

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056205.D
 Acq On : 11 Jun 2019 7:16
 Operator : JC/SP
 Sample : K3255-14MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 09:03:36 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	271759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	392125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	358416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160466	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	141936	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	130124	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.09	98	479650	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	161295	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	134700	45.152	ug/l 99
3) Chloromethane	2.06	50	145900	49.527	ug/l 99
4) Vinyl Chloride	2.18	62	144894	49.034	ug/l 99
5) Bromomethane	2.52	94	71013	38.043	ug/l 98
6) Chloroethane	2.67	64	76755	44.800	ug/l 98
7) Trichlorofluoromethane	3.00	101	185290	49.118	ug/l 99
8) Diethyl Ether	3.40	74	72584	46.788	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	111951	48.854	ug/l 98
10) Methyl Iodide	3.93	142	165368	45.411	ug/l 100
11) Tert butyl alcohol	4.82	59	119329	254.124	ug/l 100
12) 1,1-Dichloroethene	3.72	96	112444	49.288	ug/l 96
13) Acrolein	3.60	56	37271	275.210	ug/l 99
14) Allyl chloride	4.31	41	168237	46.701	ug/l 99
15) Acrylonitrile	4.99	53	333247	291.538	ug/l 99
16) Acetone	3.82	43	274800	212.936	ug/l 98
17) Carbon Disulfide	4.03	76	251462	46.035	ug/l 100
18) Methyl Acetate	4.33	43	97417	38.294	ug/l 98
19) Methyl tert-butyl Ether	5.05	73	364881	50.176	ug/l 98
20) Methylene Chloride	4.54	84	136116	51.194	ug/l 96
21) trans-1,2-Dichloroethene	5.03	96	120434	49.269	ug/l 97
22) Diisopropyl ether	5.95	45	372174	49.978	ug/l 97
23) Vinyl Acetate	5.89	43	954592	162.780	ug/l 99
24) 1,1-Dichloroethane	5.84	63	218234	50.805	ug/l 99
25) 2-Butanone	6.84	43	433785	266.037	ug/l 99
26) 2,2-Dichloropropane	6.82	77	75098	22.405	ug/l 91
27) cis-1,2-Dichloroethene	6.82	96	143005	49.770	ug/l 93
28) Bromochloromethane	7.19	49	106045	52.204	ug/l 96
29) Tetrahydrofuran	7.21	42	282371	280.156	ug/l 99
30) Chloroform	7.37	83	225114	52.095	ug/l 98
31) Cyclohexane	7.65	56	189914	44.355	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	185010	51.271	ug/l 100
36) 1,1-Dichloropropene	7.79	75	159148	47.201	ug/l 99
37) Ethyl Acetate	6.93	43	114811	38.270	ug/l 99
38) Carbon Tetrachloride	7.77	117	160205	51.537	ug/l 98

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 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)
39) Methylcyclohexane	9.08	83	187682	44.684	ug/l	99
40) Benzene	8.04	78	518119	50.594	ug/l	100
41) Methacrylonitrile	7.17	41	81995	59.404	ug/l	97
42) 1,2-Dichloroethane	8.12	62	165032	50.100	ug/l	99
43) Isopropyl Acetate	8.17	43	199595	41.057	ug/l #	92
44) Trichloroethene	8.83	130	179379	60.958	ug/l	97
45) 1,2-Dichloropropane	9.12	63	134599	51.313	ug/l	97
46) Dibromomethane	9.21	93	90621	52.831	ug/l	97
47) Bromodichloromethane	9.40	83	169969	54.673	ug/l	97
48) Methyl methacrylate	9.20	41	128425	53.998	ug/l	97
49) 1,4-Dioxane	9.20	88	57551	1120.850	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	843311	277.396	ug/l	100
52) Toluene	10.15	92	324566	50.933	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	150458	41.698	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	178334	47.723	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	135245	53.579	ug/l	99
56) Ethyl methacrylate	10.43	69	194532	52.826	ug/l	98
57) 1,3-Dichloropropane	10.71	76	216905	52.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.72	63	216	15.014	ug/l #	46
59) 2-Hexanone	10.75	43	586004	265.955	ug/l	99
60) Dibromochloromethane	10.90	129	145914	52.294	ug/l	99
61) 1,2-Dibromoethane	11.00	107	139624	54.107	ug/l	97
64) Tetrachloroethene	10.63	164	148287	47.796	ug/l	96
65) Chlorobenzene	11.43	112	354836	49.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	134329	54.539	ug/l	99
67) Ethyl Benzene	11.51	91	605920	48.851	ug/l	98
68) m/p-Xylenes	11.62	106	469126	99.008	ug/l	98
69) o-Xylene	11.95	106	231888	49.752	ug/l	99
70) Styrene	11.96	104	381393	51.502	ug/l	99
71) Bromoform	12.13	173	107850	52.038	ug/l #	100
73) Isopropylbenzene	12.25	105	598325	52.428	ug/l	99
74) N-amyl acetate	12.07	43	133194	31.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	185749	49.864	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	205409	69.568	ug/l #	100
77) Bromobenzene	12.53	156	168302	48.988	ug/l	93
78) n-propylbenzene	12.59	91	630174	46.421	ug/l	99
79) 2-Chlorotoluene	12.67	91	390289	51.922	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	494502	45.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	35229	39.734	ug/l	88
82) 4-Chlorotoluene	12.77	91	375226	47.245	ug/l	100
83) tert-Butylbenzene	12.99	119	443737	53.181	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	485210	47.424	ug/l	99
85) sec-Butylbenzene	13.17	105	556043	46.251	ug/l	99
86) p-Isopropyltoluene	13.29	119	490328	45.572	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	258188	48.557	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246845	48.260	ug/l	99
89) n-Butylbenzene	13.61	91	347893	43.648	ug/l	99
90) Hexachloroethane	13.87	117	83341	51.362	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	263278	49.043	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30264	56.801	ug/l	92

