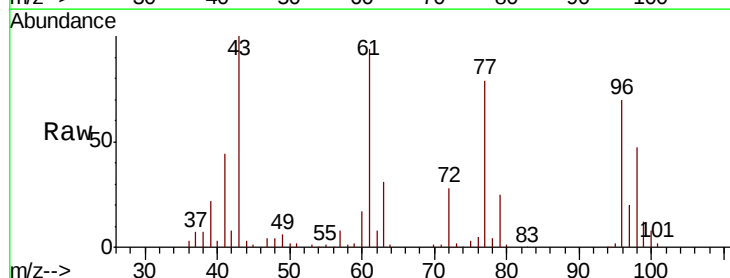
Acq: 5 Jun 2019 17:13

Tgt Ion: 77 Resp: 217323

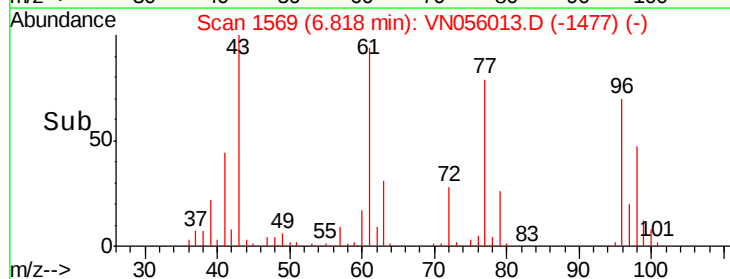
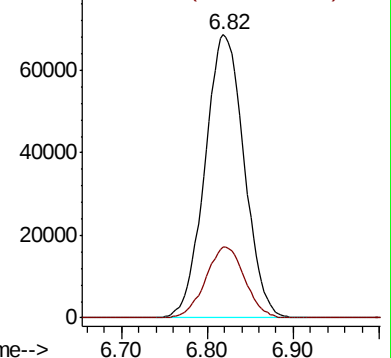
Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN055978.D (-1545) (-)





#27

cis-1,2-Dichloroethene

Concen: 50.239 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

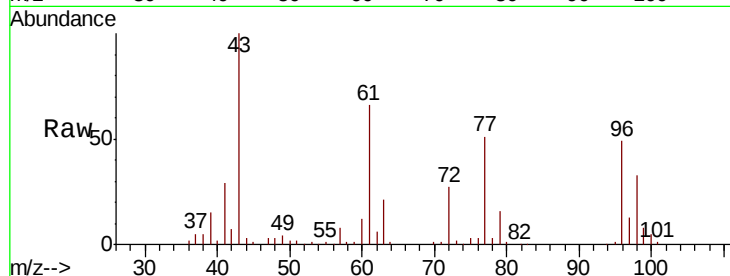
Tot Ion: 96 Resp: 186807

Ion Ratio Lower Upper

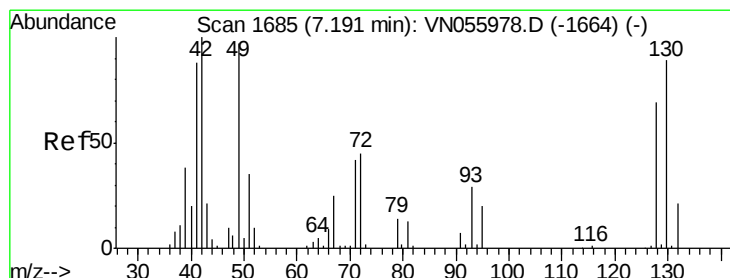
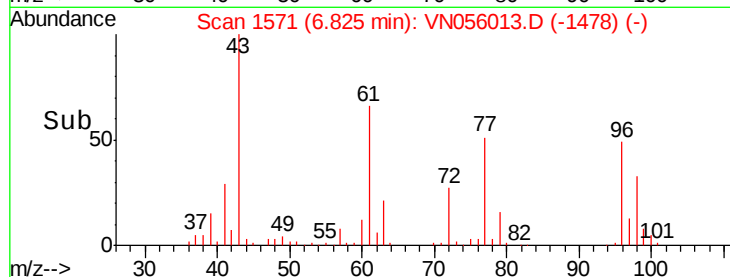
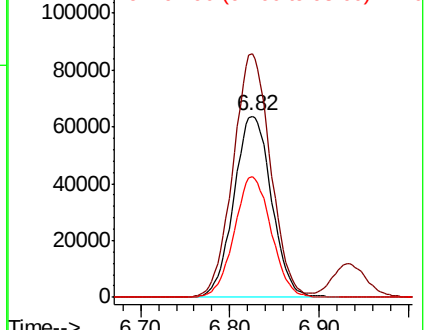
96 100

61 133.2 0.0 275.8

98 65.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.432 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

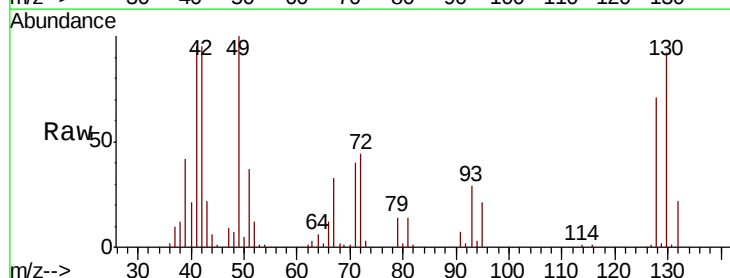
Tgt Ion: 49 Resp: 132573

Ion Ratio Lower Upper

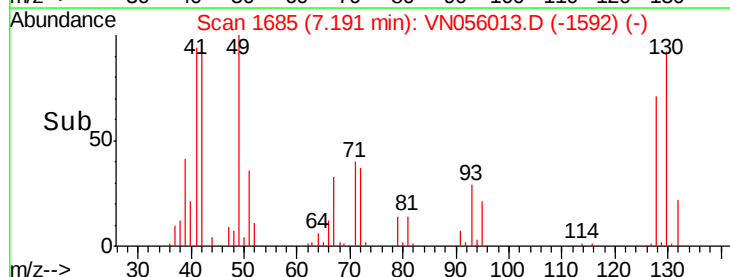
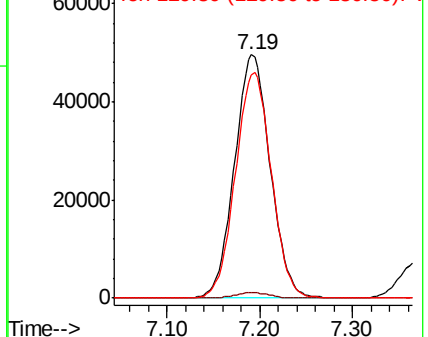
49 100

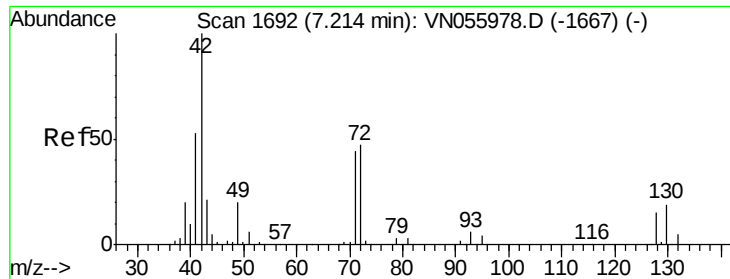
129 2.2 0.0 4.4

130 93.1 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

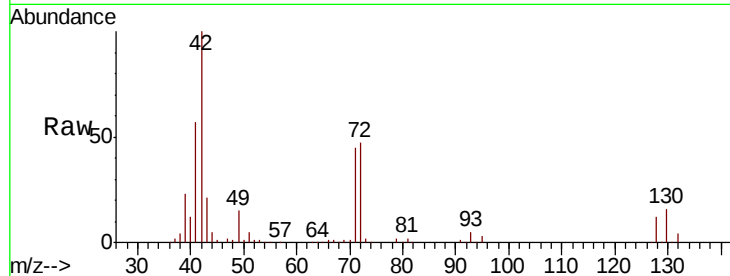




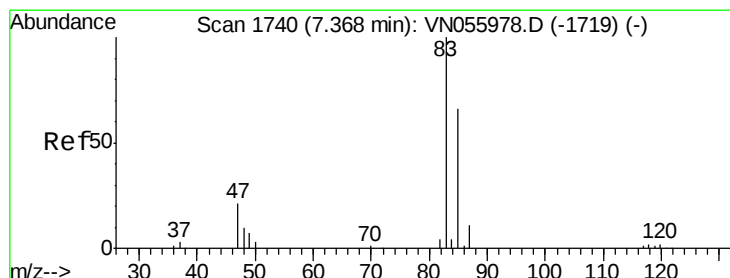
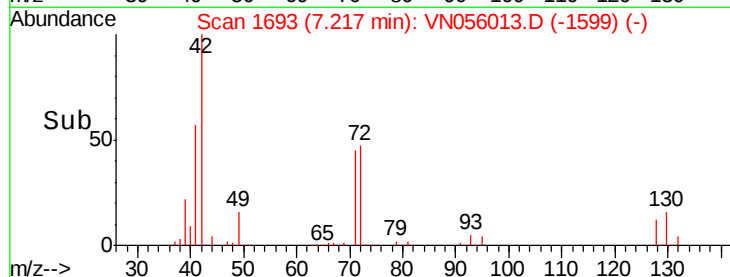
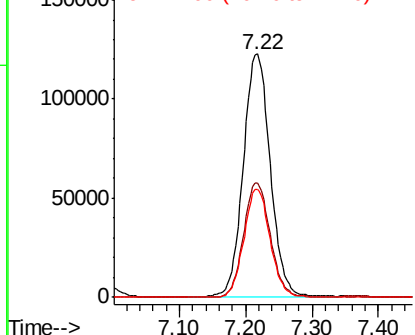
#29
Tetrahydrofuran
Concen: 267.925 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 349459
Ion Ratio Lower Upper
42 100
72 46.2 35.9 53.9
71 42.9 34.0 51.0

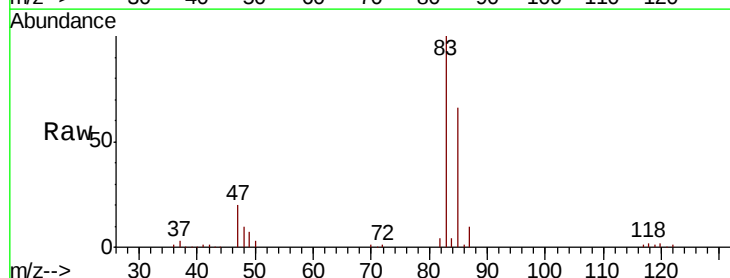


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

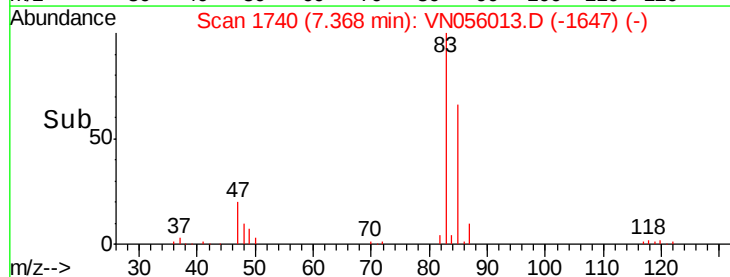
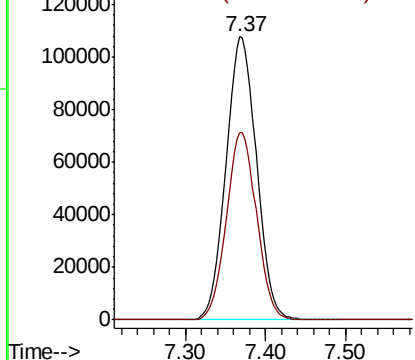


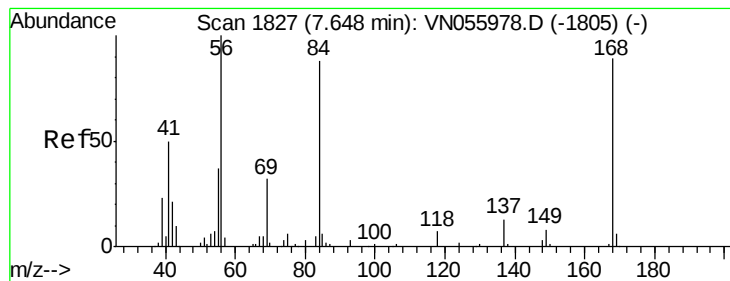
#30
Chloroform
Concen: 50.151 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 83 Resp: 280445
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.263 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :

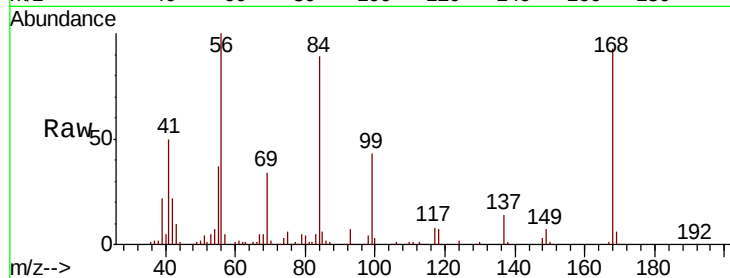
Tot Ion: 56 Resp: 261879

Ion Ratio Lower Upper

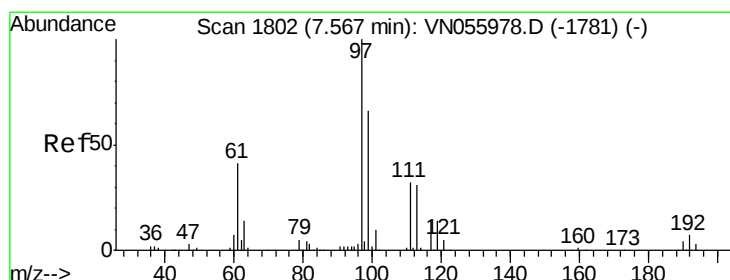
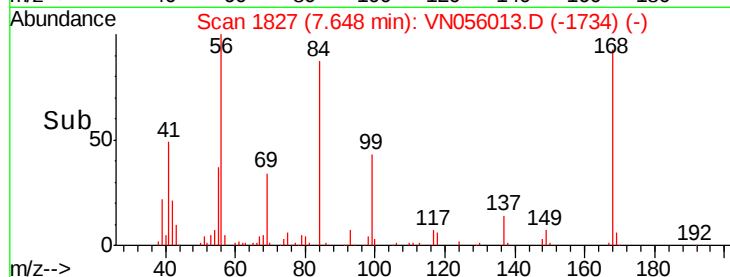
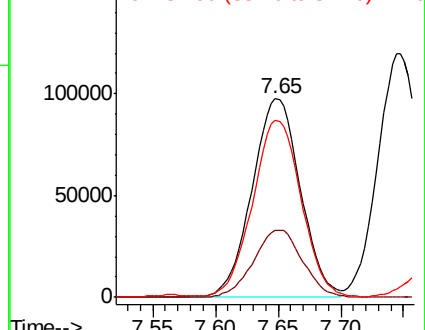
56 100

69 33.5 25.6 38.4

84 88.1 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 50.325 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

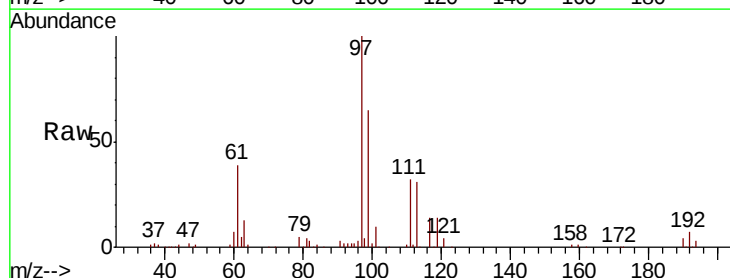
Tgt Ion: 97 Resp: 235001

Ion Ratio Lower Upper

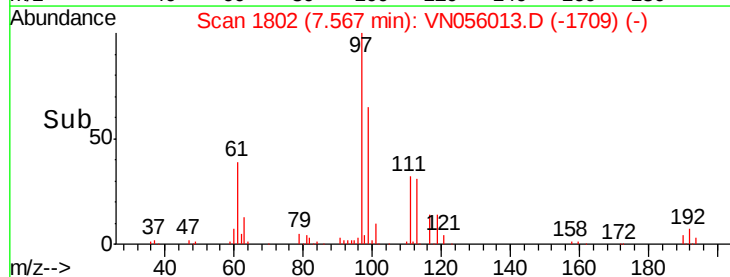
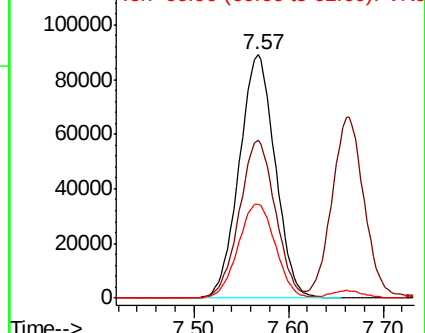
97 100

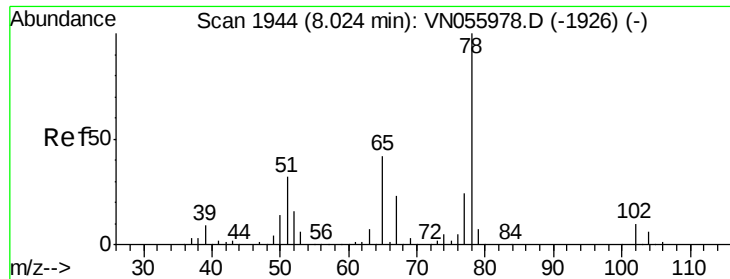
99 65.0 52.0 78.0

61 40.0 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

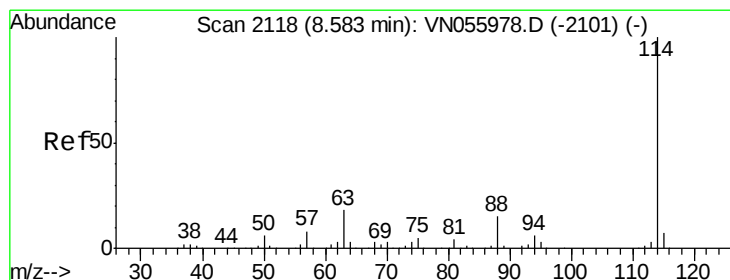
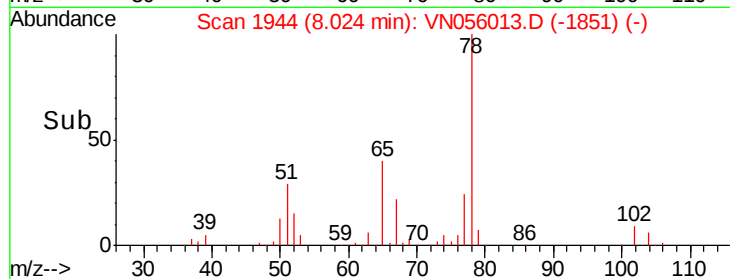
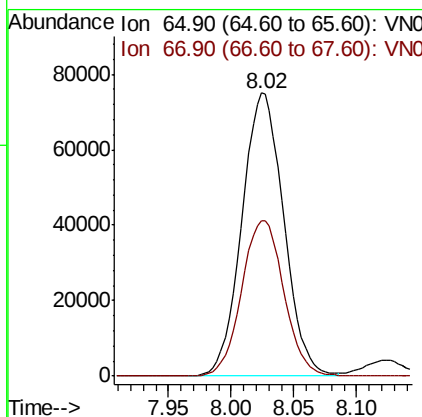
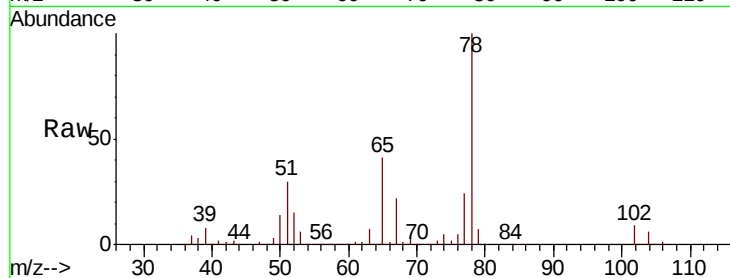




#33
 1,2-Dichloroethane-d4
 Concen: 49.759 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

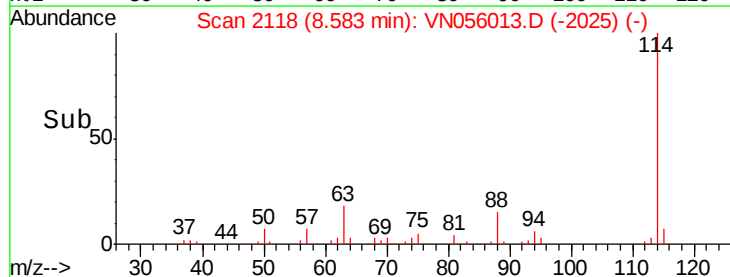
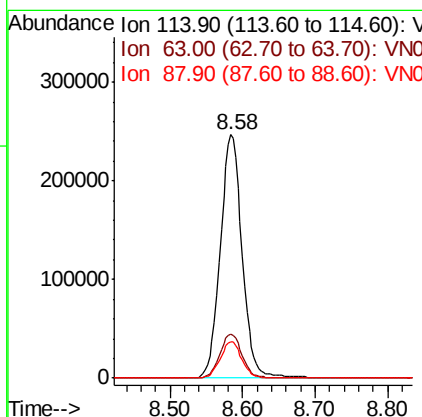
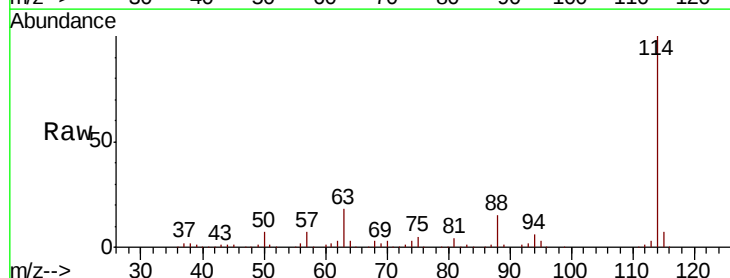
Instrument :
 MSVOA_N
 ClientSampleId :

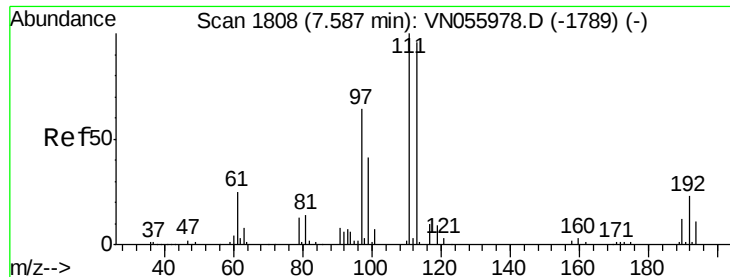
Tot Ion: 65 Resp: 173752
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion: 114 Resp: 515483
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 15.1 0.0 31.0

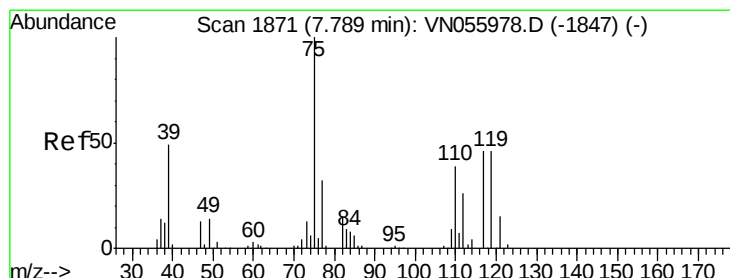
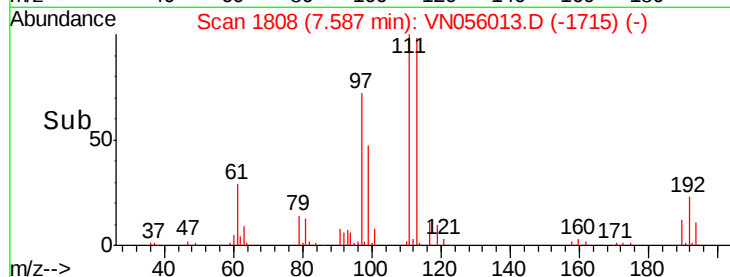
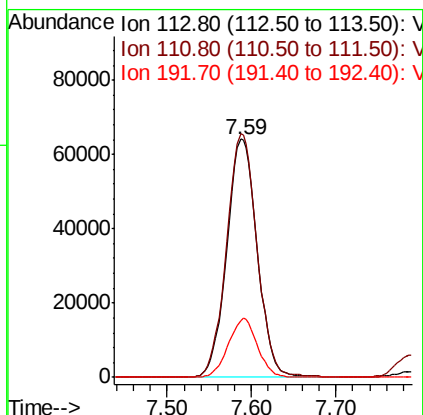
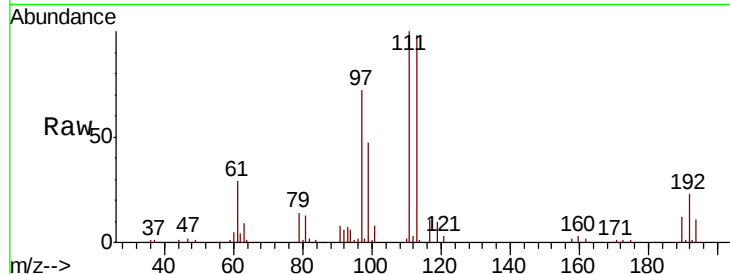




#35
 Dibromofluoromethane
 Concen: 50.811 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

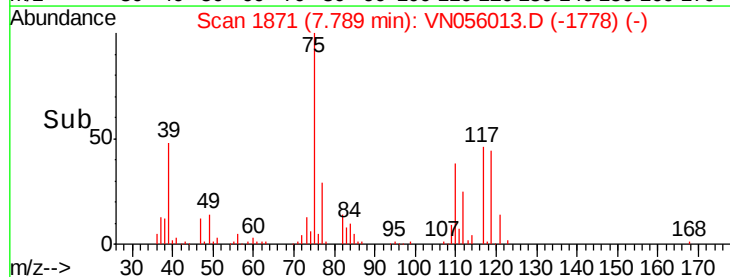
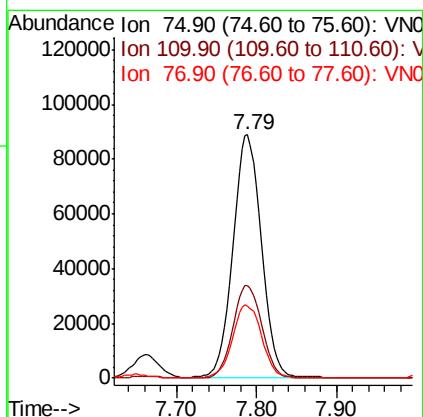
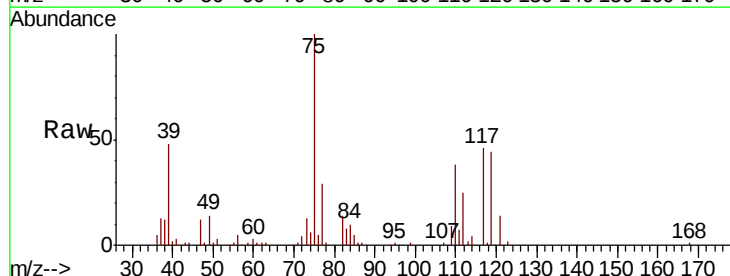
Instrument :
 MSVOA_N
 ClientSampleId :

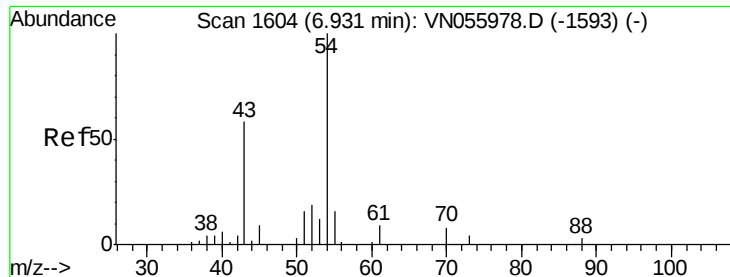
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	23.6	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 48.079 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.0	57.0
77	31.1	25.1	37.7

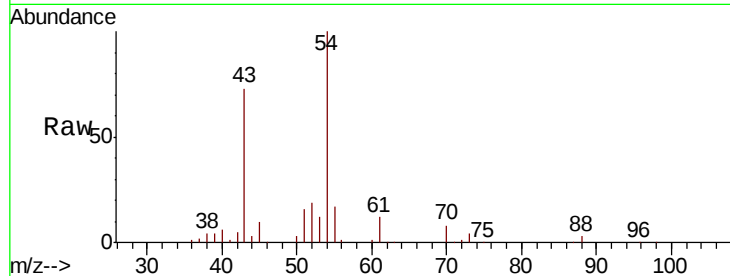




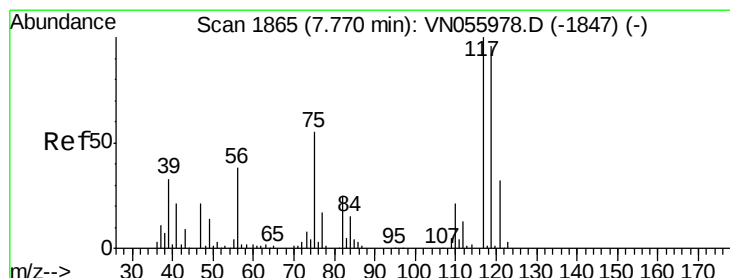
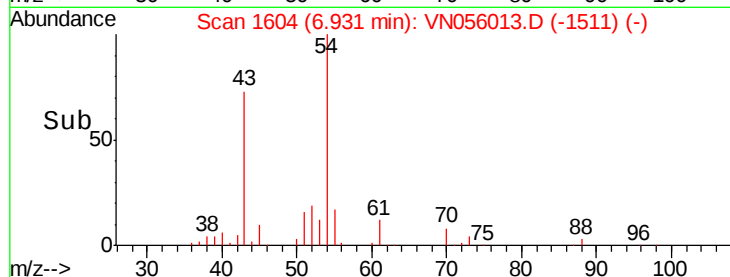
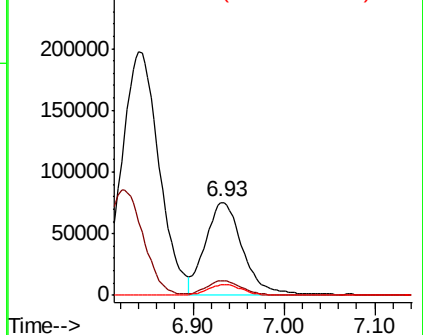
#37
Ethyl Acetate
Concen: 53.629 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 211501
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 11.1 8.9 13.3

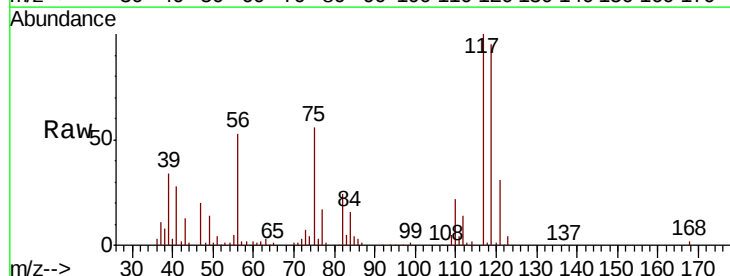


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

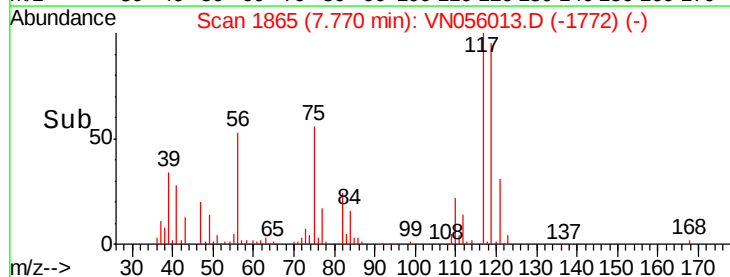
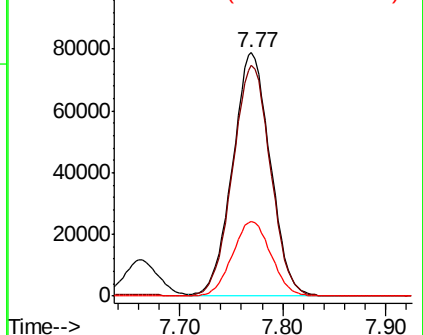


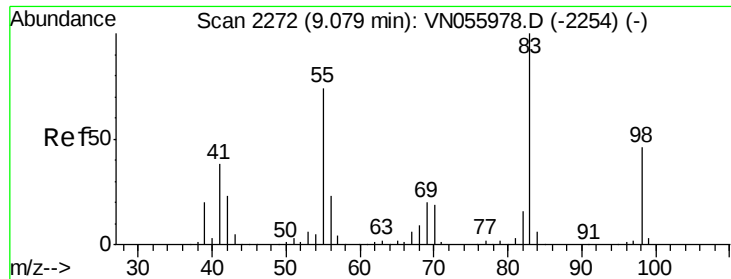
#38
Carbon Tetrachloride
Concen: 49.142 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 117 Resp: 200818
Ion Ratio Lower Upper
117 100
119 94.7 79.0 118.6
121 30.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

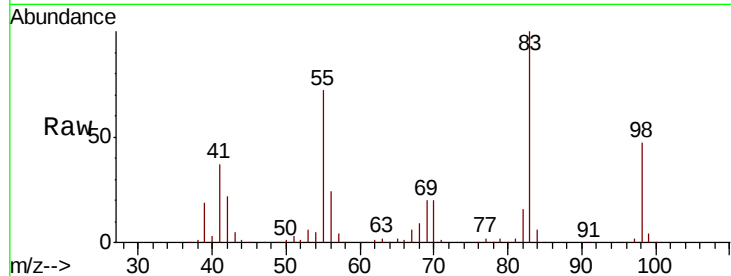




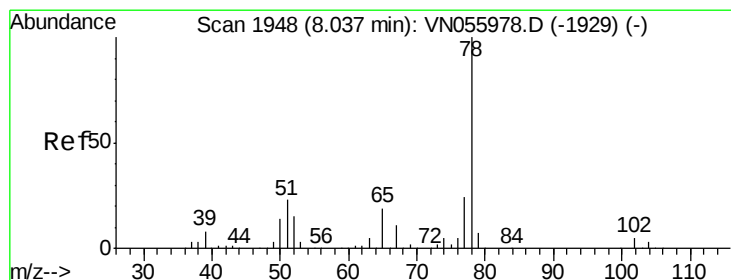
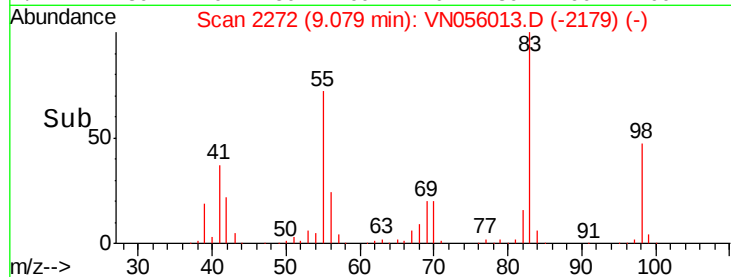
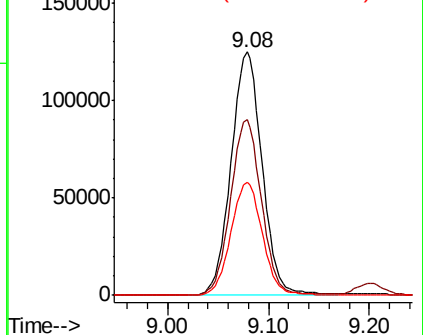
#39
Methvlcvclohexane
Concen: 48.523 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 267924
Ion Ratio Lower Upper
83 100
55 72.0 59.3 88.9
98 46.5 36.6 54.8

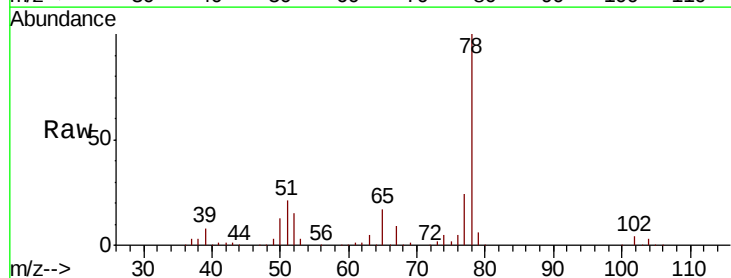


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

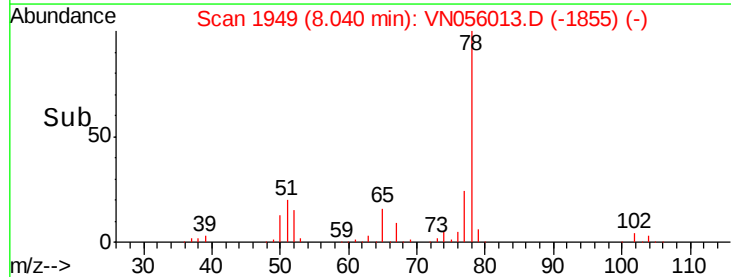
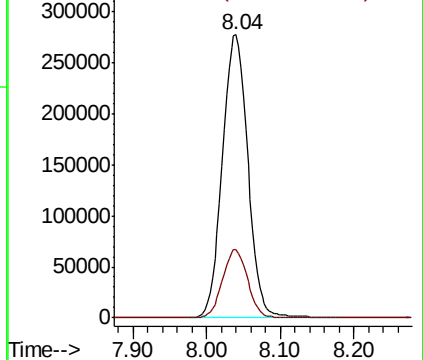


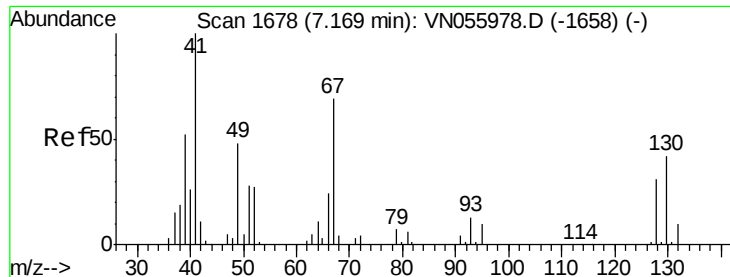
#40
Benzene
Concen: 49.668 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 78 Resp: 668651
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

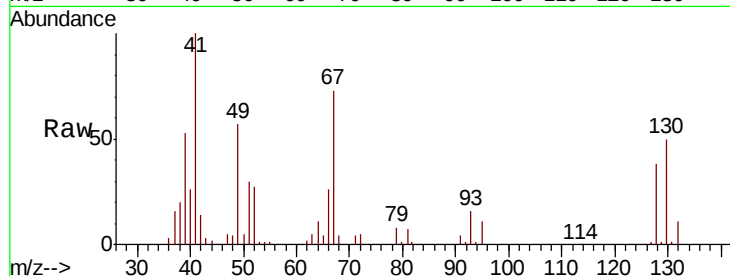




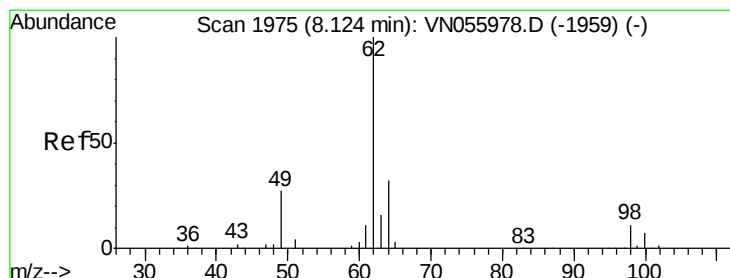
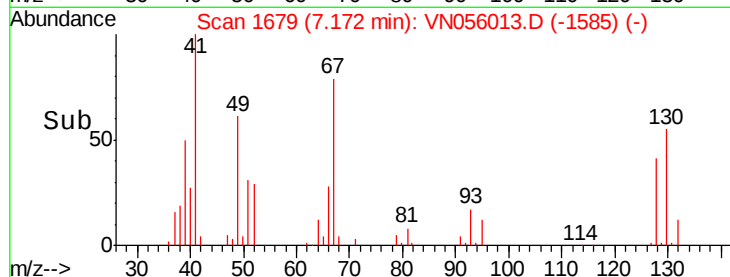
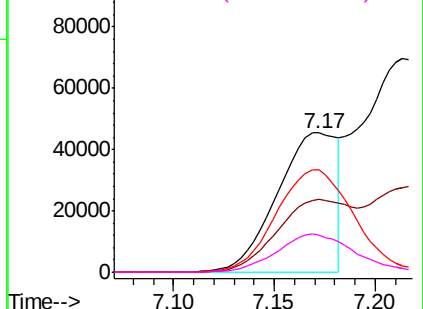
#41
Methacrylonitrile
Concen: 51.808 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 94006
Ion Ratio Lower Upper
41 100
39 65.4 45.6 68.4
67 96.0 67.7 101.5
52 36.2 26.6 40.0

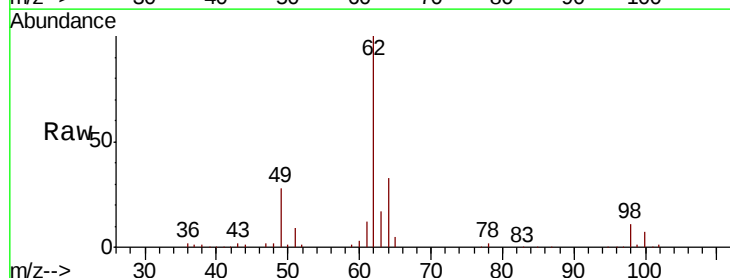


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

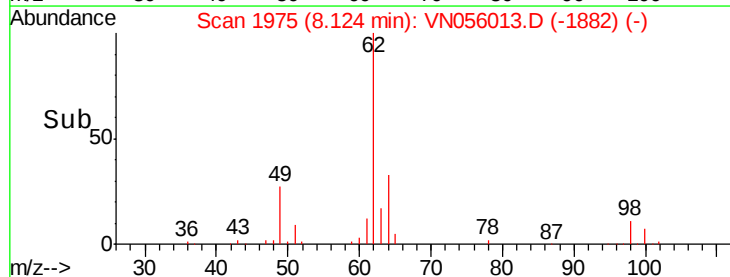
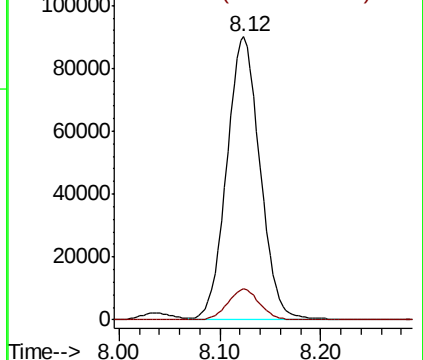


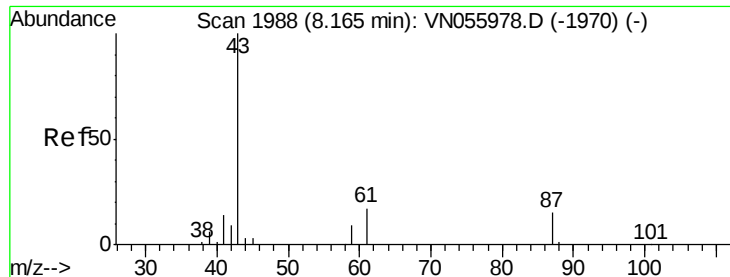
#42
1,2-Dichloroethane
Concen: 47.419 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 62 Resp: 205340
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 52.294 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

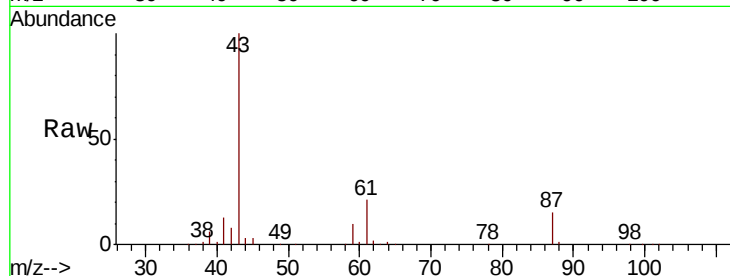
Tot Ion: 43 Resp: 334201

Ion Ratio Lower Upper

43 100

61 22.3 22.2 33.4

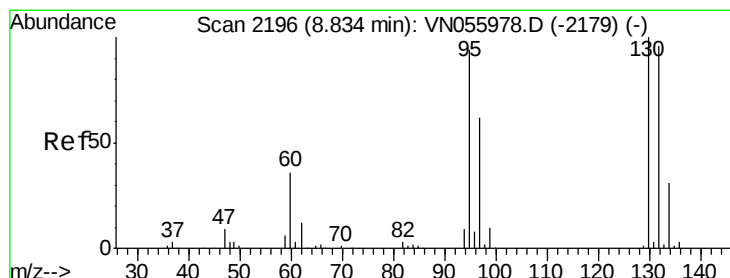
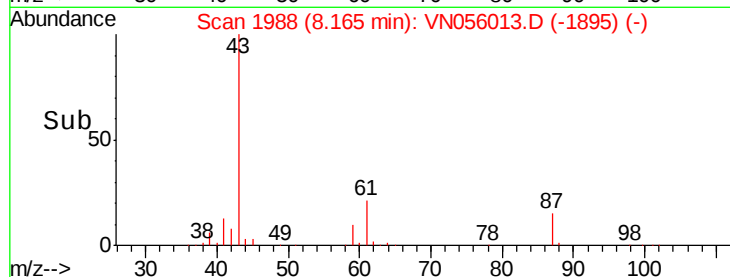
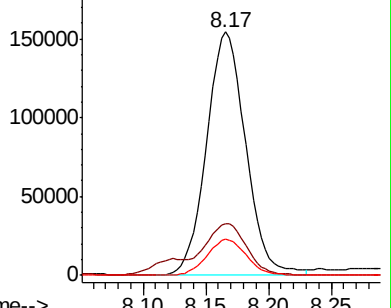
87 15.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 48.652 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056013.D