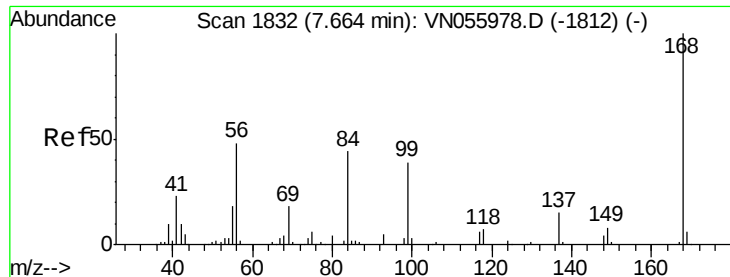
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121805	41.928	ug/l	99
94) Hexachlorobutadiene	15.01	225	93153	50.619	ug/l	99
95) Naphthalene	15.13	128	329174	43.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	138792	46.276	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

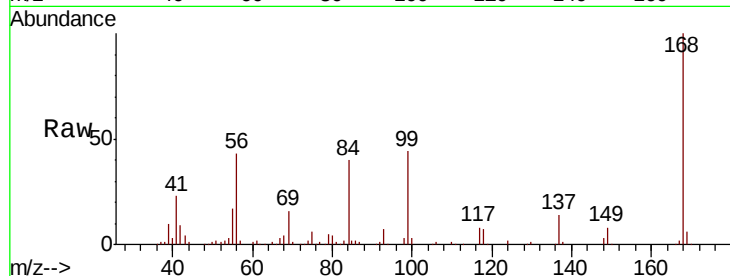
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 271759

Ion Ratio Lower Upper

168 100

99 43.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

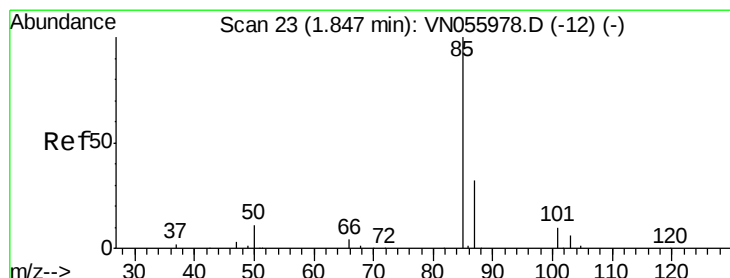
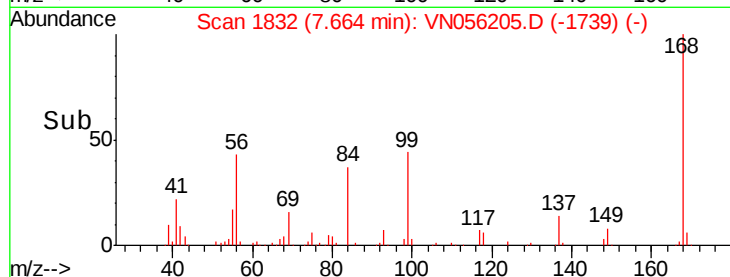
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 45.152 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056205.D

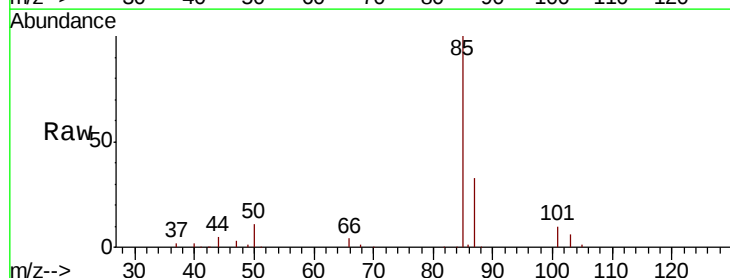
Acq: 11 Jun 2019 7:16

Tgt Ion: 85 Resp: 134700

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

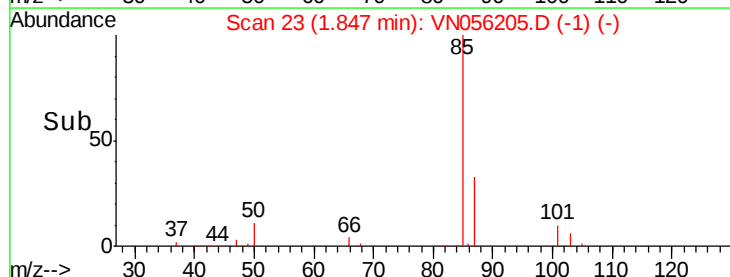
60000

40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 49.527 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

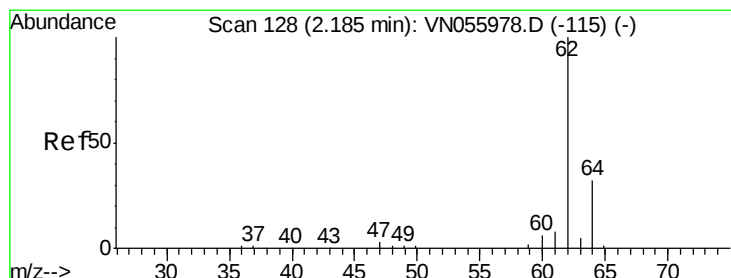
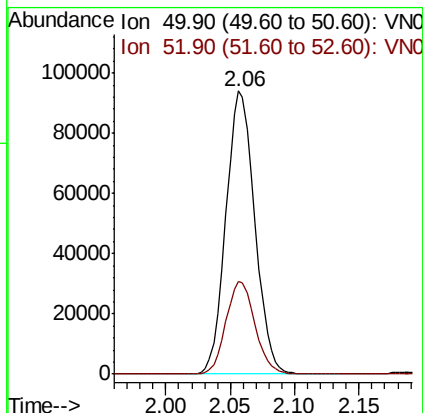
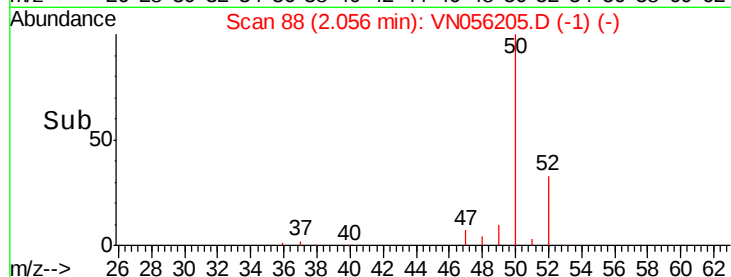
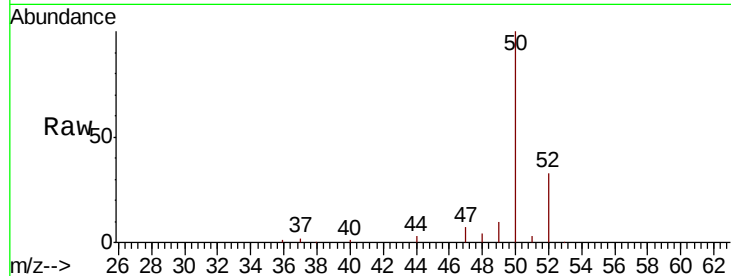
ClientSampled :