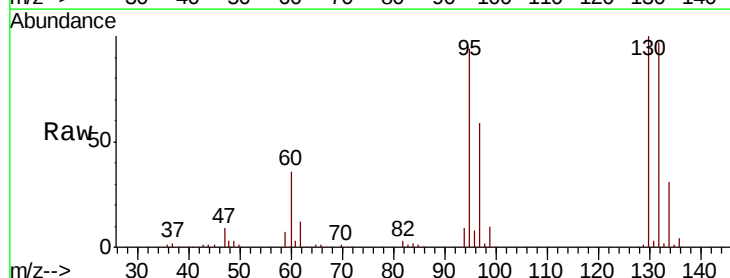
Acq: 5 Jun 2019 17:13

Tgt Ion:130 Resp: 188203

Ion Ratio Lower Upper

130 100

95 93.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-2179) (-)

Ion 131.80 (131.50 to 132.50): VN055978.D (-2179) (-)

Ion 132.80 (132.50 to 133.50): VN055978.D (-2179) (-)

Ion 133.80 (133.50 to 134.50): VN055978.D (-2179) (-)

Ion 134.80 (134.50 to 135.50): VN055978.D (-2179) (-)

Ion 135.80 (135.50 to 136.50): VN055978.D (-2179) (-)

Ion 136.80 (136.50 to 137.50): VN055978.D (-2179) (-)

Ion 137.80 (137.50 to 138.50): VN055978.D (-2179) (-)

Ion 138.80 (138.50 to 139.50): VN055978.D (-2179) (-)

Ion 139.80 (139.50 to 140.50): VN055978.D (-2179) (-)

Ion 140.80 (140.50 to 141.50): VN055978.D (-2179) (-)

Ion 141.80 (141.50 to 142.50): VN055978.D (-2179) (-)

Ion 142.80 (142.50 to 143.50): VN055978.D (-2179) (-)

Ion 143.80 (143.50 to 144.50): VN055978.D (-2179) (-)

Ion 144.80 (144.50 to 145.50): VN055978.D (-2179) (-)

Ion 145.80 (145.50 to 146.50): VN055978.D (-2179) (-)

Ion 146.80 (146.50 to 147.50): VN055978.D (-2179) (-)

Ion 147.80 (147.50 to 148.50): VN055978.D (-2179) (-)

Ion 148.80 (148.50 to 149.50): VN055978.D (-2179) (-)

Ion 149.80 (149.50 to 150.50): VN055978.D (-2179) (-)

Ion 150.80 (150.50 to 151.50): VN055978.D (-2179) (-)

Ion 151.80 (151.50 to 152.50): VN055978.D (-2179) (-)

Ion 152.80 (152.50 to 153.50): VN055978.D (-2179) (-)

Ion 153.80 (153.50 to 154.50): VN055978.D (-2179) (-)

Ion 154.80 (154.50 to 155.50): VN055978.D (-2179) (-)

Ion 155.80 (155.50 to 156.50): VN055978.D (-2179) (-)

Ion 156.80 (156.50 to 157.50): VN055978.D (-2179) (-)

Ion 157.80 (157.50 to 158.50): VN055978.D (-2179) (-)

Ion 158.80 (158.50 to 159.50): VN055978.D (-2179) (-)

Ion 159.80 (159.50 to 160.50): VN055978.D (-2179) (-)

Ion 160.80 (160.50 to 161.50): VN055978.D (-2179) (-)

Ion 161.80 (161.50 to 162.50): VN055978.D (-2179) (-)

Ion 162.80 (162.50 to 163.50): VN055978.D (-2179) (-)

Ion 163.80 (163.50 to 164.50): VN055978.D (-2179) (-)

Ion 164.80 (164.50 to 165.50): VN055978.D (-2179) (-)

Ion 165.80 (165.50 to 166.50): VN055978.D (-2179) (-)

Ion 166.80 (166.50 to 167.50): VN055978.D (-2179) (-)

Ion 167.80 (167.50 to 168.50): VN055978.D (-2179) (-)

Ion 168.80 (168.50 to 169.50): VN055978.D (-2179) (-)

Ion 169.80 (169.50 to 170.50): VN055978.D (-2179) (-)

Ion 170.80 (170.50 to 171.50): VN055978.D (-2179) (-)

Ion 171.80 (171.50 to 172.50): VN055978.D (-2179) (-)

Ion 172.80 (172.50 to 173.50): VN055978.D (-2179) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-2179) (-)

Ion 174.80 (174.50 to 175.50): VN055978.D (-2179) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-2179) (-)

Ion 176.80 (176.50 to 177.50): VN055978.D (-2179) (-)

Ion 177.80 (177.50 to 178.50): VN055978.D (-2179) (-)

Ion 178.80 (178.50 to 179.50): VN055978.D (-2179) (-)

Ion 179.80 (179.50 to 180.50): VN055978.D (-2179) (-)

Ion 180.80 (180.50 to 181.50): VN055978.D (-2179) (-)

Ion 181.80 (181.50 to 182.50): VN055978.D (-2179) (-)

Ion 182.80 (182.50 to 183.50): VN055978.D (-2179) (-)

Ion 183.80 (183.50 to 184.50): VN055978.D (-2179) (-)

Ion 184.80 (184.50 to 185.50): VN055978.D (-2179) (-)

Ion 185.80 (185.50 to 186.50): VN055978.D (-2179) (-)

Ion 186.80 (186.50 to 187.50): VN055978.D (-2179) (-)

Ion 187.80 (187.50 to 188.50): VN055978.D (-2179) (-)

Ion 188.80 (188.50 to 189.50): VN055978.D (-2179) (-)

Ion 189.80 (189.50 to 190.50): VN055978.D (-2179) (-)

Ion 190.80 (190.50 to 191.50): VN055978.D (-2179) (-)

Ion 191.80 (191.50 to 192.50): VN055978.D (-2179) (-)

Ion 192.80 (192.50 to 193.50): VN055978.D (-2179) (-)

Ion 193.80 (193.50 to 194.50): VN055978.D (-2179) (-)

Ion 194.80 (194.50 to 195.50): VN055978.D (-2179) (-)

Ion 195.80 (195.50 to 196.50): VN055978.D (-2179) (-)

Ion 196.80 (196.50 to 197.50): VN055978.D (-2179) (-)

Ion 197.80 (197.50 to 198.50): VN055978.D (-2179) (-)

Ion 198.80 (198.50 to 199.50): VN055978.D (-2179) (-)

Ion 199.80 (199.50 to 200.50): VN055978.D (-2179) (-)

Ion 200.80 (200.50 to 201.50): VN055978.D (-2179) (-)

Ion 201.80 (201.50 to 202.50): VN055978.D (-2179) (-)

Ion 202.80 (202.50 to 203.50): VN055978.D (-2179) (-)

Ion 203.80 (203.50 to 204.50): VN055978.D (-2179) (-)

Ion 204.80 (204.50 to 205.50): VN055978.D (-2179) (-)

Ion 205.80 (205.50 to 206.50): VN055978.D (-2179) (-)

Ion 206.80 (206.50 to 207.50): VN055978.D (-2179) (-)

Ion 207.80 (207.50 to 208.50): VN055978.D (-2179) (-)

Ion 208.80 (208.50 to 209.50): VN055978.D (-2179) (-)

Ion 209.80 (209.50 to 210.50): VN055978.D (-2179) (-)

Ion 210.80 (210.50 to 211.50): VN055978.D (-2179) (-)

Ion 211.80 (211.50 to 212.50): VN055978.D (-2179) (-)

Ion 212.80 (212.50 to 213.50): VN055978.D (-2179) (-)

Ion 213.80 (213.50 to 214.50): VN055978.D (-2179) (-)

Ion 214.80 (214.50 to 215.50): VN055978.D (-2179) (-)

Ion 215.80 (215.50 to 216.50): VN055978.D (-2179) (-)

Ion 216.80 (216.50 to 217.50): VN055978.D (-2179) (-)

Ion 217.80 (217.50 to 218.50): VN055978.D (-2179) (-)

Ion 218.80 (218.50 to 219.50): VN055978.D (-2179) (-)

Ion 219.80 (219.50 to 220.50): VN055978.D (-2179) (-)

Ion 220.80 (220.50 to 221.50): VN055978.D (-2179) (-)

Ion 221.80 (221.50 to 222.50): VN055978.D (-2179) (-)

Ion 222.80 (222.50 to 223.50): VN055978.D (-2179) (-)

Ion 223.80 (223.50 to 224.50): VN055978.D (-2179) (-)

Ion 224.80 (224.50 to 225.50): VN055978.D (-2179) (-)

Ion 225.80 (225.50 to 226.50): VN055978.D (-2179) (-)

Ion 226.80 (226.50 to 227.50): VN055978.D (-2179) (-)

Ion 227.80 (227.50 to 228.50): VN055978.D (-2179) (-)

Ion 228.80 (228.50 to 229.50): VN055978.D (-2179) (-)

Ion 229.80 (229.50 to 230.50): VN055978.D (-2179) (-)

Ion 230.80 (230.50 to 231.50): VN055978.D (-2179) (-)

Ion 231.80 (231.50 to 232.50): VN055978.D (-2179) (-)

Ion 232.80 (232.50 to 233.50): VN055978.D (-2179) (-)

Ion 233.80 (233.50 to 234.50): VN055978.D (-2179) (-)

Ion 234.80 (234.50 to 235.50): VN055978.D (-2179) (-)

Ion 235.80 (235.50 to 236.50): VN055978.D (-2179) (-)

Ion 236.80 (236.50 to 237.50): VN055978.D (-2179) (-)

Ion 237.80 (237.50 to 238.50): VN055978.D (-2179) (-)

Ion 238.80 (238.50 to 239.50): VN055978.D (-2179) (-)

Ion 239.80 (239.50 to 240.50): VN055978.D (-2179) (-)

Ion 240.80 (240.50 to 241.50): VN055978.D (-2179) (-)

Ion 241.80 (241.50 to 242.50): VN055978.D (-2179) (-)

Ion 242.80 (242.50 to 243.50): VN055978.D (-2179) (-)

Ion 243.80 (243.50 to 244.50): VN055978.D (-2179) (-)

Ion 244.80 (244.50 to 245.50): VN055978.D (-2179) (-)

Ion 245.80 (245.50 to 246.50): VN055978.D (-2179) (-)

Ion 246.80 (246.50 to 247.50): VN055978.D (-2179) (-)

Ion 247.80 (247.50 to 248.50): VN055978.D (-2179) (-)

Ion 248.80 (248.50 to 249.50): VN055978.D (-2179) (-)

Ion 249.80 (249.50 to 250.50): VN055978.D (-2179) (-)

Ion 250.80 (250.50 to 251.50): VN055978.D (-2179) (-)

Ion 251.80 (251.50 to 252.50): VN055978.D (-2179) (-)

Ion 252.80 (252.50 to 253.50): VN055978.D (-2179) (-)

Ion 253.80 (253.50 to 254.50): VN055978.D (-2179) (-)

Ion 254.80 (254.50 to 255.50): VN055978.D (-2179) (-)

Ion 255.80 (255.50 to 256.50): VN055978.D (-2179) (-)

Ion 256.80 (256.50 to 257.50): VN055978.D (-2179) (-)

Ion 257.80 (257.50 to 258.50): VN055978.D (-2179) (-)

Ion 258.80 (258.50 to 259.50): VN055978.D (-2179) (-)

Ion 259.80 (259.50 to 260.50): VN055978.D (-217



#45

1,2-Dichloropropane

Concen: 49.899 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

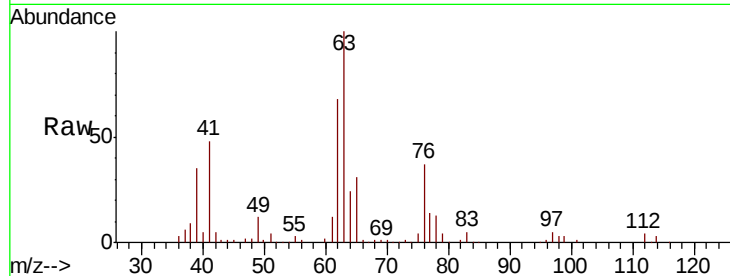
ClientSampleId :

Tot Ion: 63 Resp: 172066

Ion Ratio Lower Upper

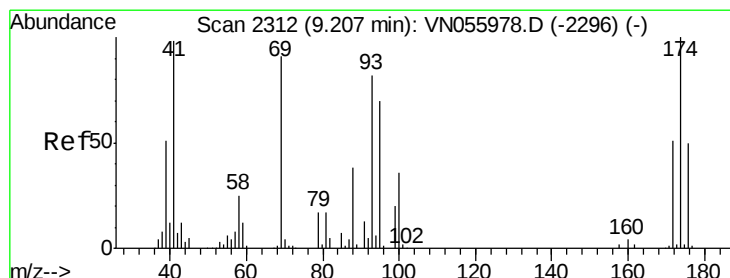
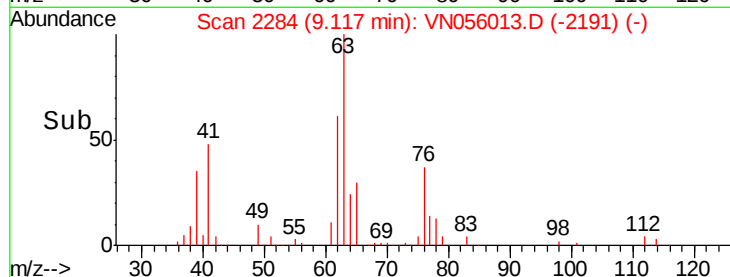
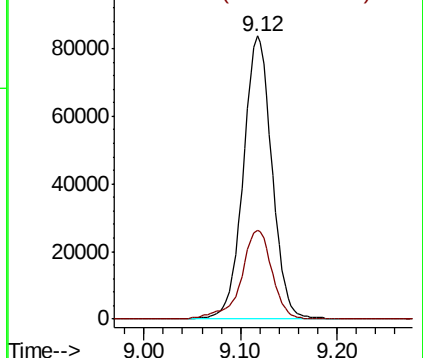
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.883 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

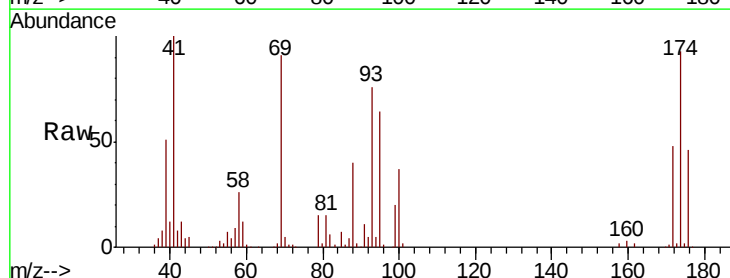
Tgt Ion: 93 Resp: 112481

Ion Ratio Lower Upper

93 100

95 85.2 66.7 100.1

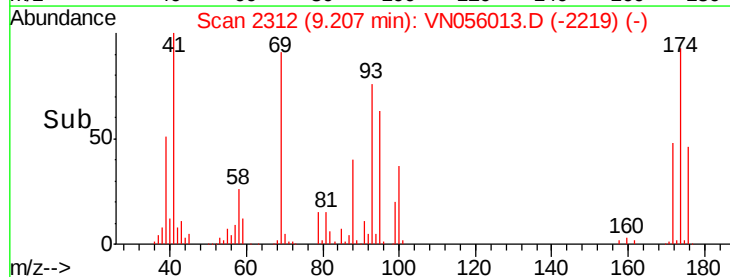
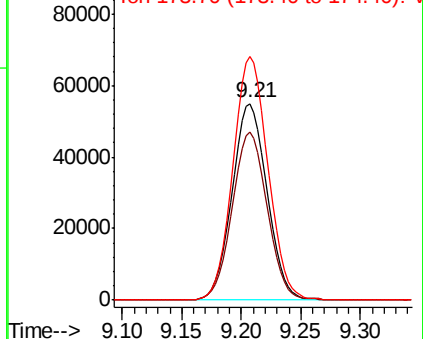
174 123.6 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

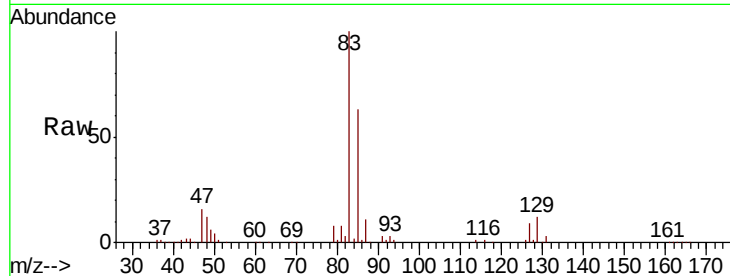




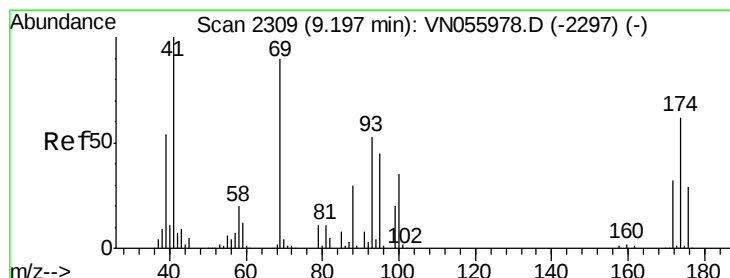
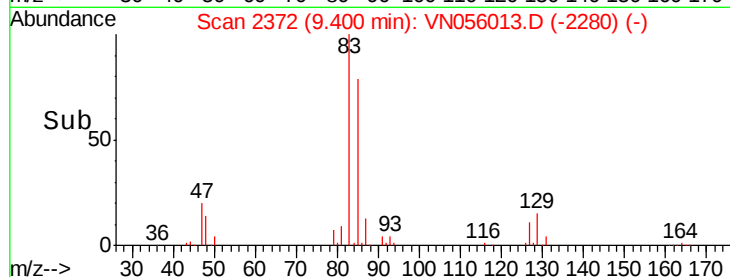
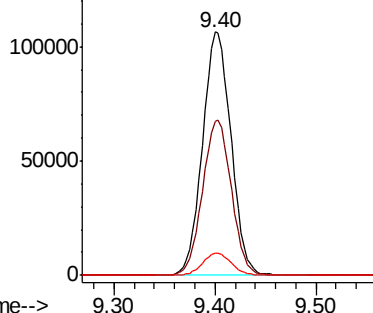
#47
Bromodichloromethane
Concen: 51.085 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 208776
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.2
127 9.1 7.4 11.0

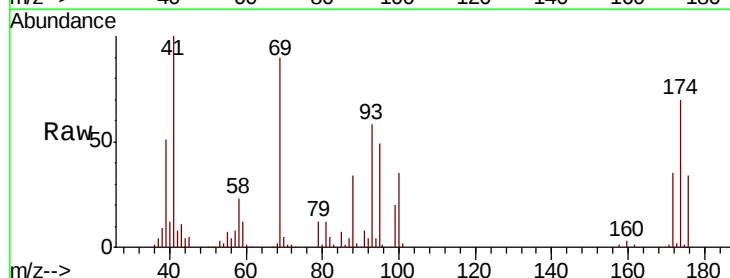


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

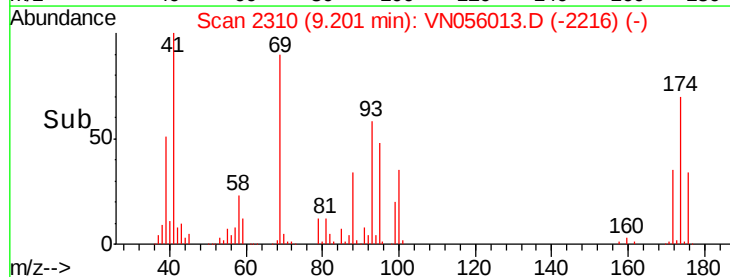
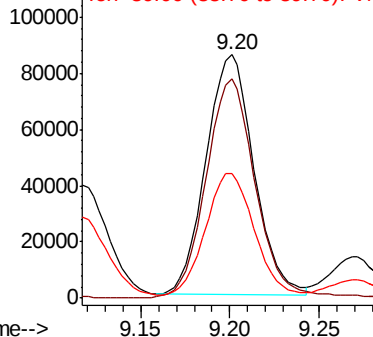


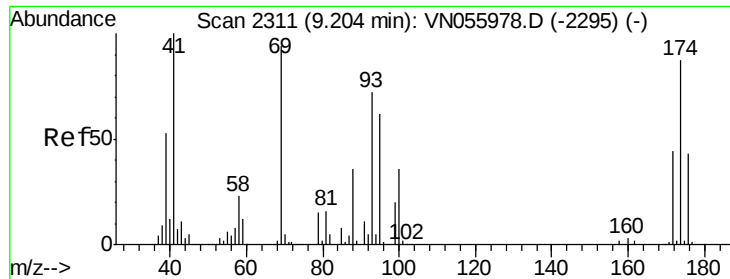
#48
Methyl methacrylate
Concen: 51.366 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 41 Resp: 160597
Ion Ratio Lower Upper
41 100
69 93.9 71.0 106.6
39 53.7 44.2 66.2



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1087.918 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

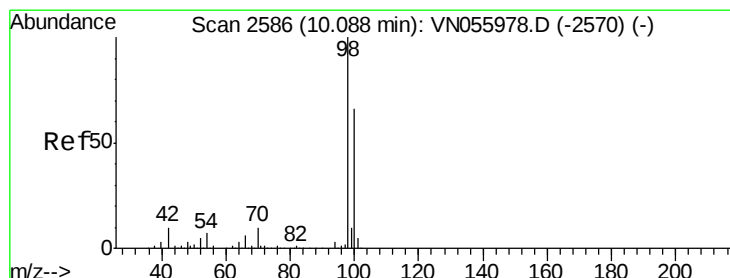
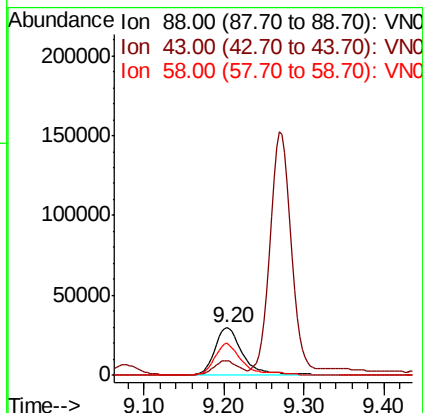
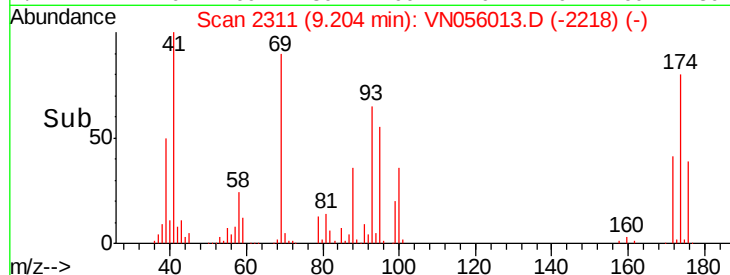
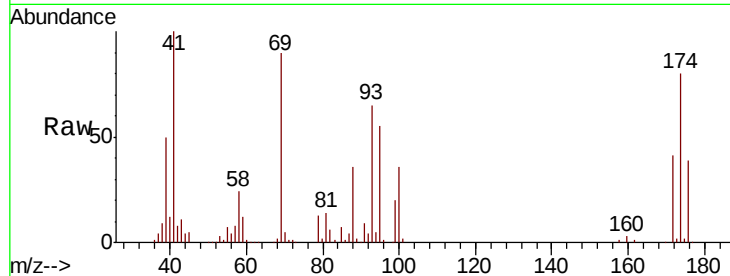
Tot Ion: 88 Resp: 73433