Tot Ion: 50 Resp: 145900

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



#4

Vinyl Chloride

Concen: 49.034 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056205.D

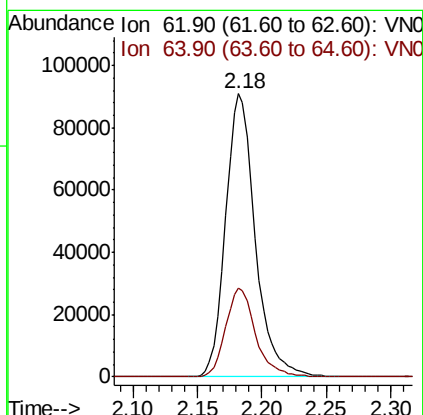
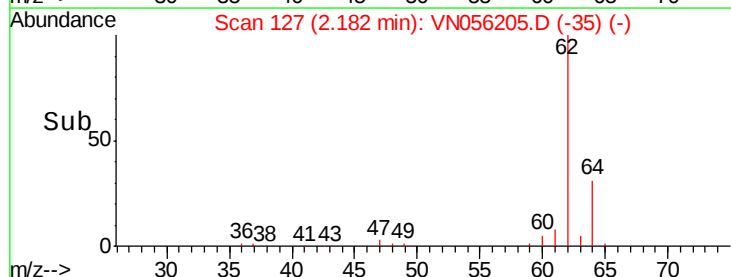
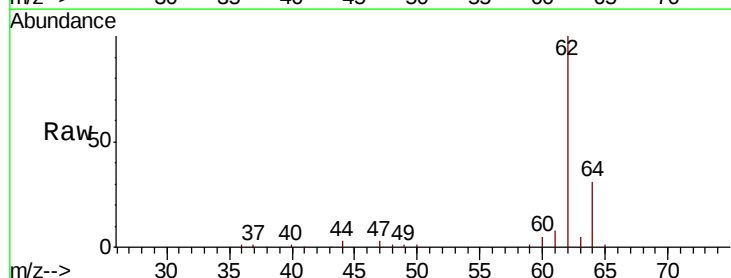
Acq: 11 Jun 2019 7:16

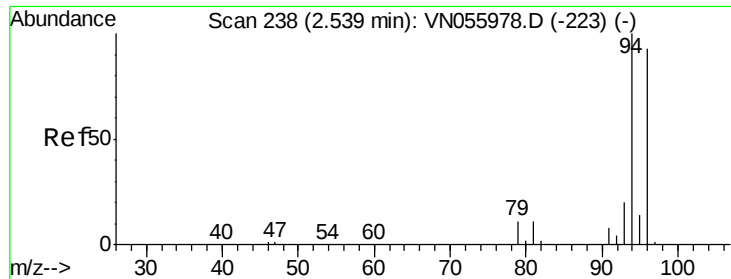
Tgt Ion: 62 Resp: 144894

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4

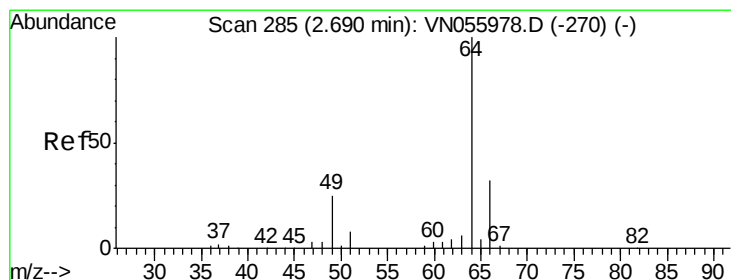
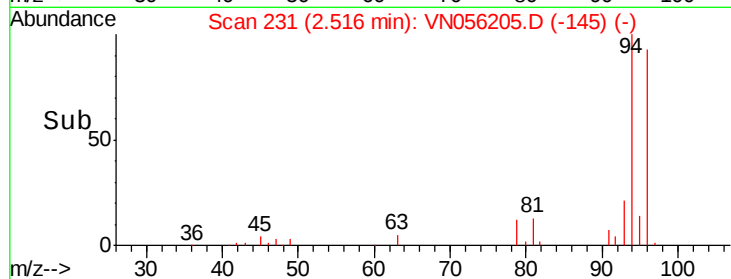
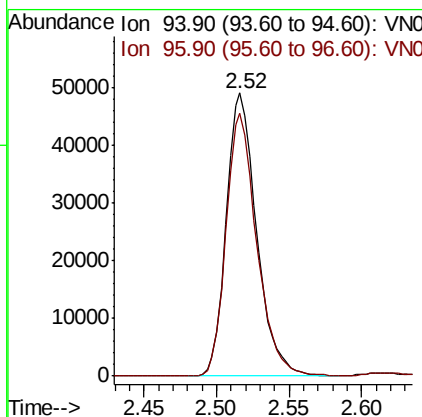
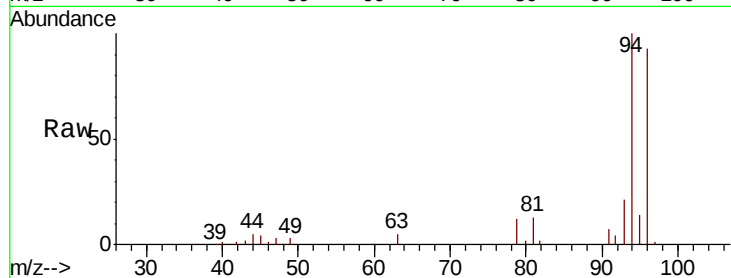