Ion Ratio Lower Upper

88 100

43 25.2 20.5 30.7

58 67.1 55.8 83.6



#50

Toluene-d8

Concen: 50.241 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056013.D

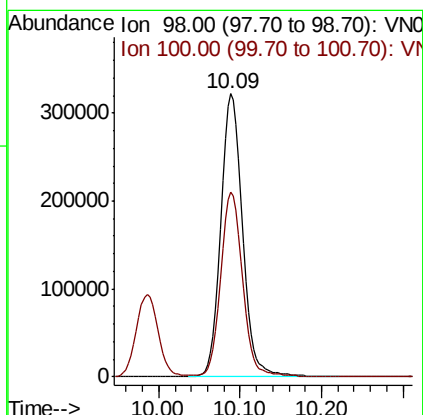
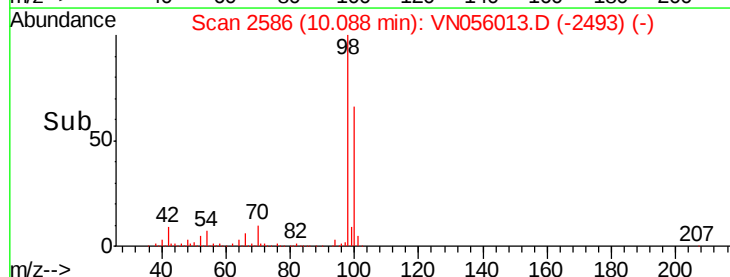
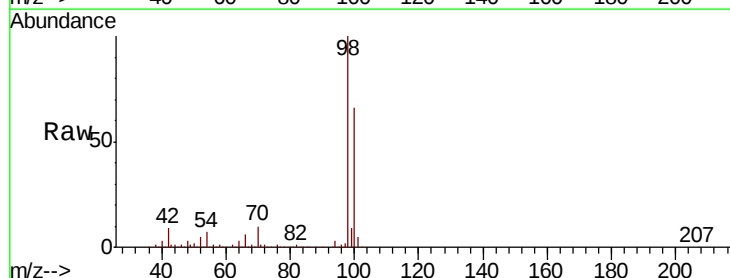
Acq: 5 Jun 2019 17:13

Tgt Ion: 98 Resp: 611428

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 261.338 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

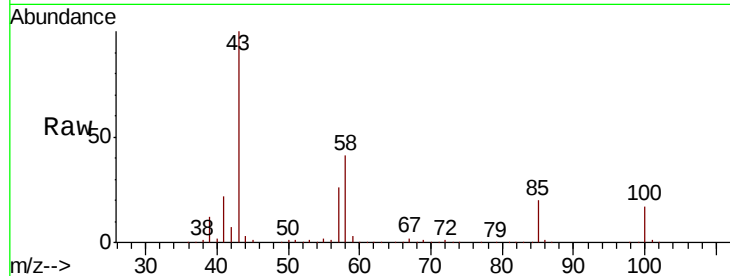
ClientSampled :

Tot Ion: 43 Resp: 1044435

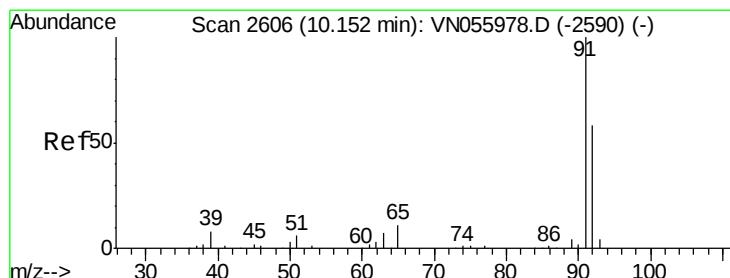
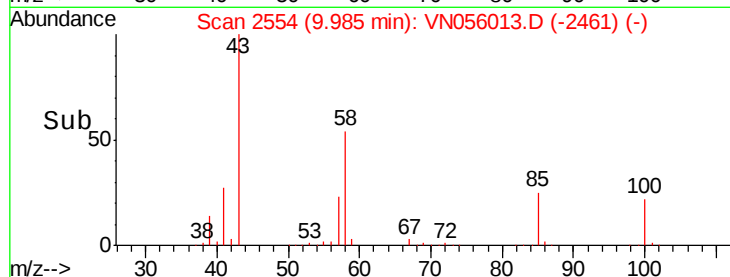
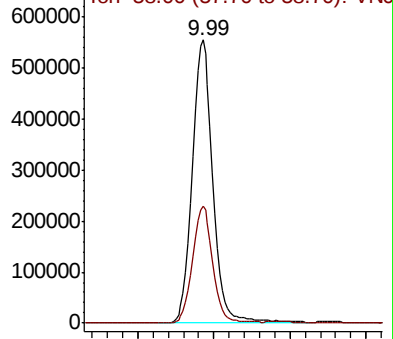
Ion Ratio Lower Upper

43 100

58 40.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)



#52

Toluene

Concen: 50.581 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056013.D

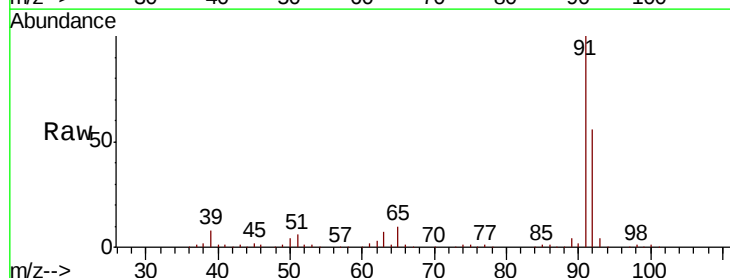
Acq: 5 Jun 2019 17:13

Tgt Ion: 92 Resp: 423717

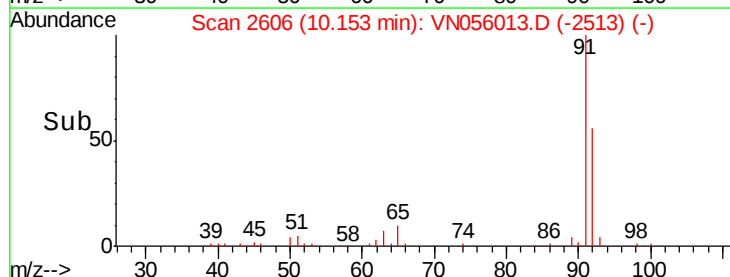
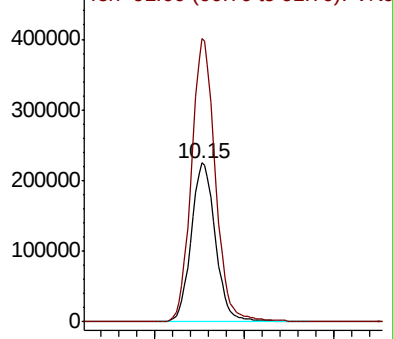
Ion Ratio Lower Upper

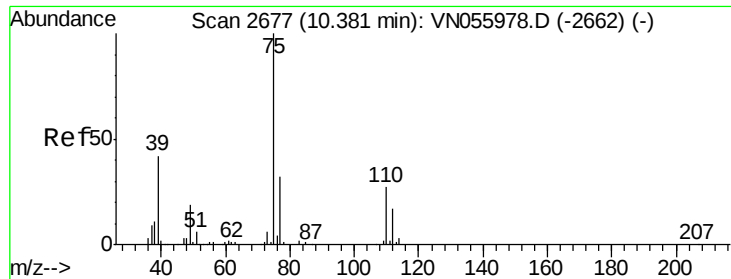
92 100

91 175.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 47.503 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

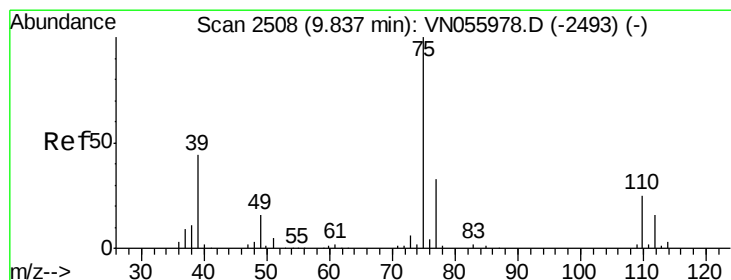
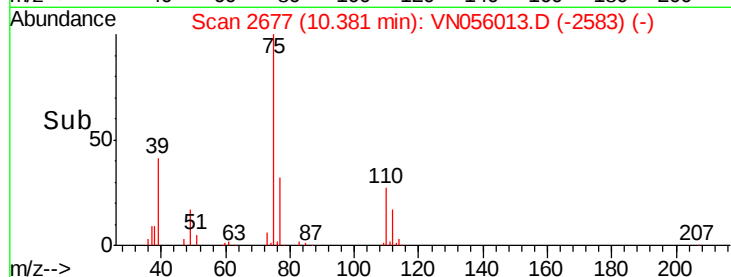
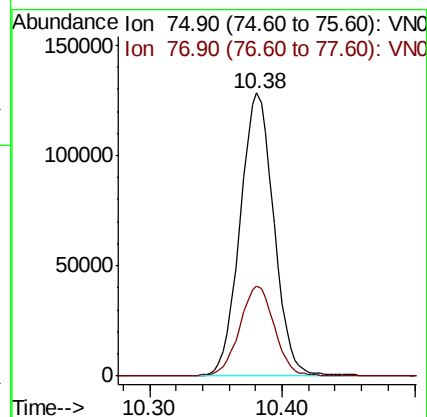
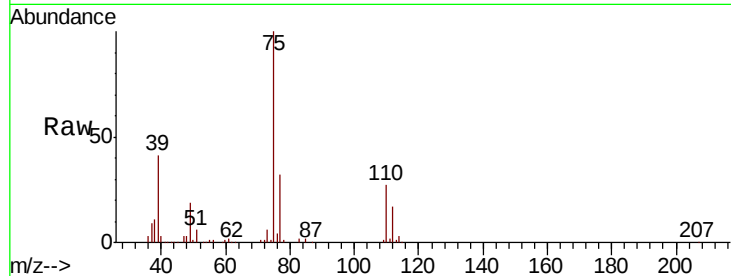
ClientSampled :

Tot Ion: 75 Resp: 227009

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 53.528 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

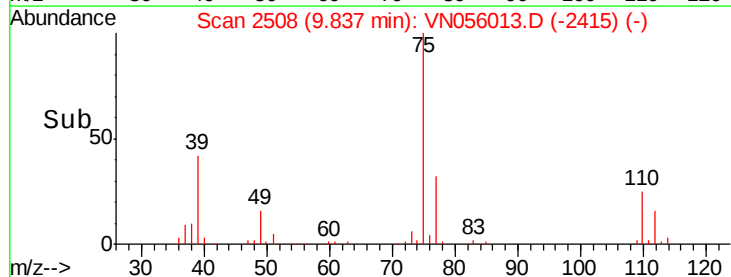
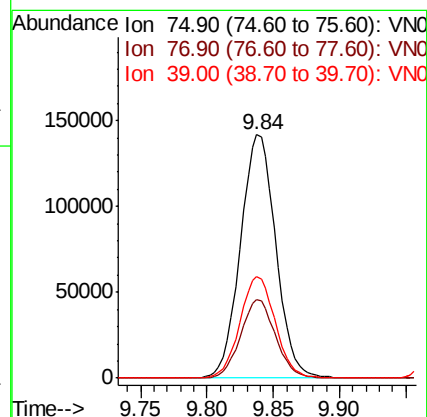
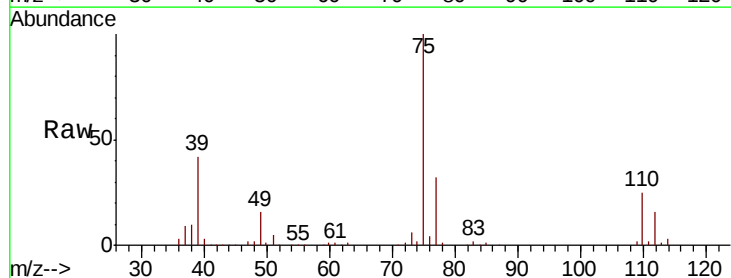
Tgt Ion: 75 Resp: 262954

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 41.9 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 50.779 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 168499

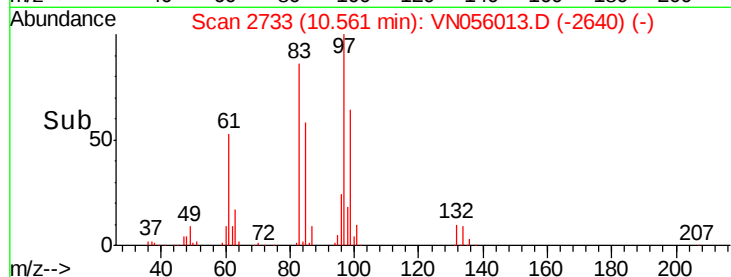
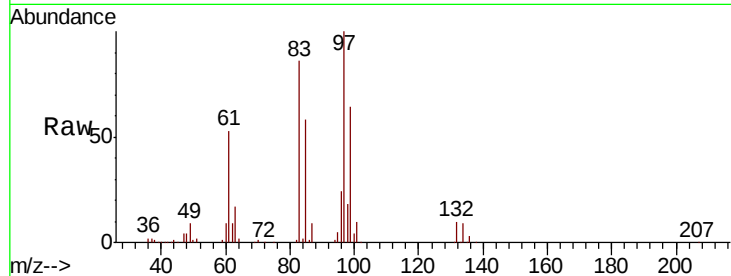
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.0	100.6
85	57.5	44.0	66.0
99	64.2	50.6	75.8

97 100

83 86.3 67.0 100.6

85 57.5 44.0 66.0

99 64.2 50.6 75.8

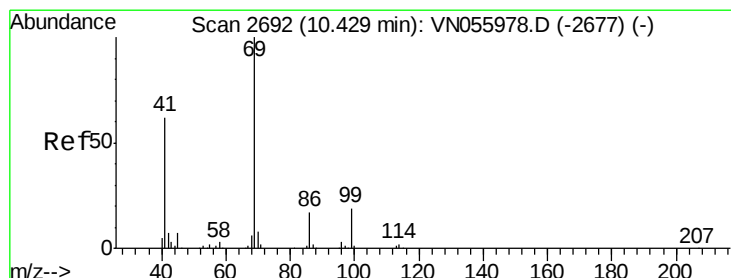
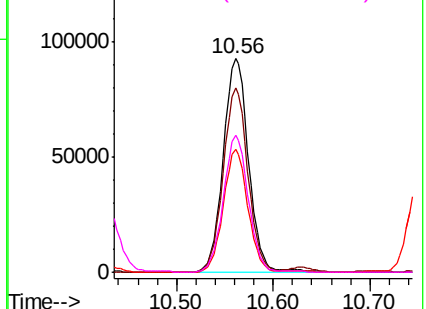


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.012 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

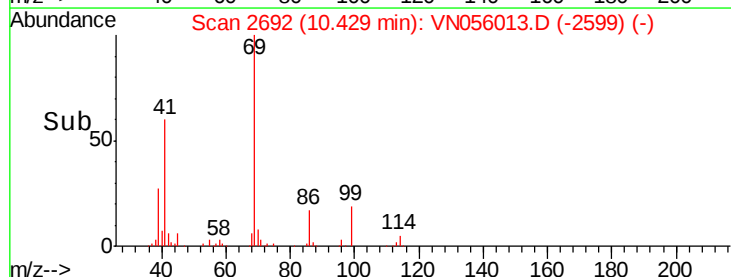
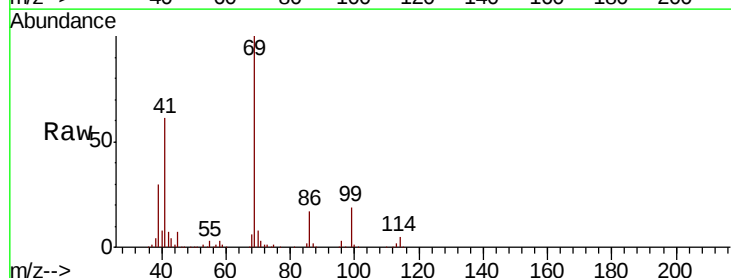
Tgt Ion: 69 Resp: 256631

Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.7	74.5
39	29.2	24.7	37.1

69 100

41 60.7 49.7 74.5

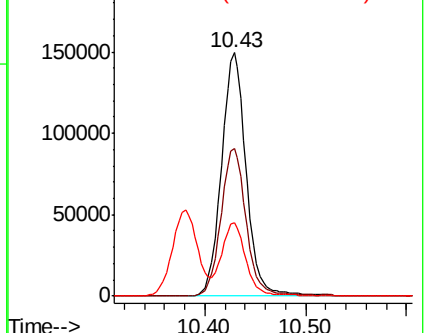
39 29.2 24.7 37.1

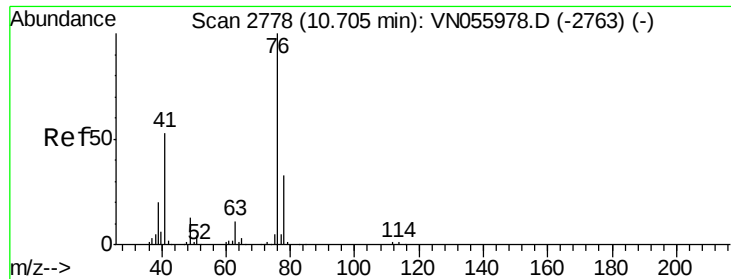


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

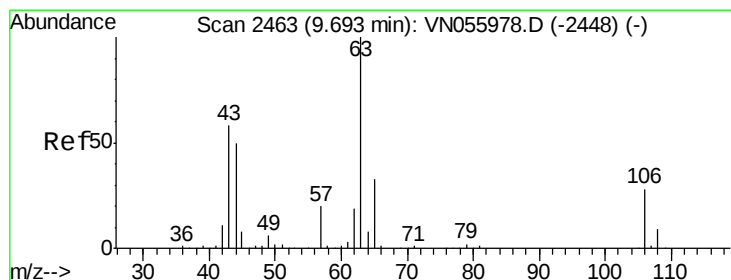
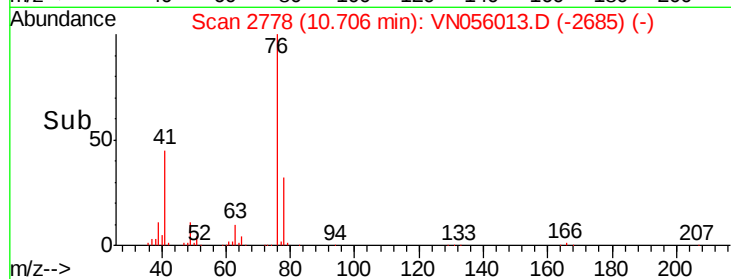
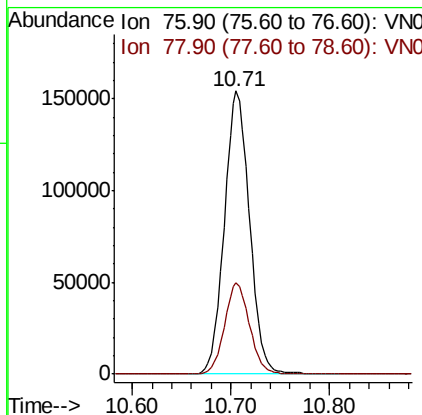
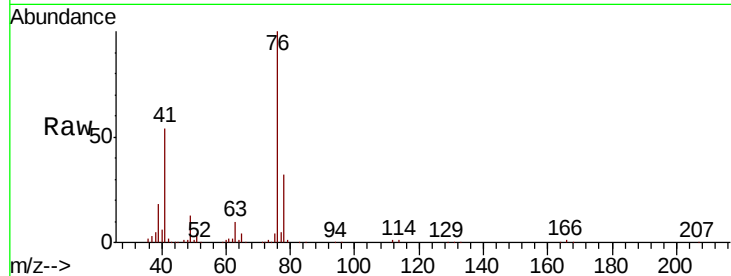




#57
 1,3-Dichloropropane
 Concen: 51.199 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

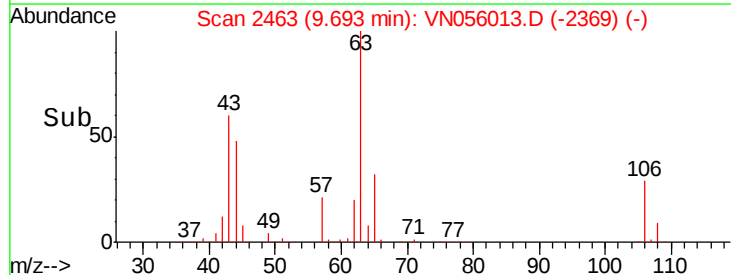
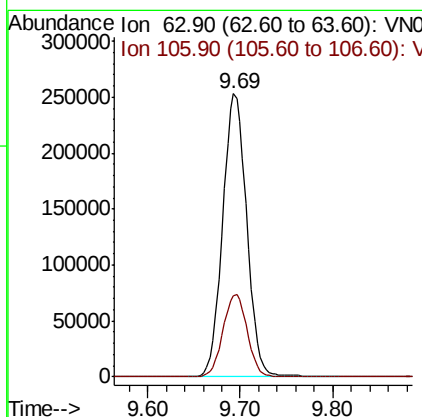
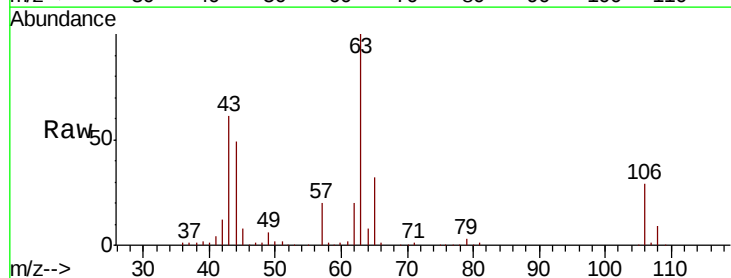
Instrument :
 MSVOA_N
 ClientSampleId :

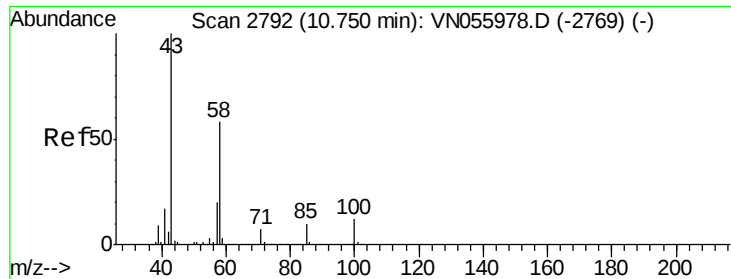
Tot Ion: 76 Resp: 276182
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.079 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion: 63 Resp: 455519
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.7 34.1

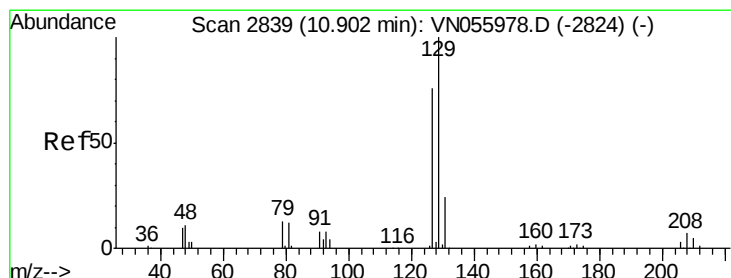
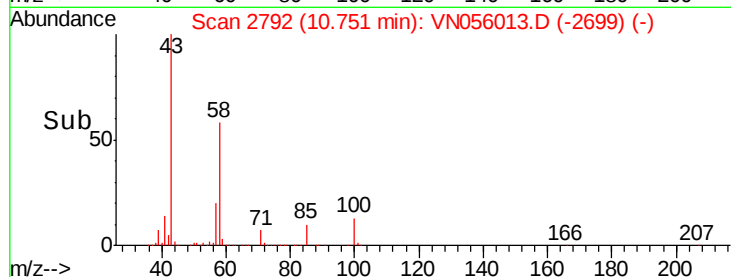
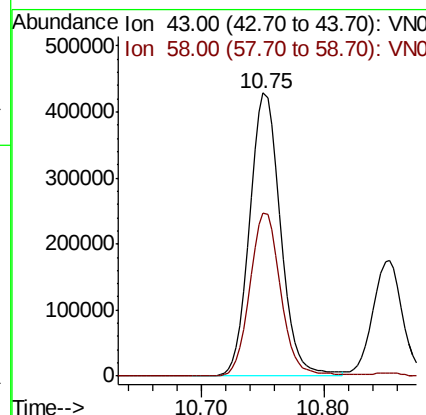
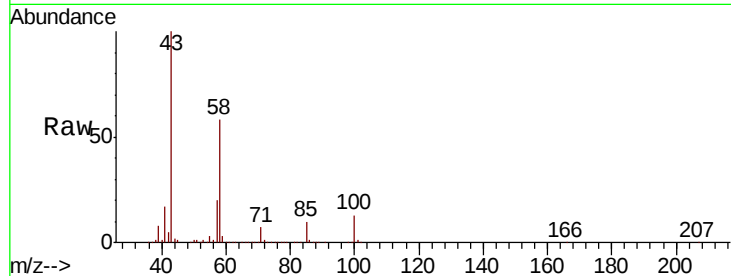




#59
2-Hexanone
Concen: 256.719 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

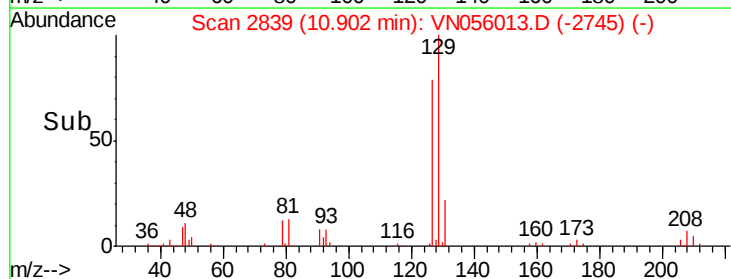
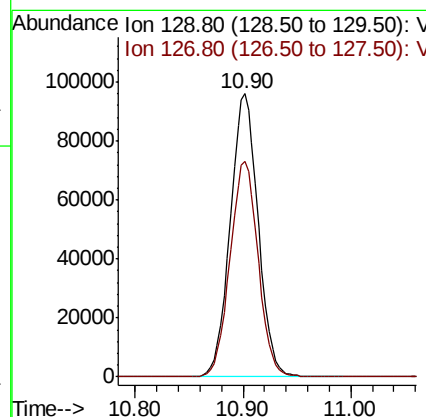
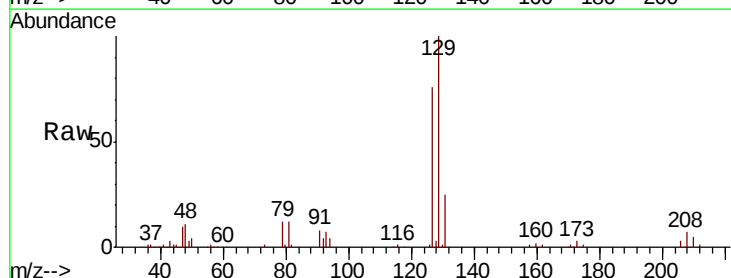
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 743602
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7



#60
Dibromochloromethane
Concen: 47.408 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 129 Resp: 173012
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 52.213 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

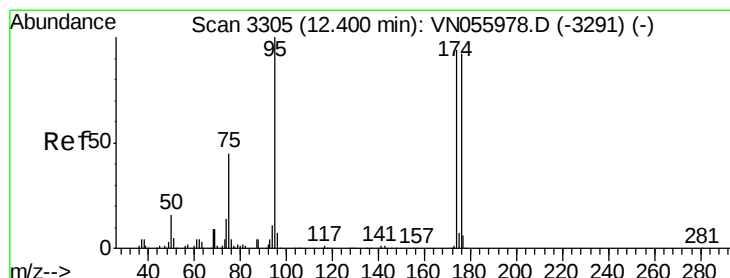
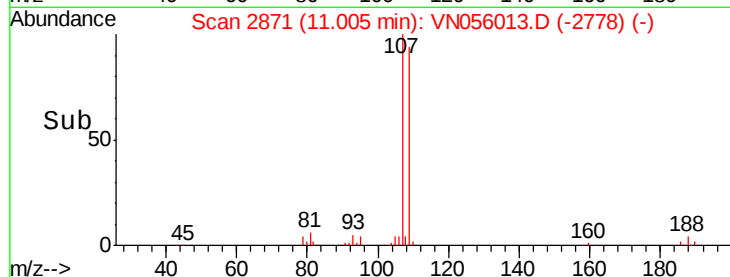
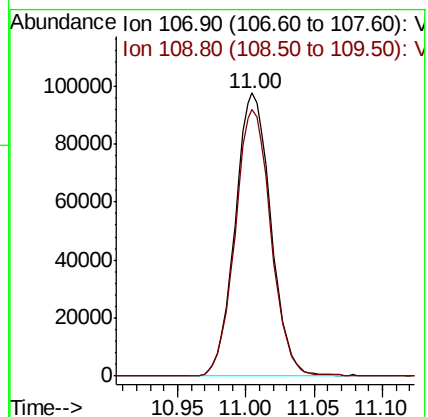
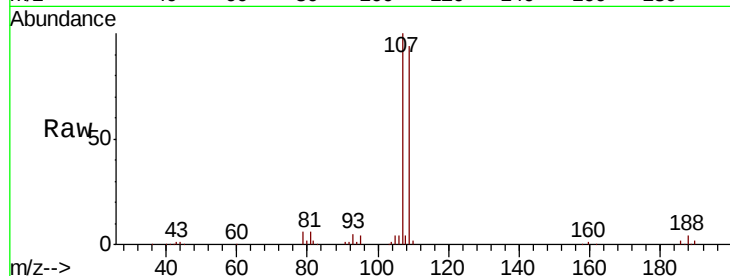
ClientSampled :

Tot Ion:107 Resp: 177123

Ion Ratio Lower Upper

107 100

109 94.8 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.922 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

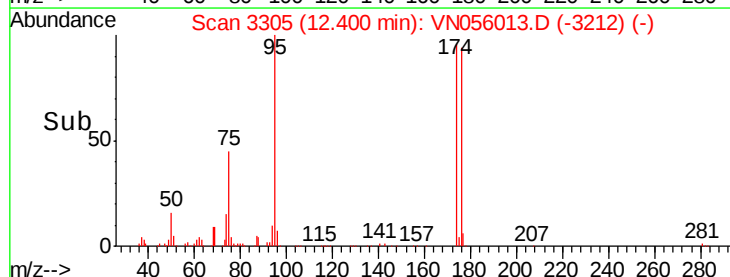
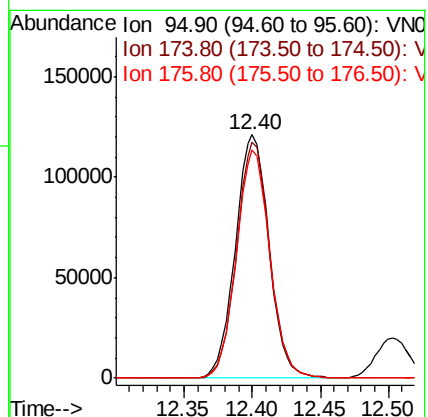
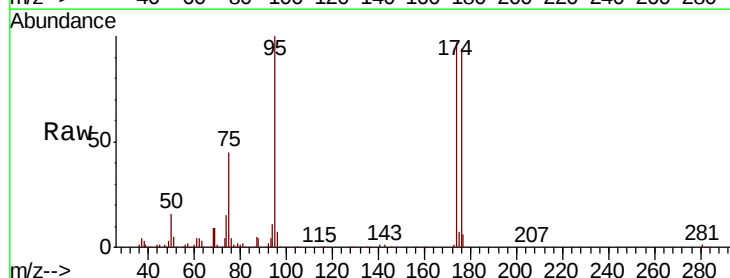
Tgt Ion: 95 Resp: 206610

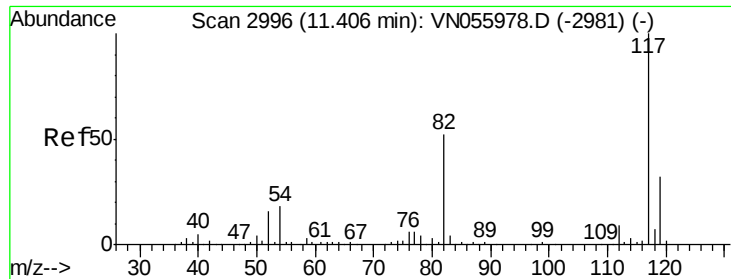
Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

176 93.1 0.0 185.2

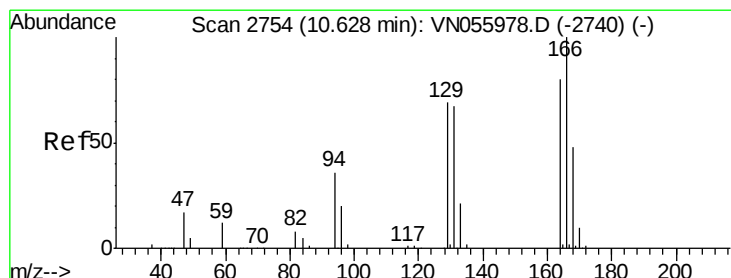
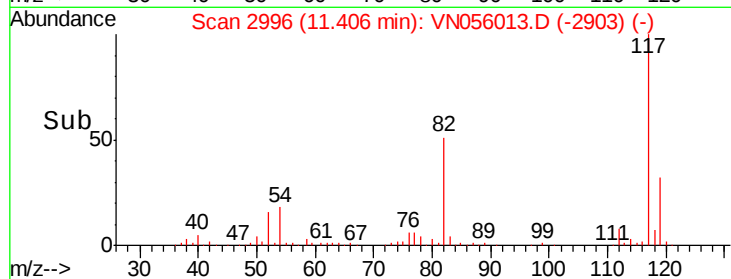
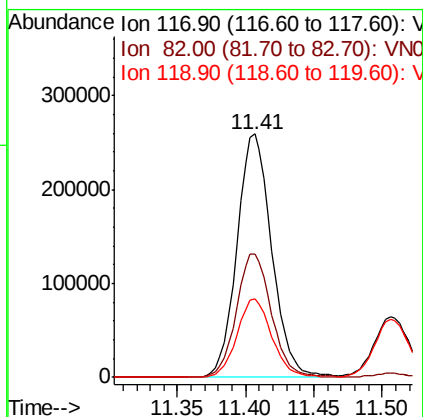
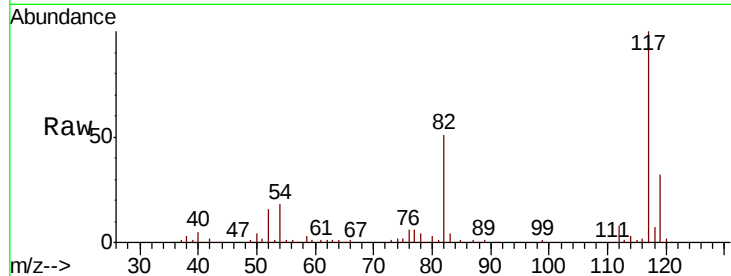




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

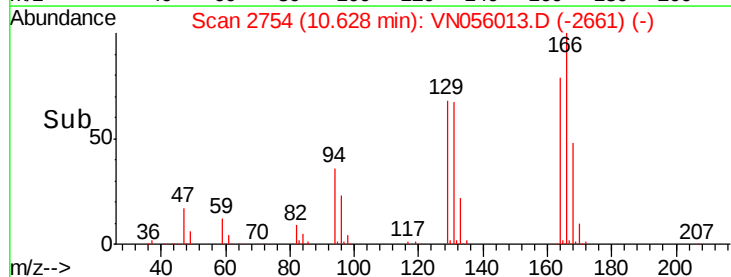
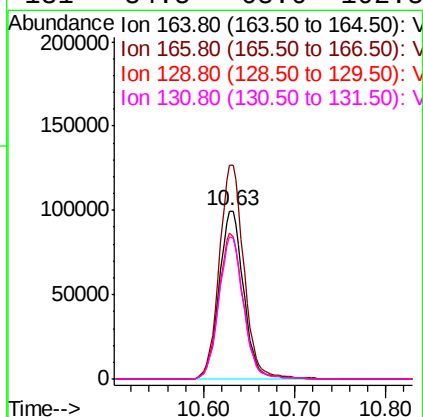
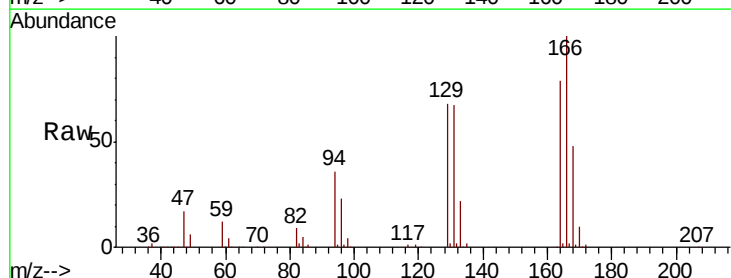
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 459262
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 46.894 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:164 Resp: 186425
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 86.6 70.6 105.8
131 84.5 68.6 102.8

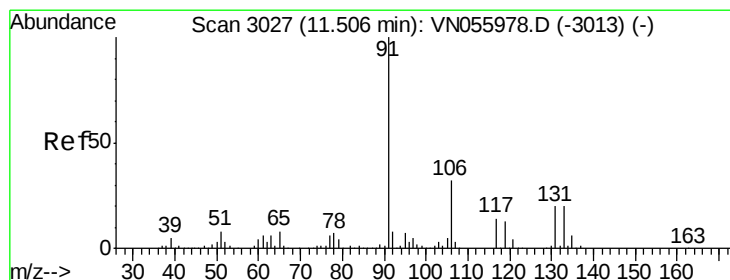
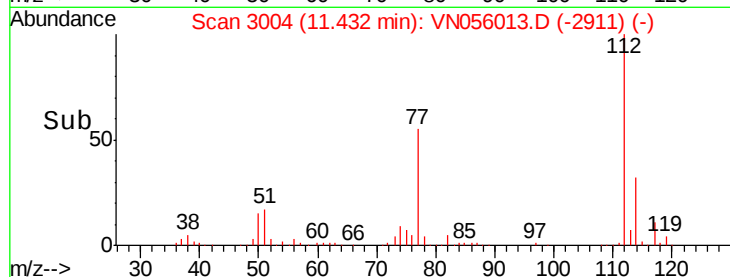
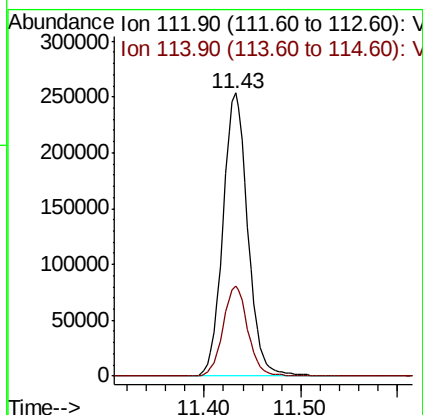
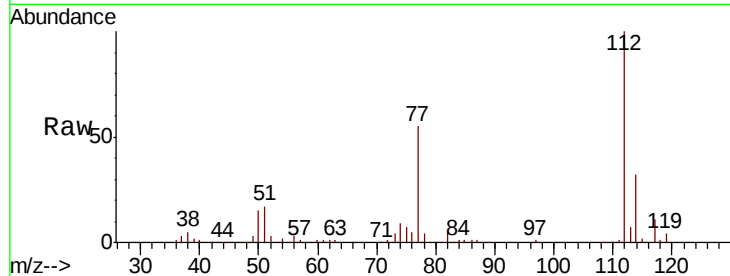




#65
Chlorobenzene
Concen: 49.393 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

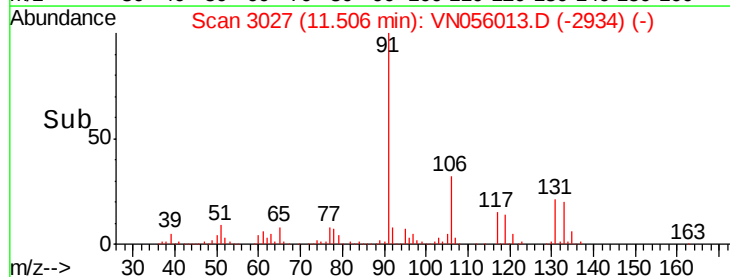
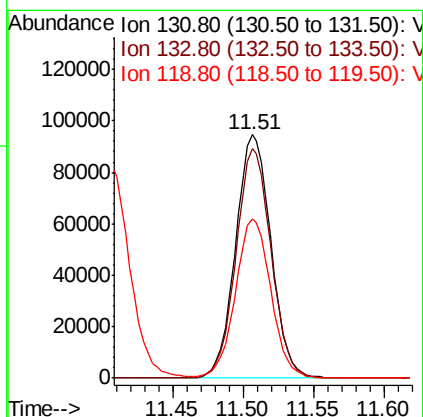
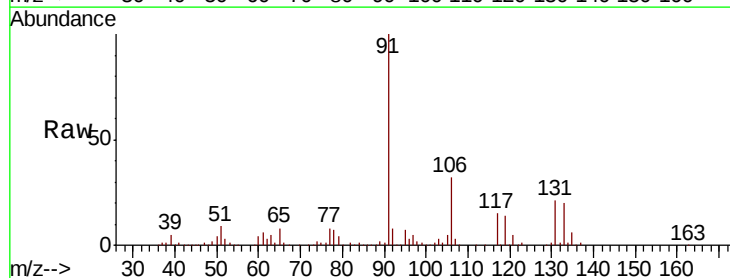
Instrument :
MSVOA_N
ClientSampled :

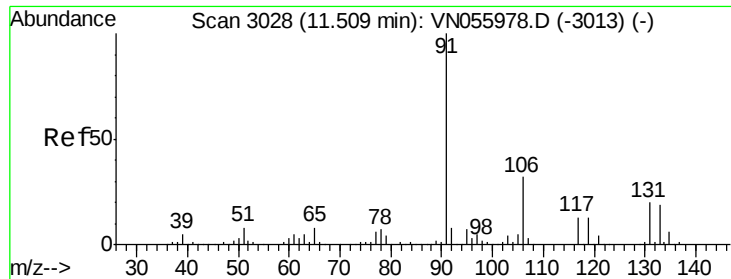
Tot Ion:112 Resp: 451465
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.592 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:131 Resp: 165980
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 65.8 33.1 99.5

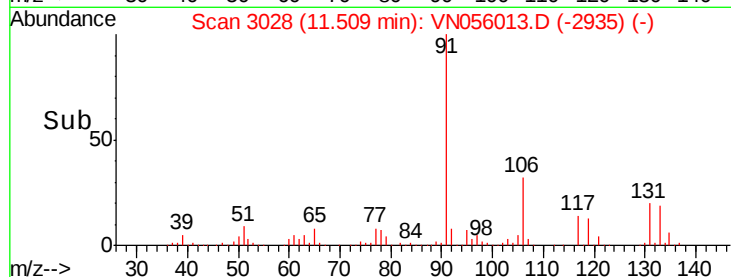
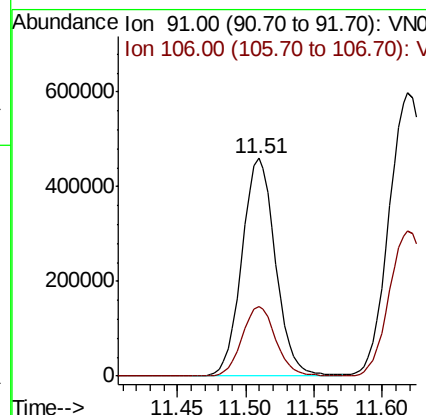
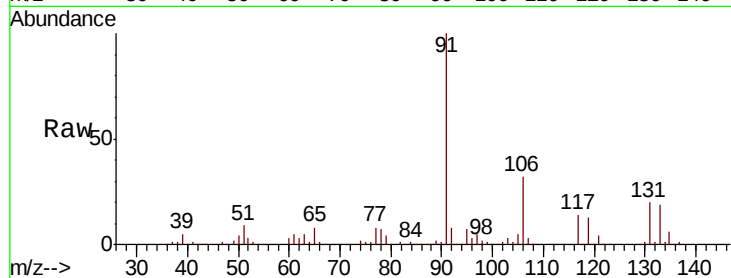




#67
Ethyl Benzene
Concen: 49.563 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

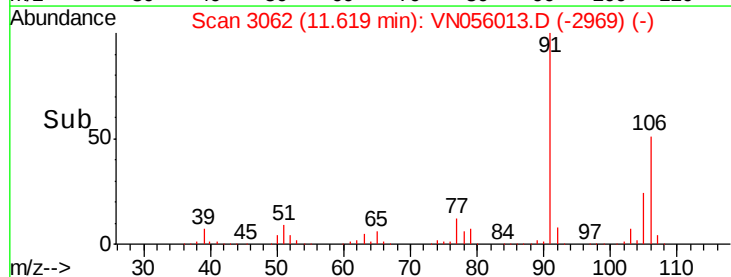
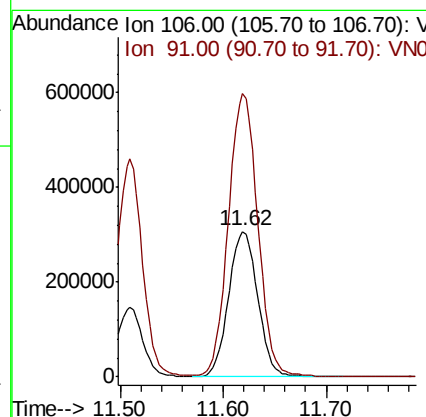
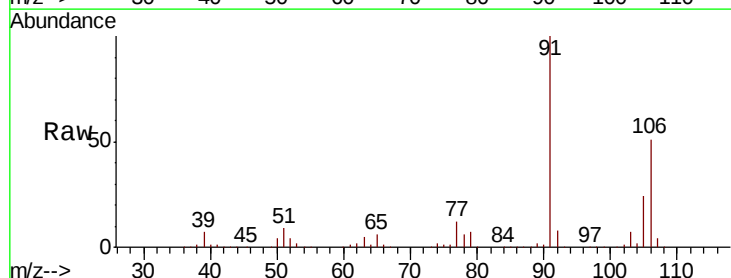
Instrument :
MSVOA_N
ClientSampled :