#5
Bromomethane
Concen: 38.043 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

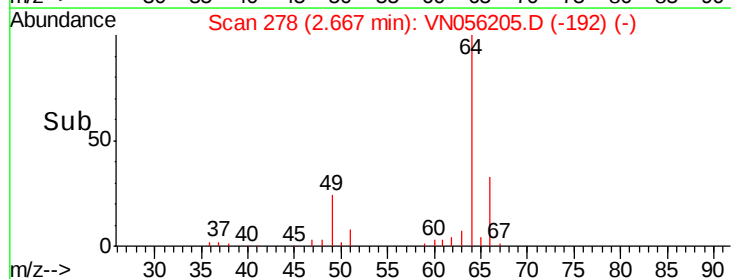
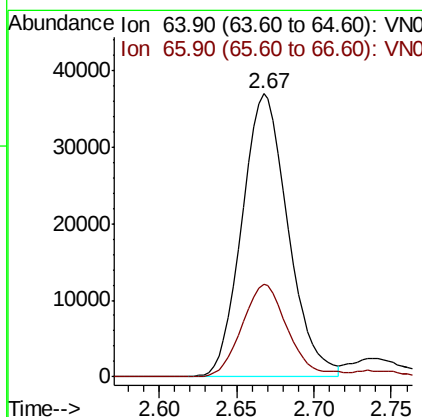
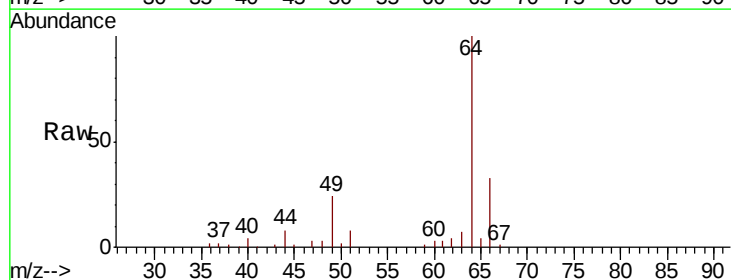
Instrument :
MSVOA_N
ClientSampled :

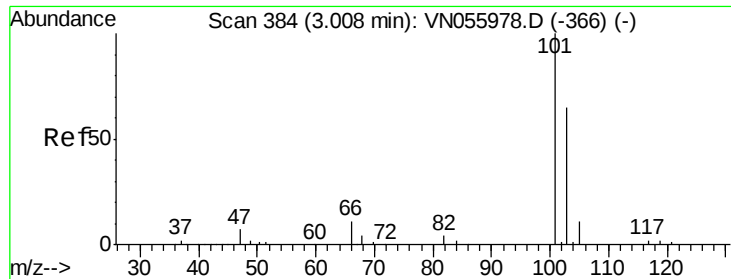
Tot Ion: 94 Resp: 71013
Ion Ratio Lower Upper
94 100
96 92.9 75.5 113.3



#6
Chloroethane
Concen: 44.800 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 64 Resp: 76755
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



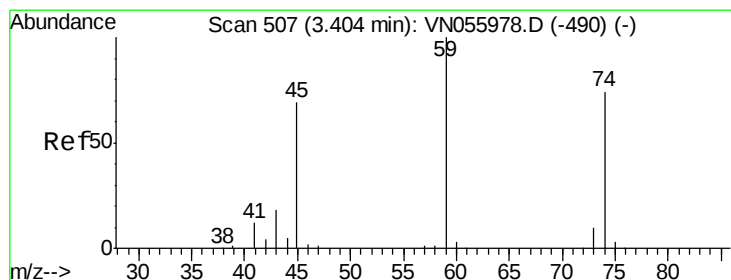
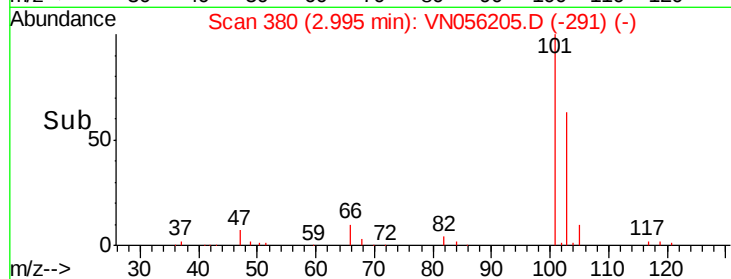
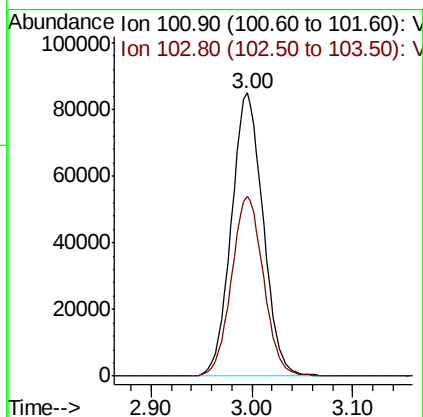
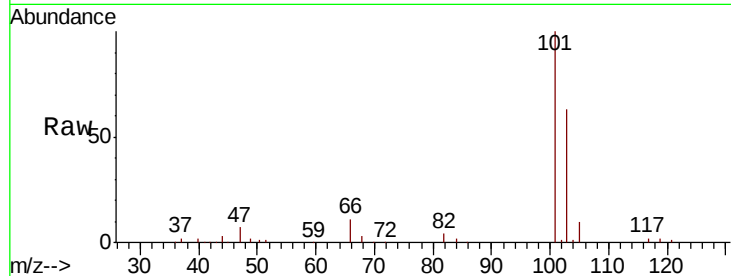