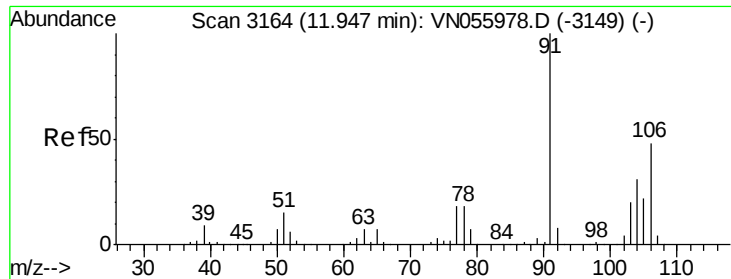
Tot Ion: 91 Resp: 787719
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 100.007 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion: 106 Resp: 607188
Ion Ratio Lower Upper
106 100
91 196.2 159.3 238.9

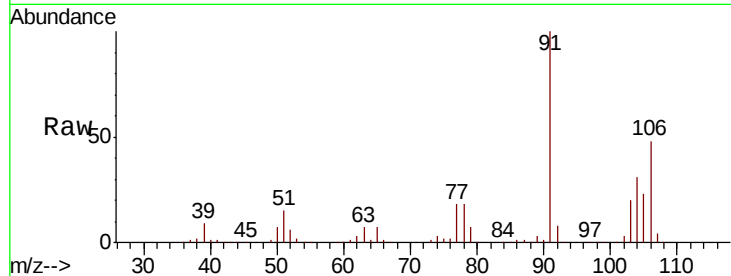




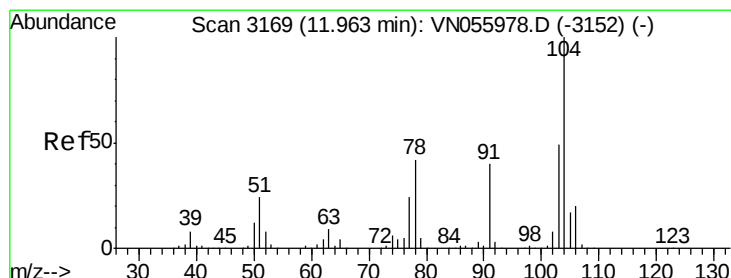
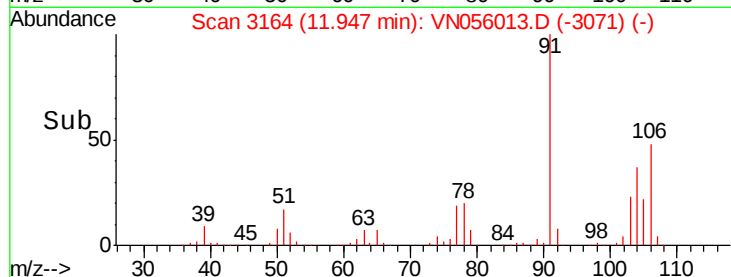
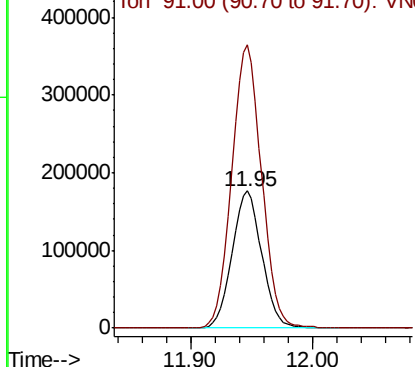
#69
o-Xylene
Concen: 49.927 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 298174
Ion Ratio Lower Upper
106 100
91 207.1 104.7 314.1

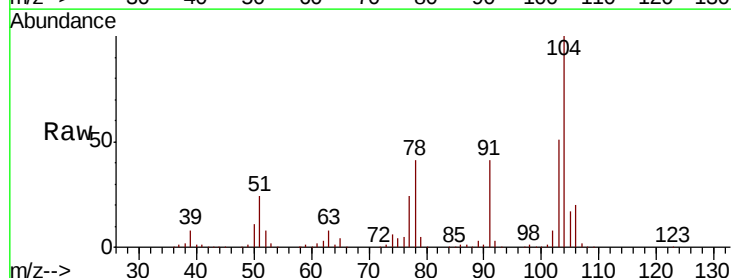


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

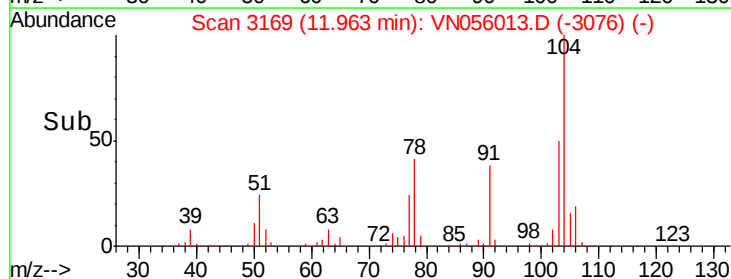
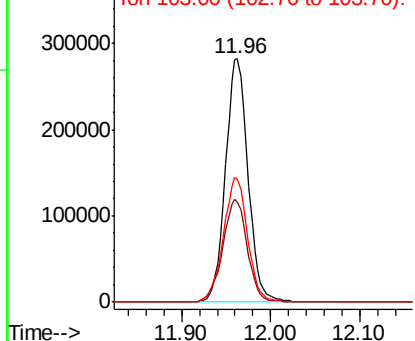


#70
Styrene
Concen: 51.960 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:104 Resp: 493052
Ion Ratio Lower Upper
104 100
78 46.0 37.8 56.6
103 54.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

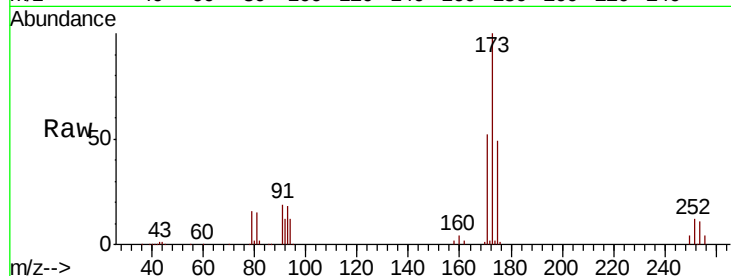




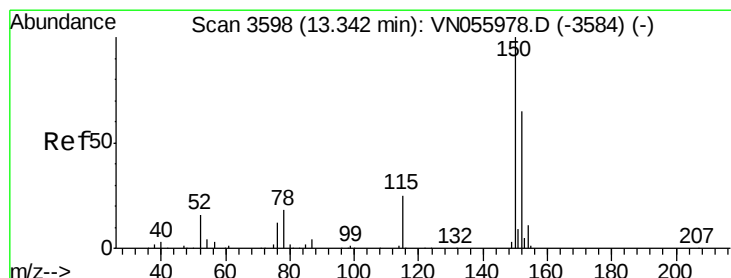
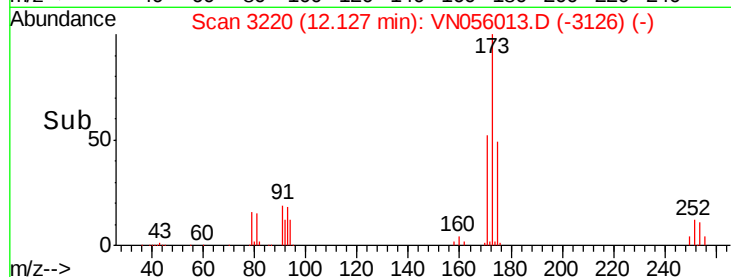
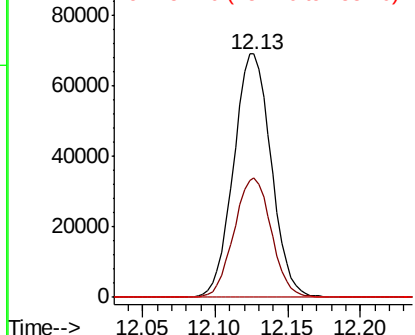
#71
Bromoform
Concen: 47.127 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 124429
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0

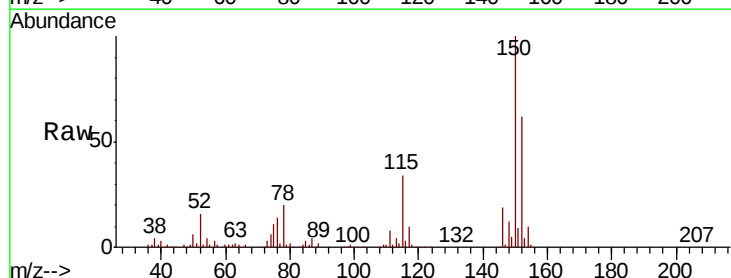


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

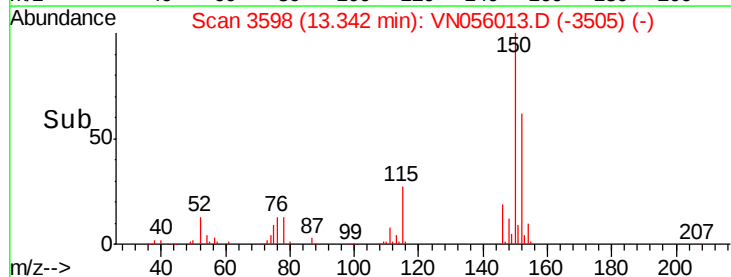
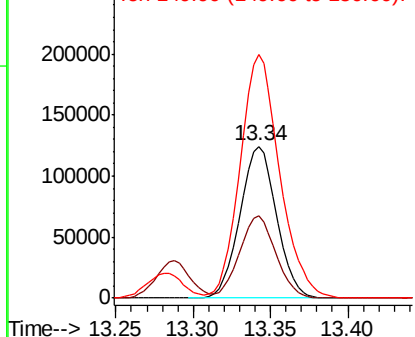


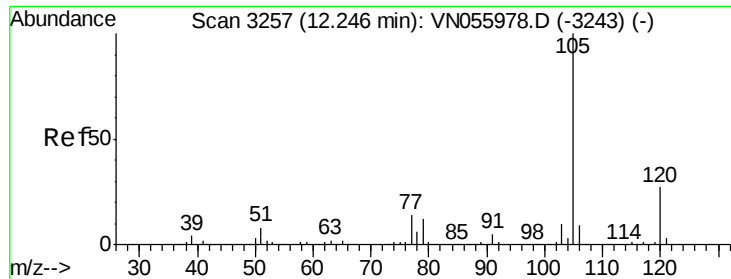
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:152 Resp: 204316
Ion Ratio Lower Upper
152 100
115 53.8 27.0 81.0
150 173.7 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.420 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

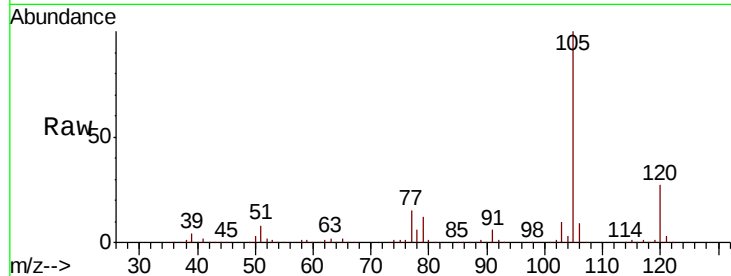
ClientSampled :

Tot Ion:105 Resp: 775586

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

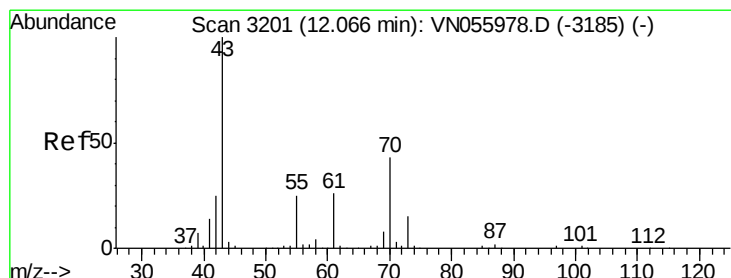
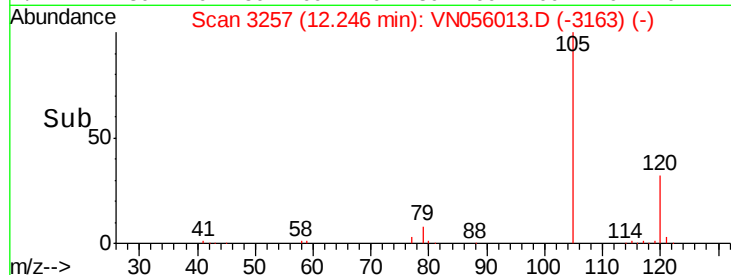
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 50.058 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Tgt Ion: 43 Resp: 272632

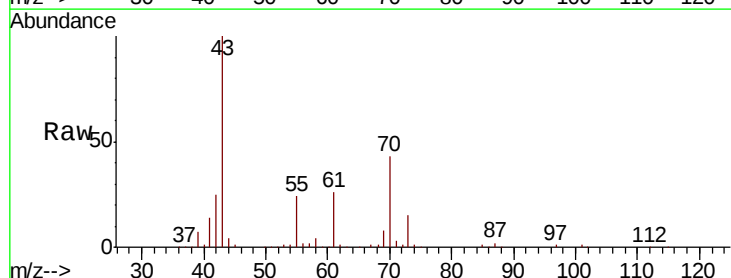
Ion Ratio Lower Upper

43 100

70 44.2 34.0 51.0

55 24.8 18.6 28.0

61 25.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

150000

100000

50000

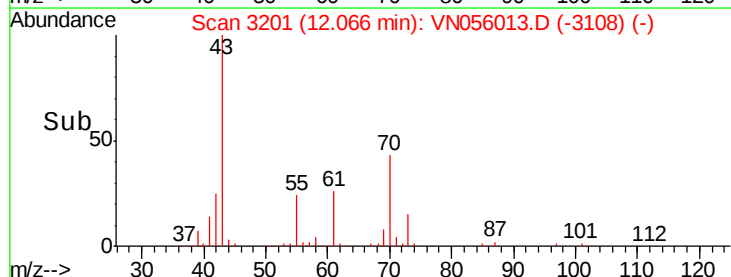
0

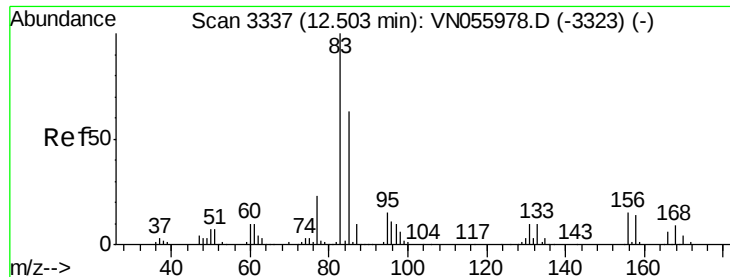
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.767 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

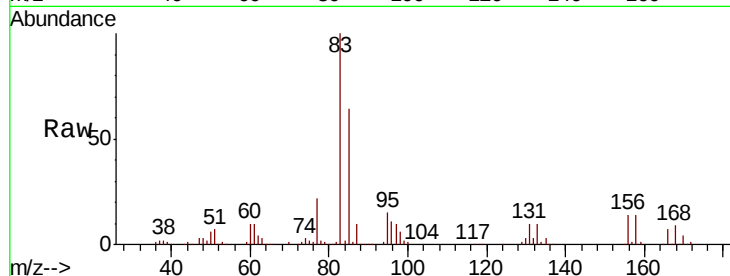
Tot Ion: 83 Resp: 231307

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	64.4	32.4	97.0

83 100

131 10.5 5.4 16.2

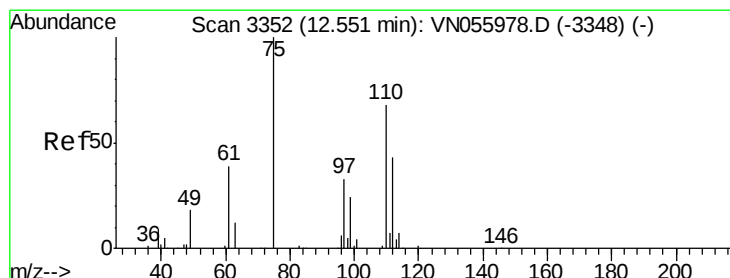
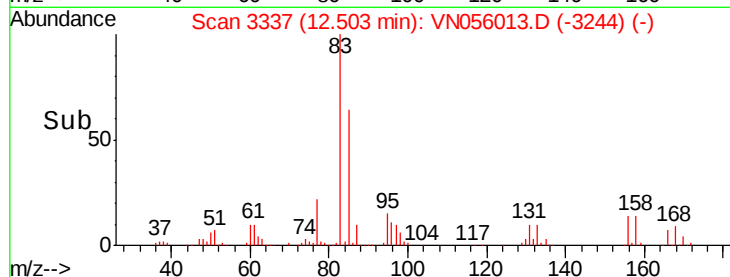
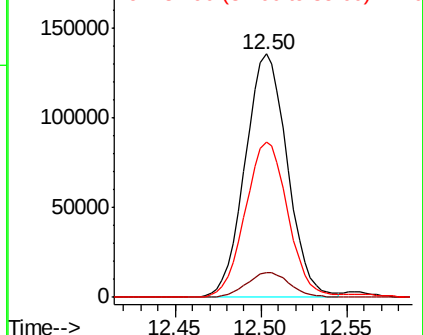
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 72.833 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056013.D

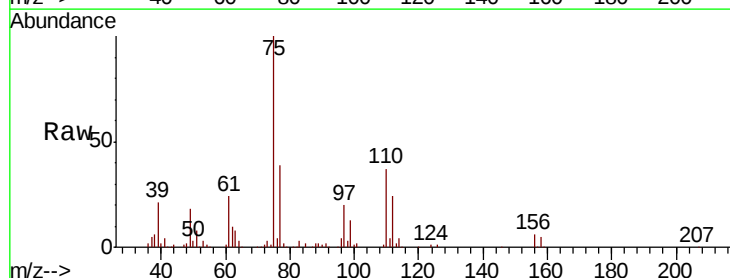
Acq: 5 Jun 2019 17:13

Tgt Ion: 75 Resp: 273816

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

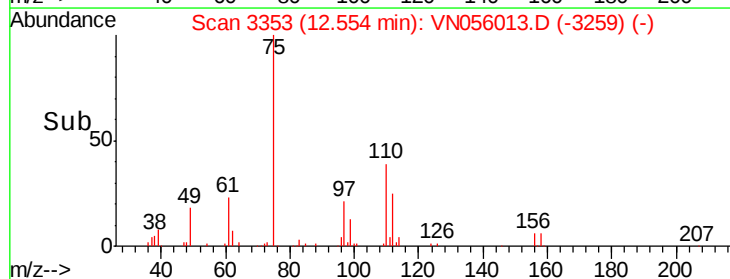
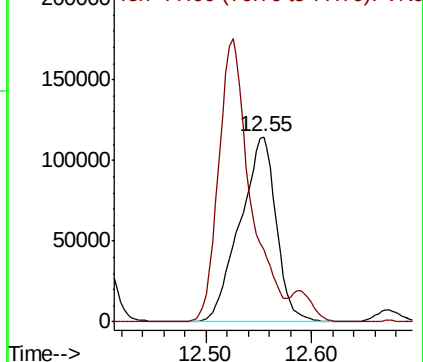
75 100

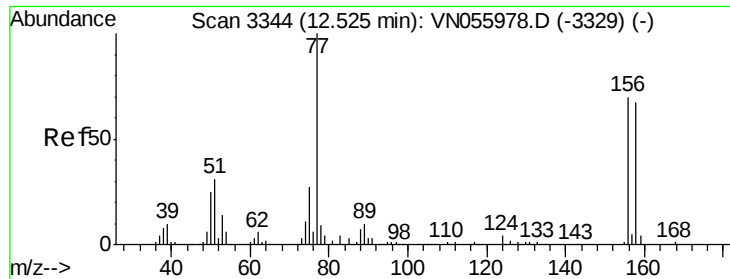
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.583 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

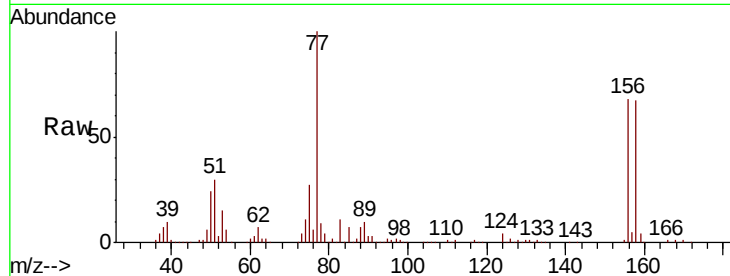
Tot Ion:156 Resp: 208147

Ion Ratio Lower Upper

156 100

77 176.2 90.8 272.5

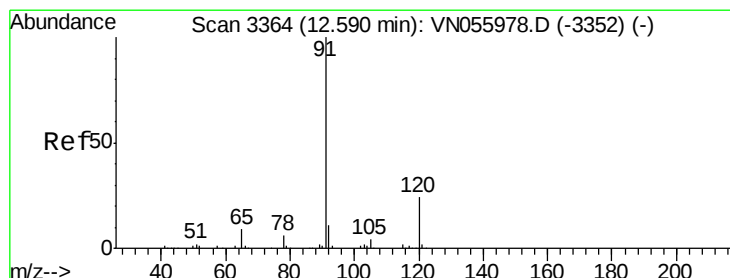
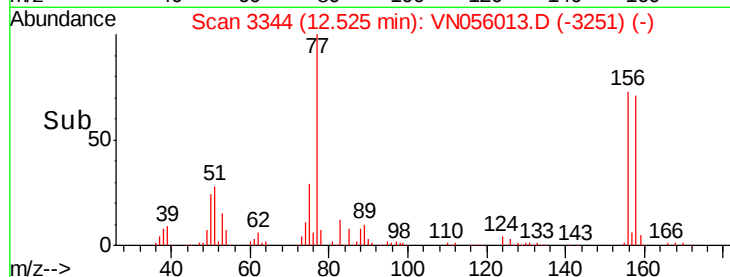
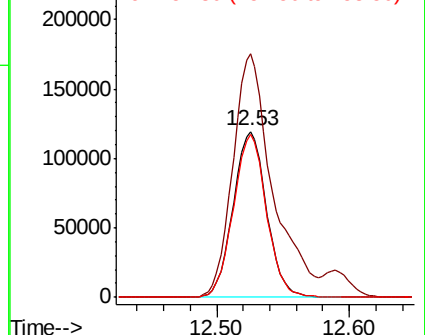
158 97.4 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.031 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056013.D

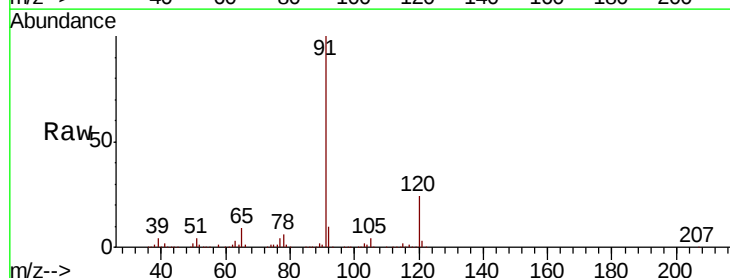
Acq: 5 Jun 2019 17:13

Tgt Ion: 91 Resp: 830213

Ion Ratio Lower Upper

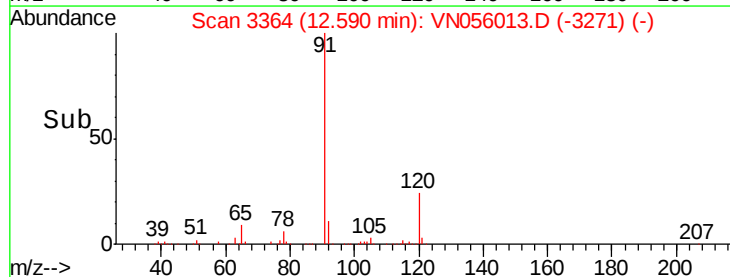
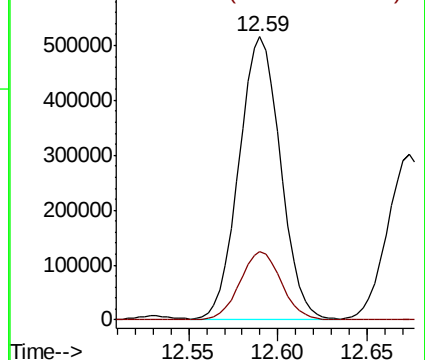
91 100

120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.197 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

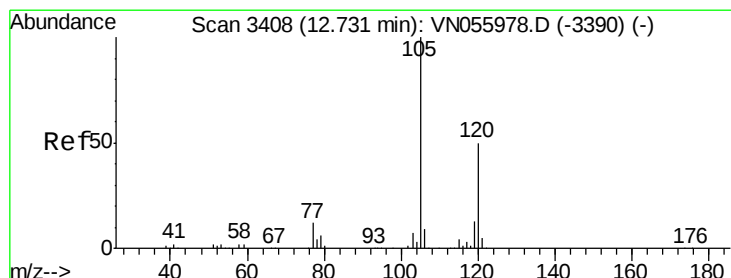
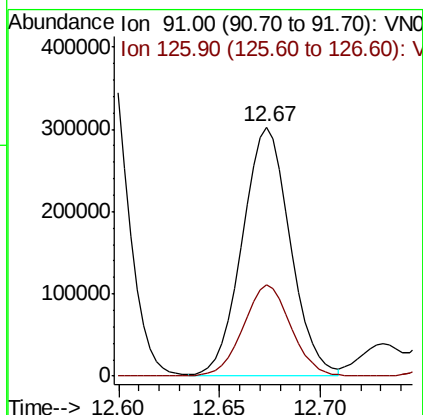
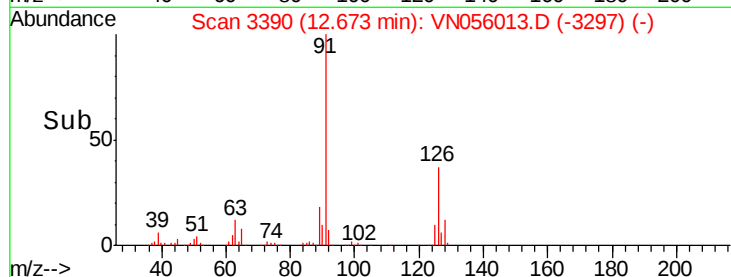
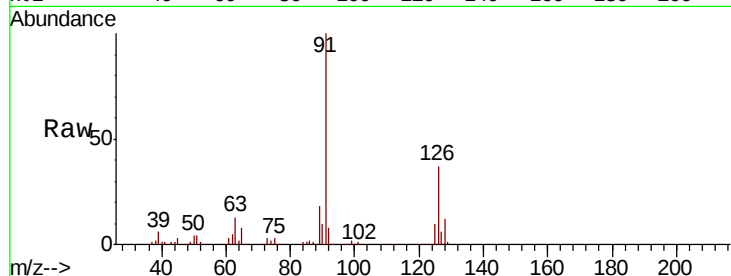
ClientSampleId :

Tot Ion: 91 Resp: 499462

Ion Ratio Lower Upper

91 100

126 36.7 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.392 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056013.D

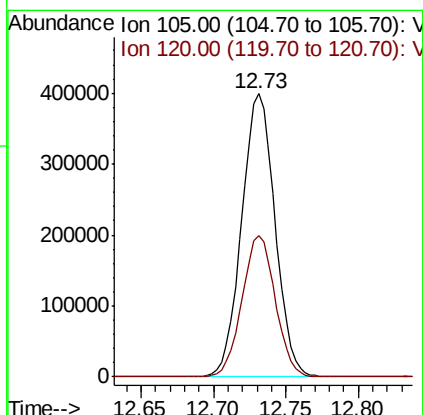
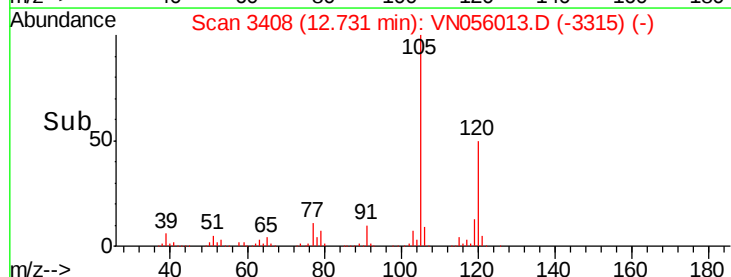
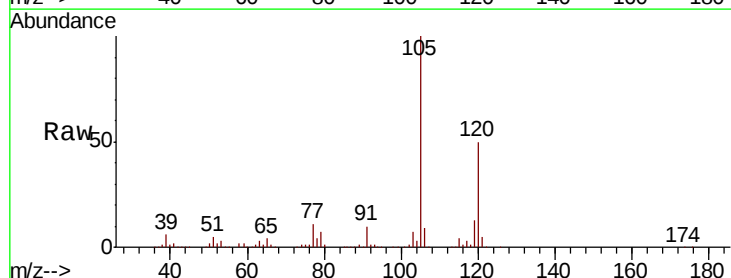
Acq: 5 Jun 2019 17:13

Tgt Ion: 105 Resp: 637308

Ion Ratio Lower Upper

105 100

120 49.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 55.416 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

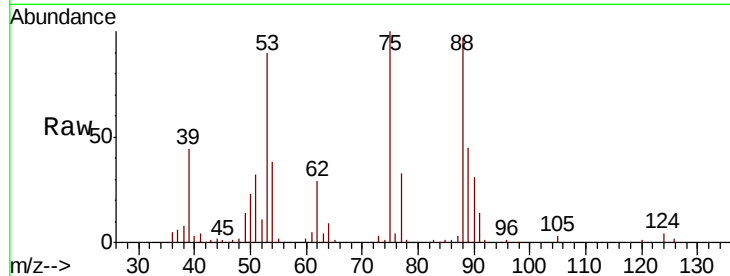
Tot Ion: 75 Resp: 62560

Ion Ratio Lower Upper

75 100

53 91.5 68.1 102.1

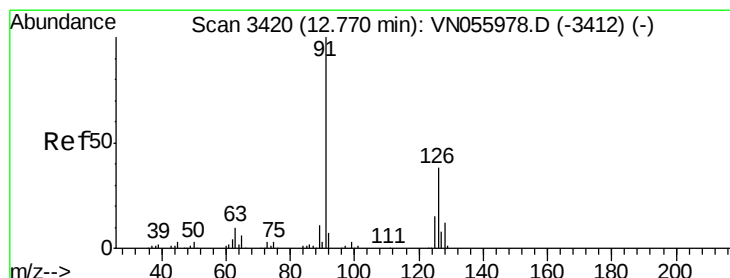
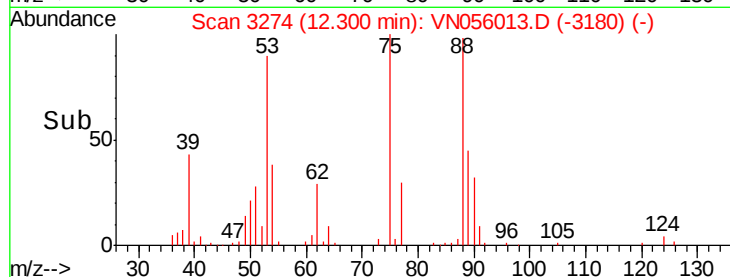
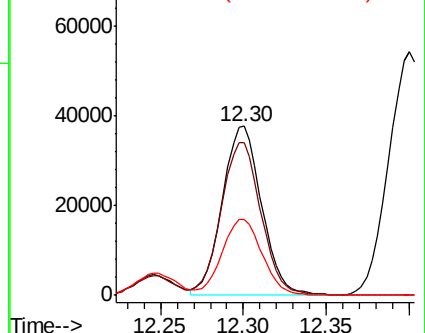
89 45.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 47.764 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056013.D

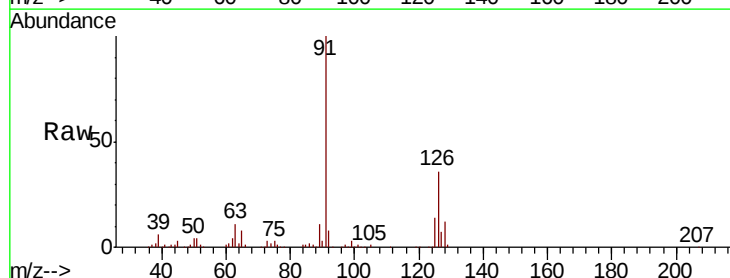
Acq: 5 Jun 2019 17:13

Tgt Ion: 91 Resp: 483016

Ion Ratio Lower Upper

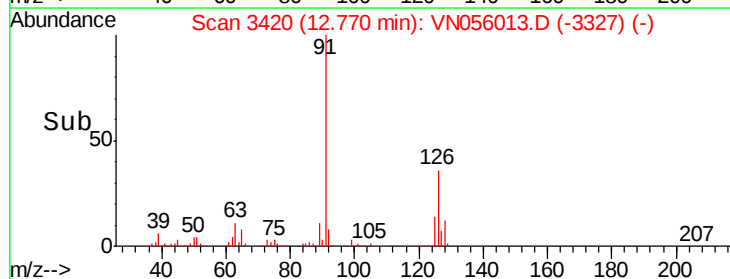
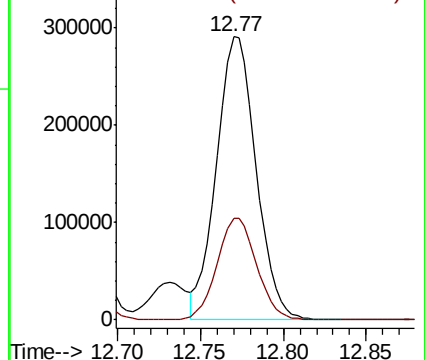
91 100

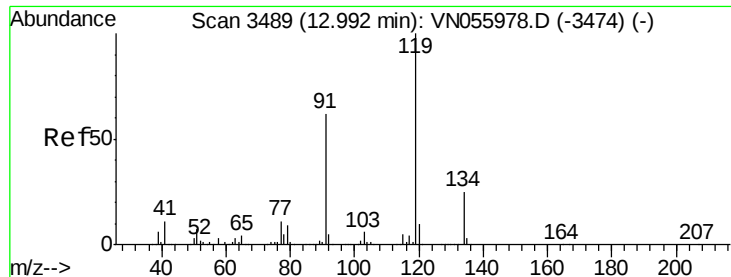
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)

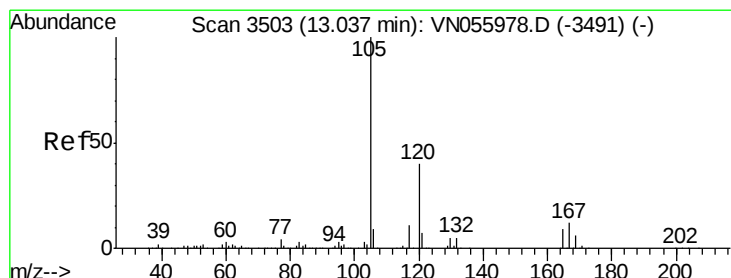
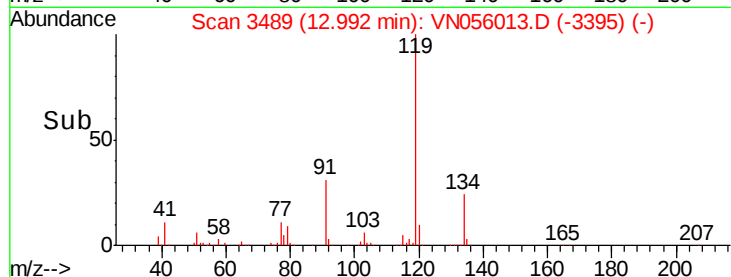
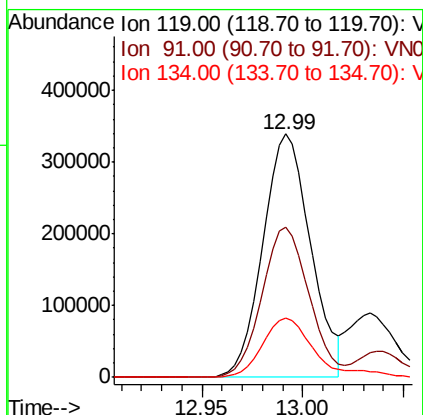
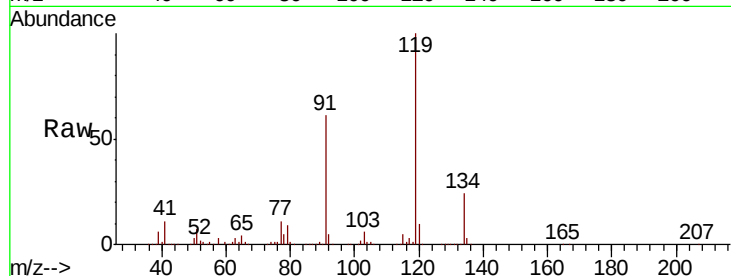




#83
tert-Butylbenzene
Concen: 52.594 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

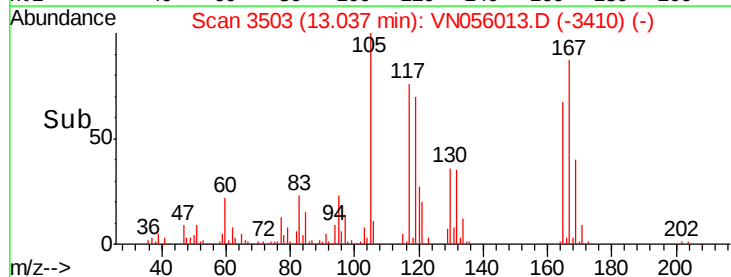
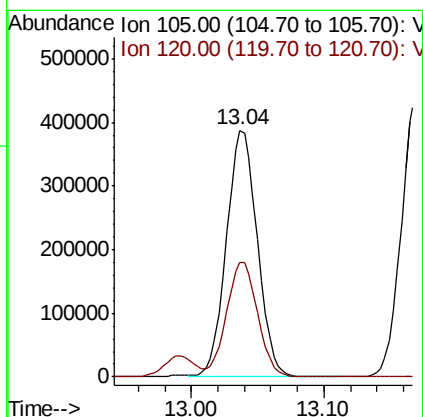
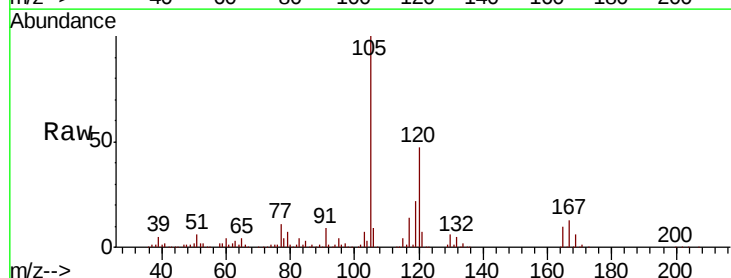
Instrument :
MSVOA_N
ClientSampled :

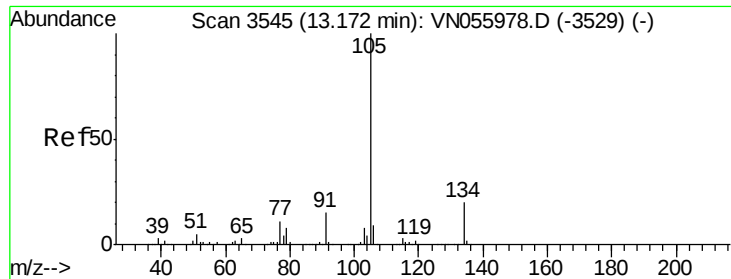
Tot Ion:119 Resp: 559078
Ion Ratio Lower Upper
119 100
91 60.9 30.9 92.8
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.982 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:105 Resp: 625075
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0

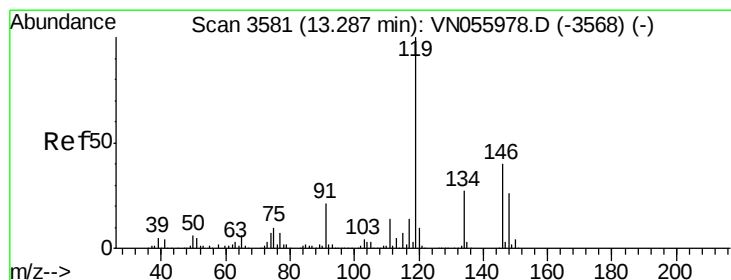
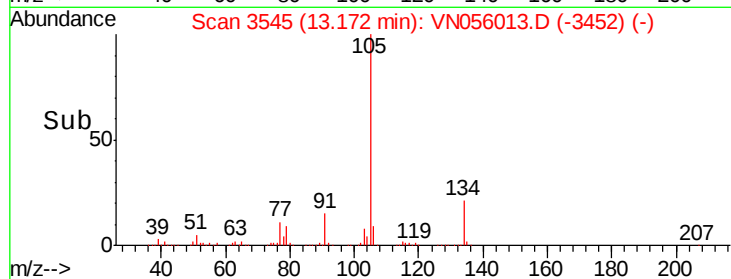
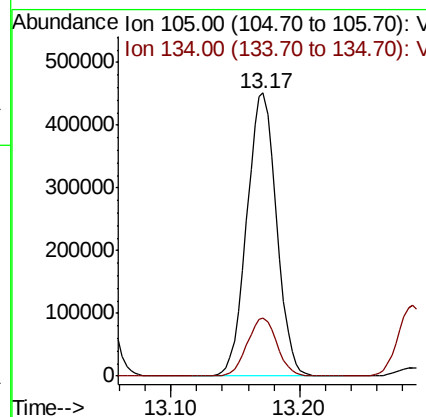
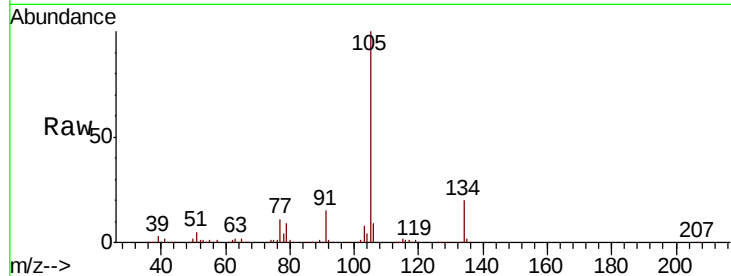




#85
 sec-Butylbenzene
 Concen: 47.156 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

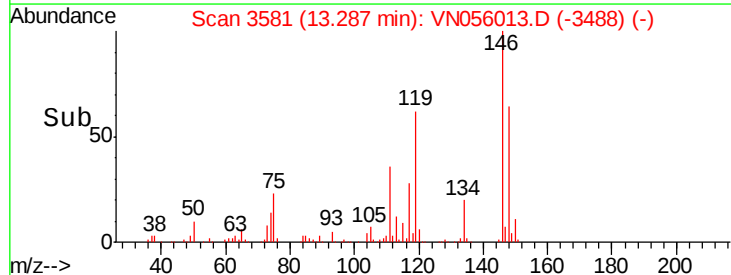
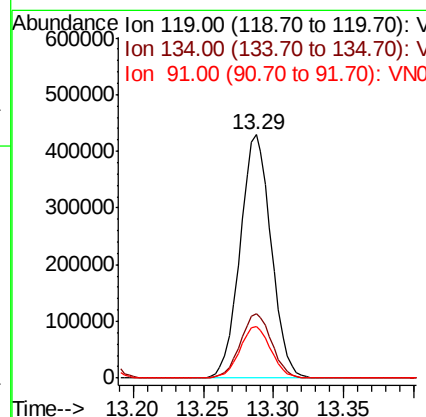
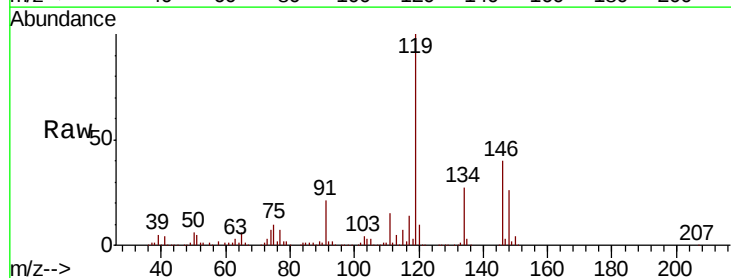
Instrument :
 MSVOA_N
 ClientSampled :

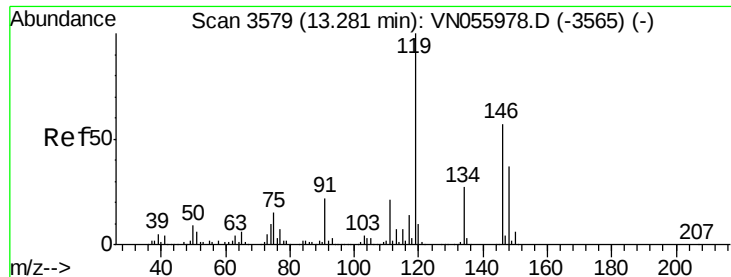
Tot Ion:105 Resp: 721833
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.129 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion:119 Resp: 659355
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 21.1 10.9 32.9