#7

Trichlorofluoromethane
 Concen: 49.118 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Instrument :
 MSVOA_N
 ClientSampleId :

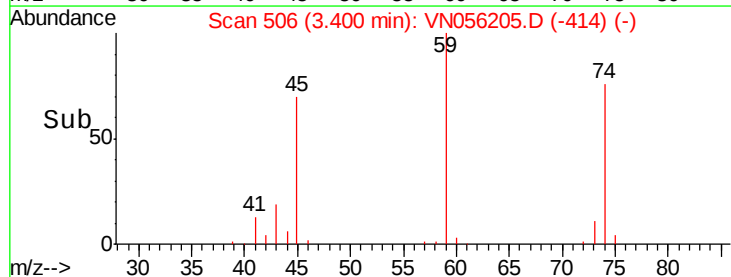
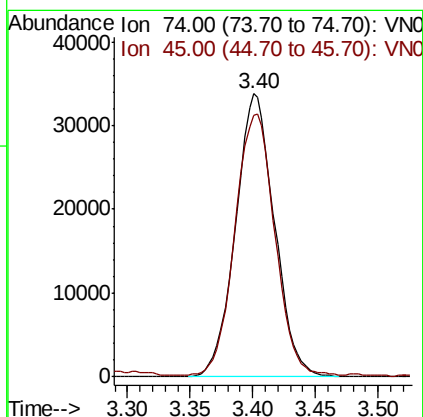
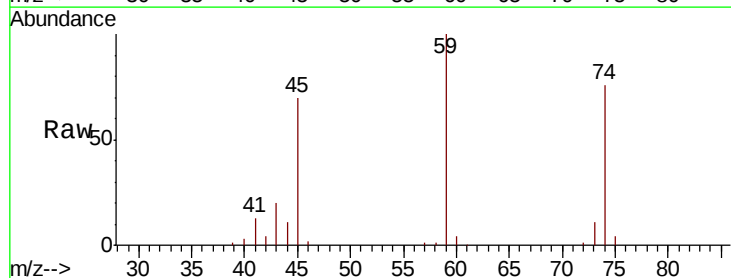
Tot Ion:101 Resp: 185290
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8



#8

Diethyl Ether
 Concen: 46.788 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion: 74 Resp: 72584
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.854 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampled :

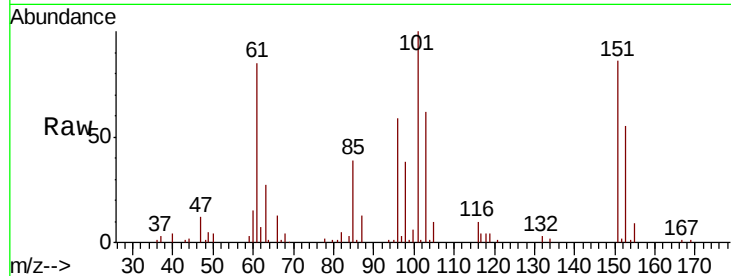
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Ion Ratio Lower Upper