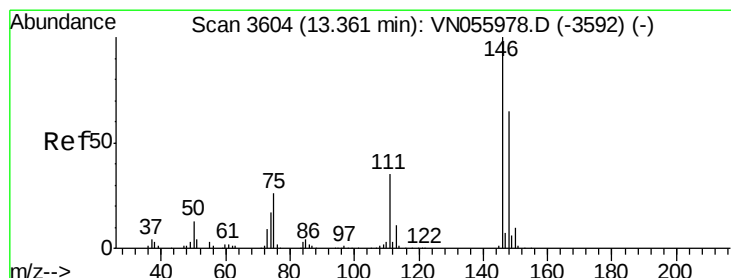
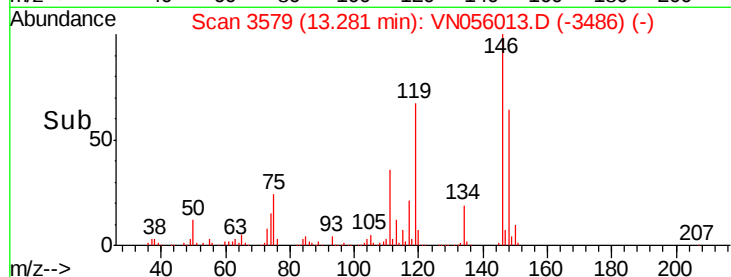
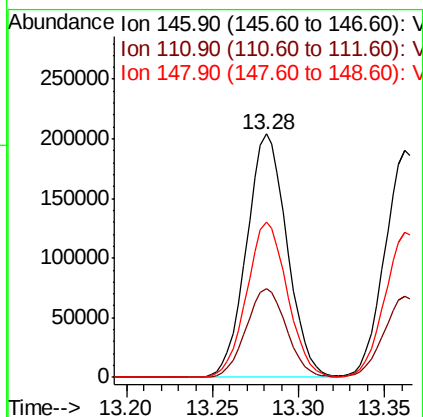
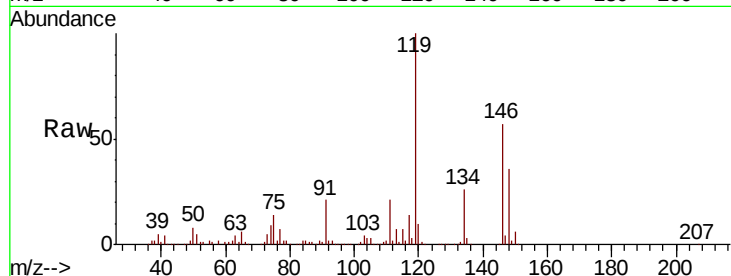




#87
 1,3-Dichlorobenzene
 Concen: 49.176 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

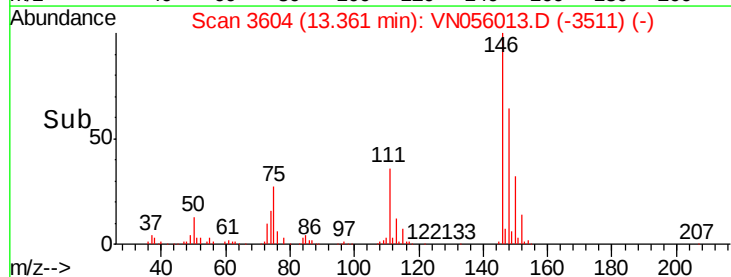
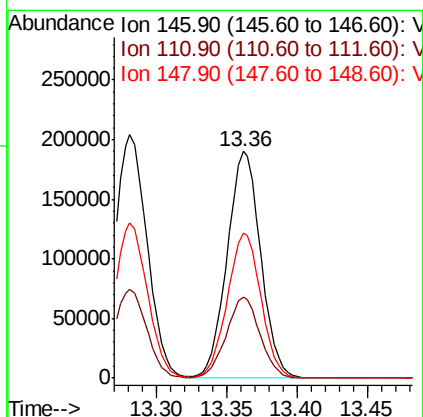
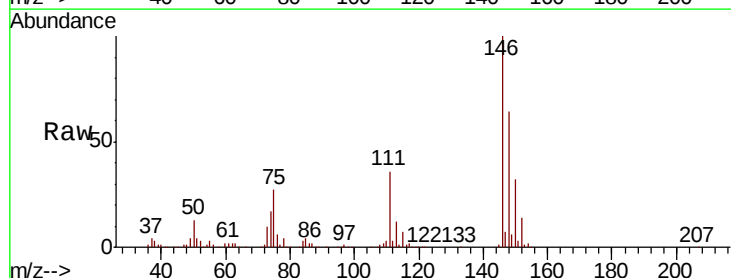
Instrument :
 MSVOA_N
 ClientSampled :

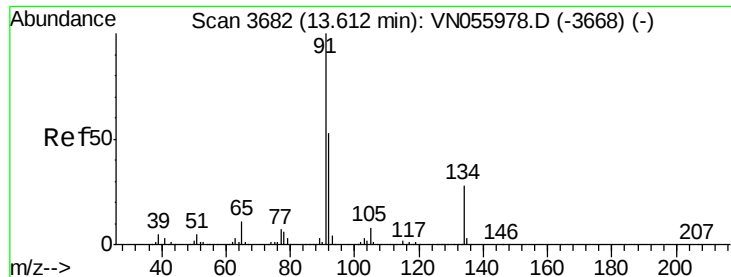
Tot Ion:146 Resp: 332934
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.559 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion:146 Resp: 316248
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.4
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 49.483 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

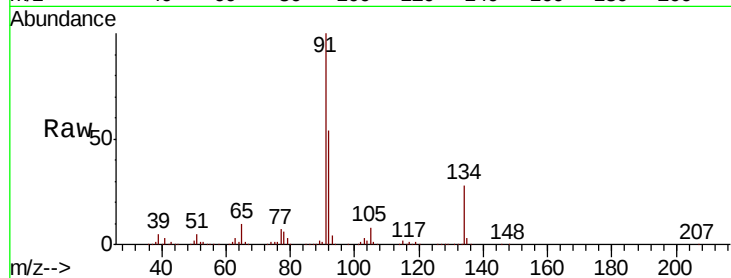
Tot Ion: 91 Resp: 502179

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.0

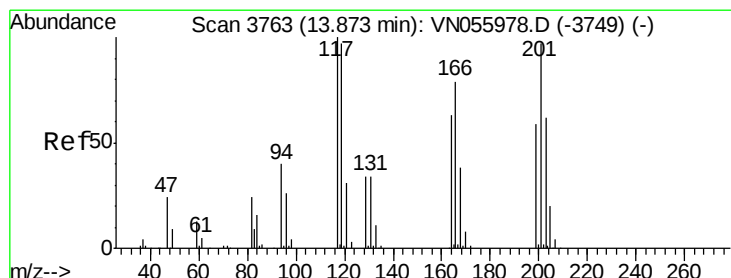
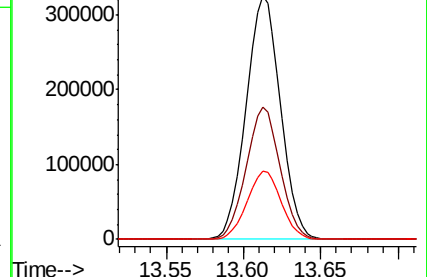
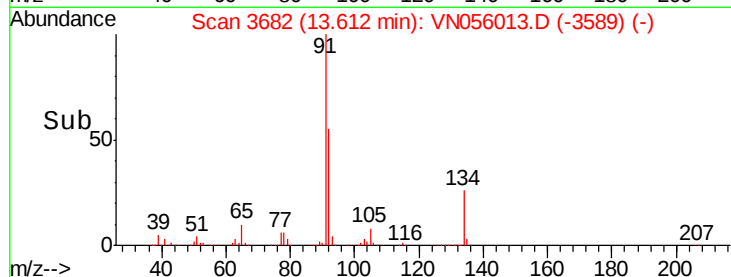
134 27.9 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 49.449 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056013.D

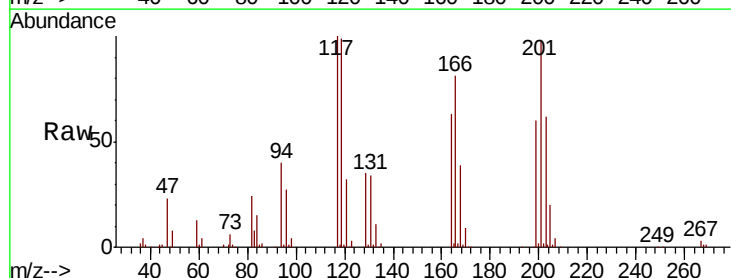
Acq: 5 Jun 2019 17:13

Tgt Ion: 117 Resp: 102163

Ion Ratio Lower Upper

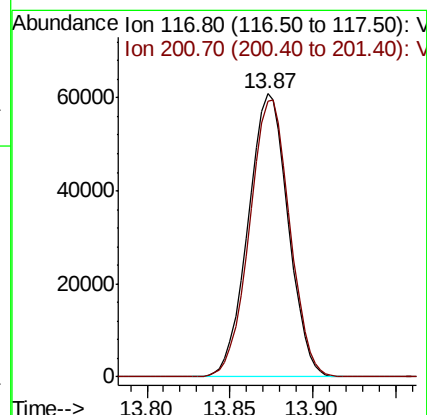
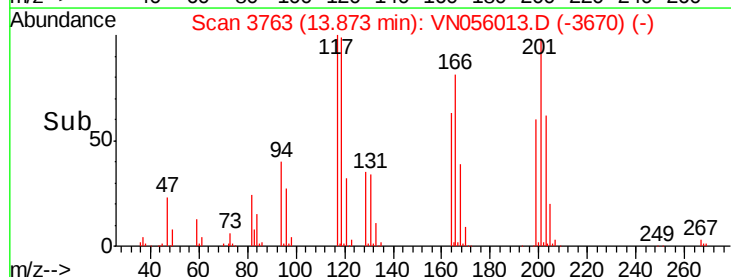
117 100

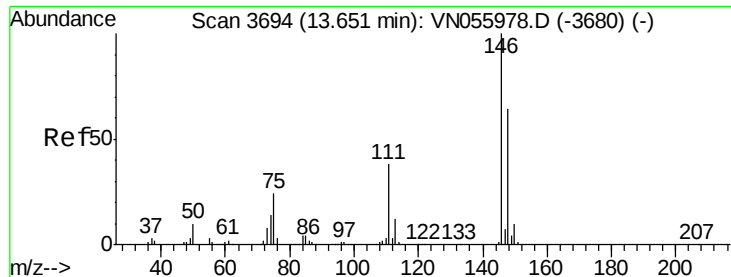
201 98.1 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 47.604 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

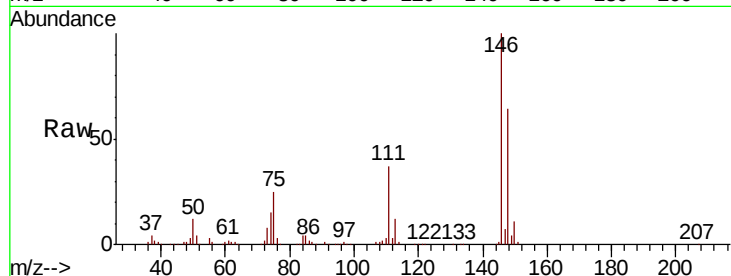
Tot Ion:146 Resp: 325386

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

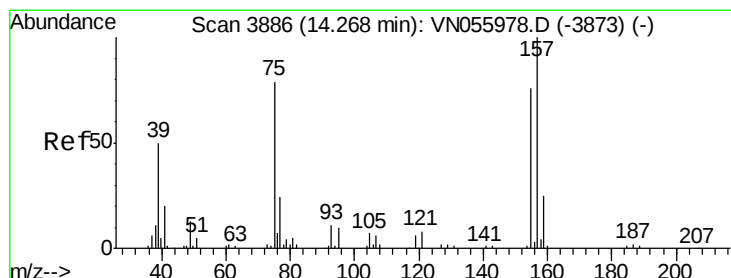
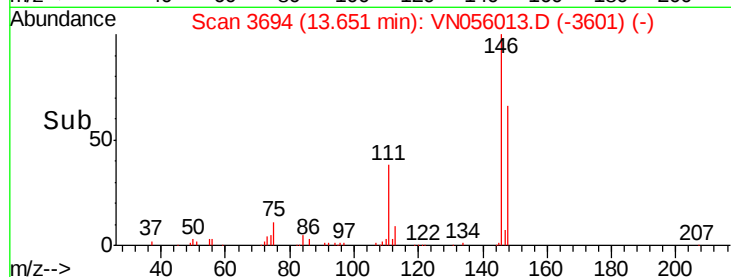
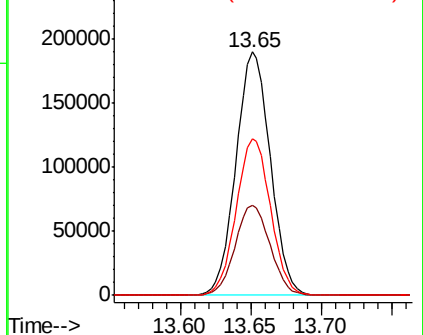
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.228 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056013.D

Acq: 5 Jun 2019 17:13

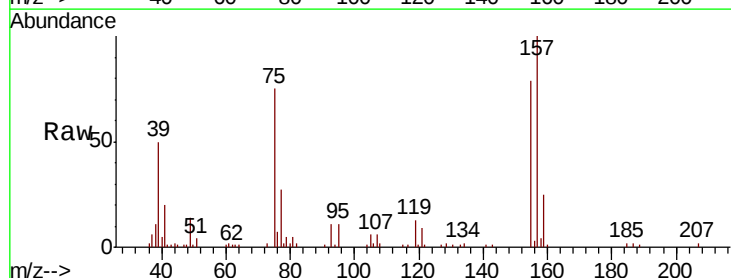
Tgt Ion: 75 Resp: 36110

Ion Ratio Lower Upper

75 100

155 105.4 50.0 150.1

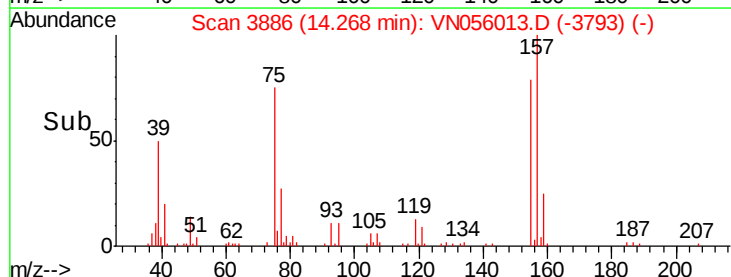
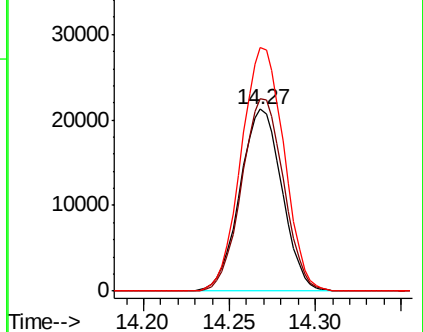
157 135.8 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

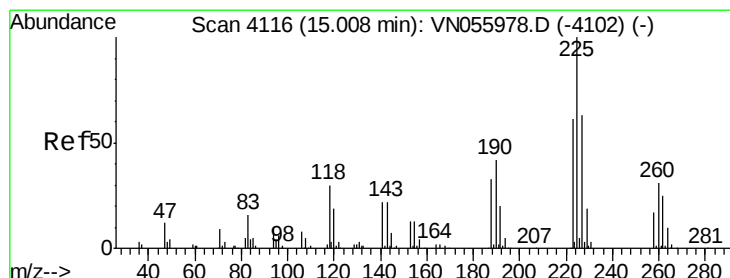
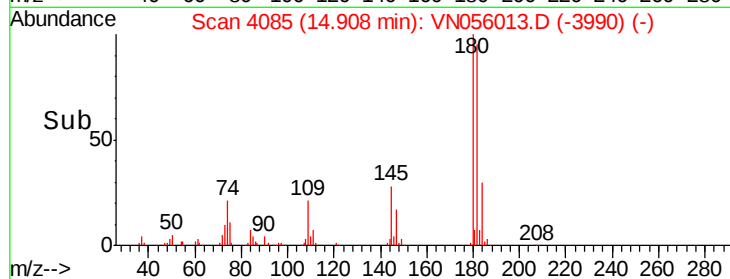
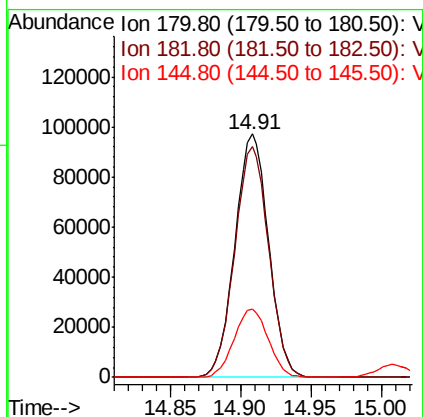
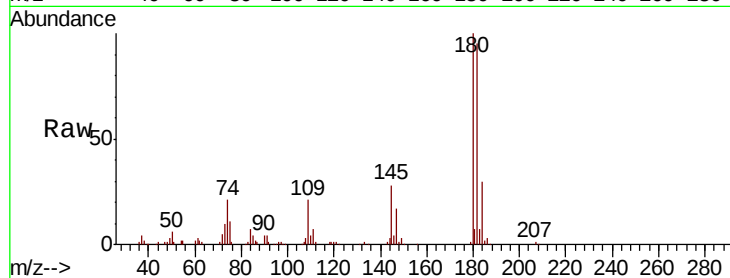




#93
 1,2,4-Trichlorobenzene
 Concen: 43.756 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

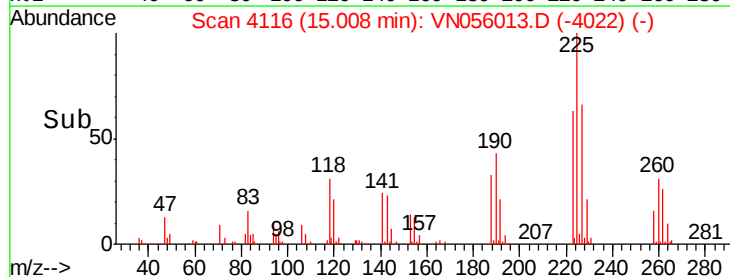
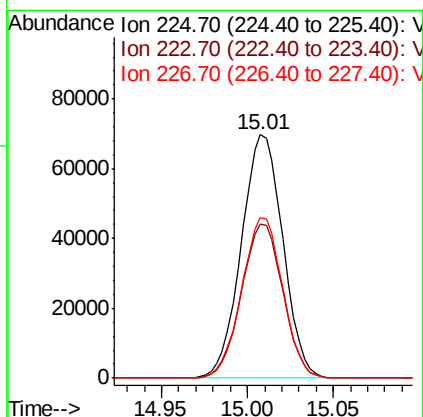
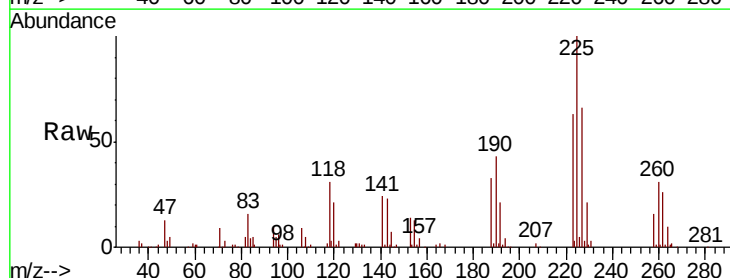
Instrument :
 MSVOA_N
 ClientSampleId :

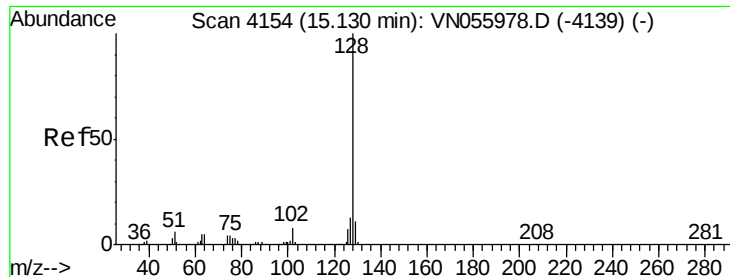
Tot Ion:180 Resp: 162620
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.3 144.9
 145 28.4 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 49.707 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056013.D
 Acq: 5 Jun 2019 17:13

Tgt Ion:225 Resp: 116560
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.7
 227 65.3 31.6 94.7

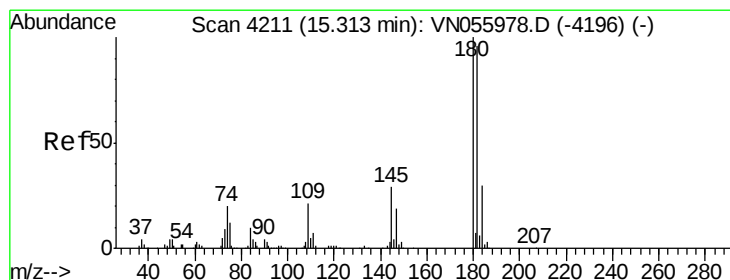
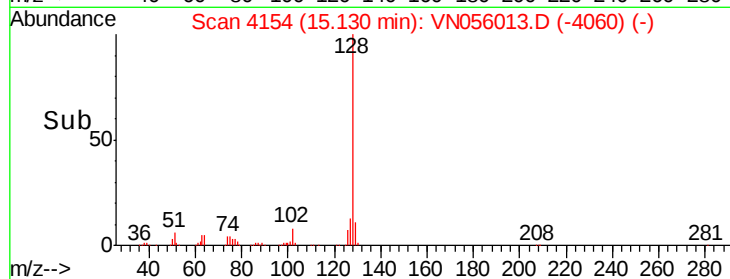
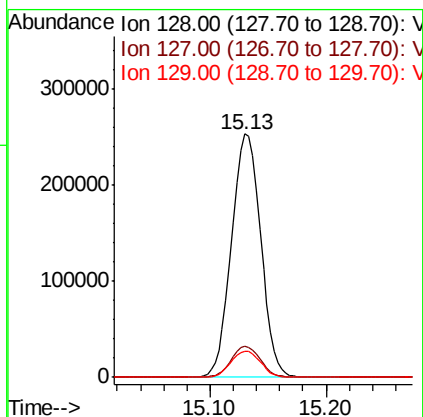
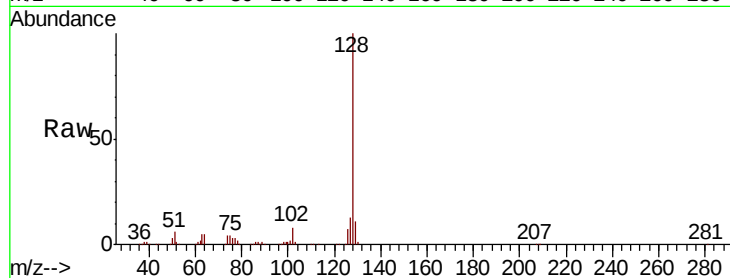




#95
Naphthalene
Concen: 45.501 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 440986
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.564 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056013.D
Acq: 5 Jun 2019 17:13

Tgt Ion:180 Resp: 173810
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 30.0 14.9 44.7