101 100

85 40.2 33.4 50.2

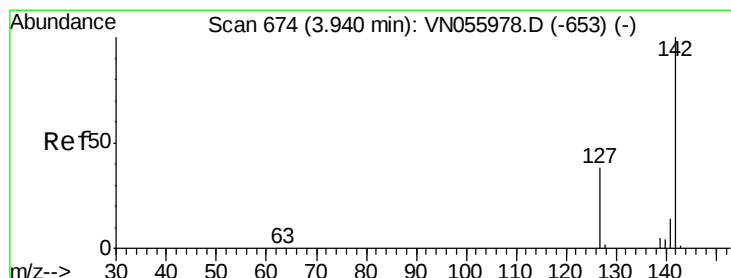
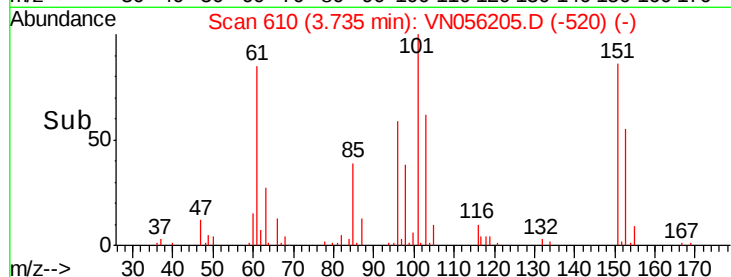
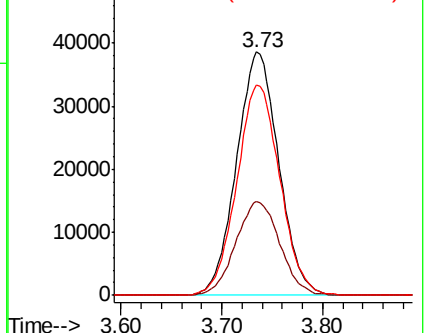
151 88.6 69.4 104.2



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: 45.411 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

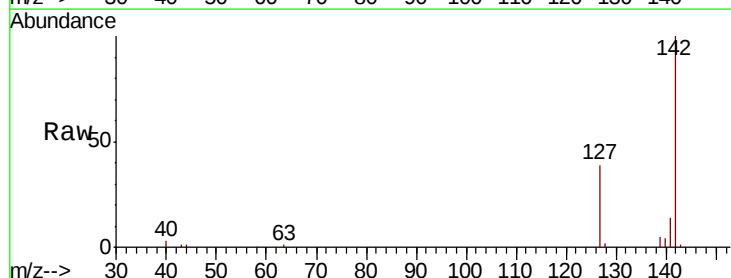
Tgt Ion:142 Resp: 165368

Ion Ratio Lower Upper

142 100

127 39.0 31.0 46.4

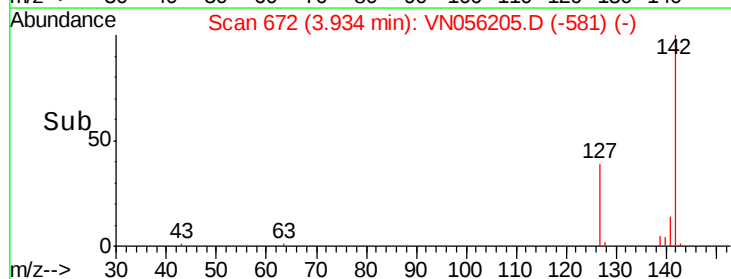
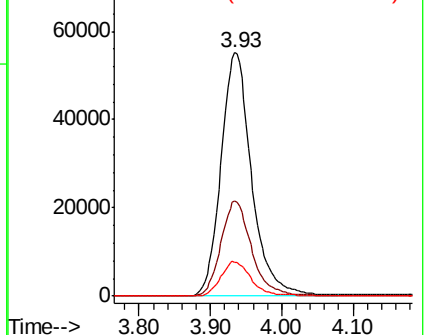
141 14.0 11.4 17.0

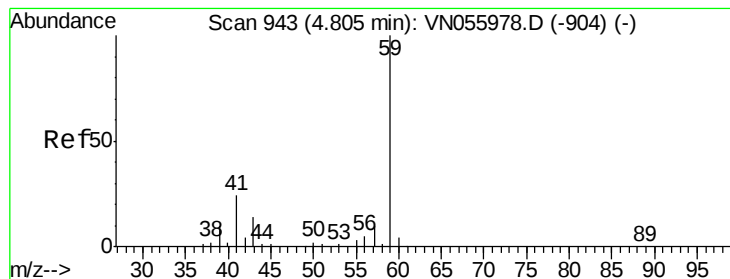


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



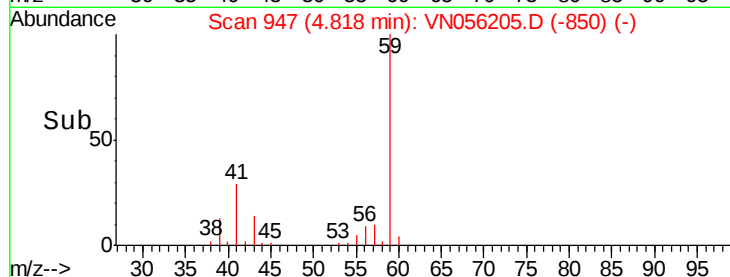
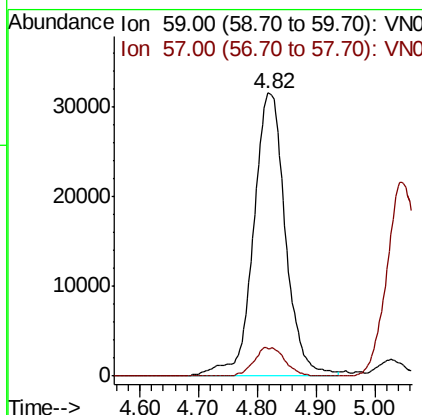
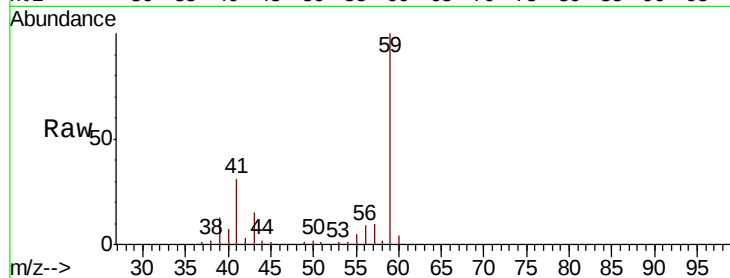


#11

Tert butyl alcohol
Concen: 254.124 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampleId :

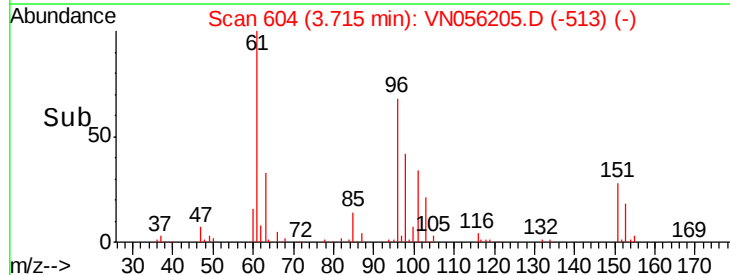
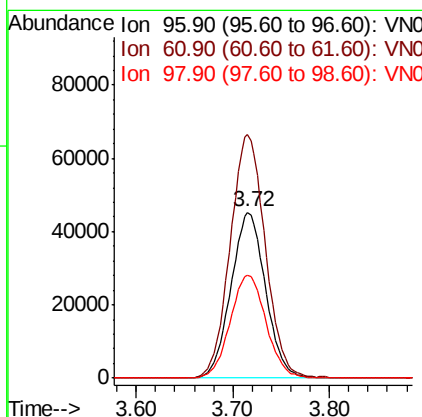
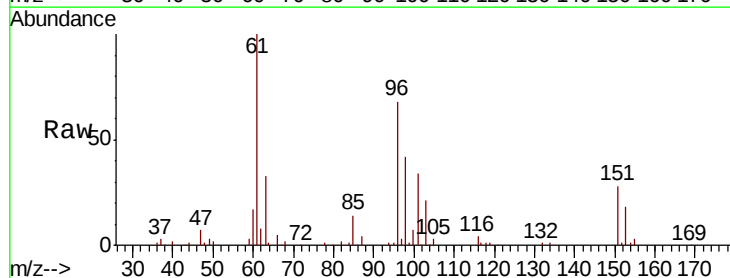
Tot Ion: 59 Resp: 119329
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6

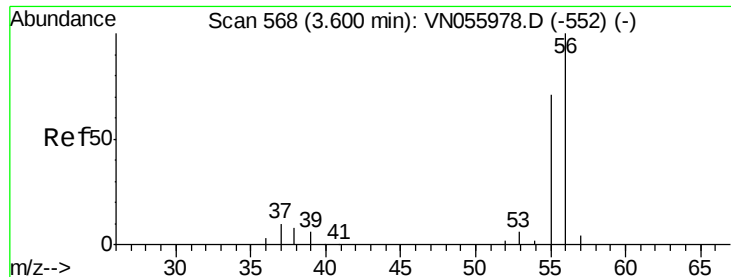


#12

1,1-Dichloroethene
Concen: 49.288 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.01 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 96 Resp: 112444
Ion Ratio Lower Upper
96 100
61 146.6 123.2 184.8
98 61.9 50.4 75.6





#13

Acrolein

Concen: 275.210 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

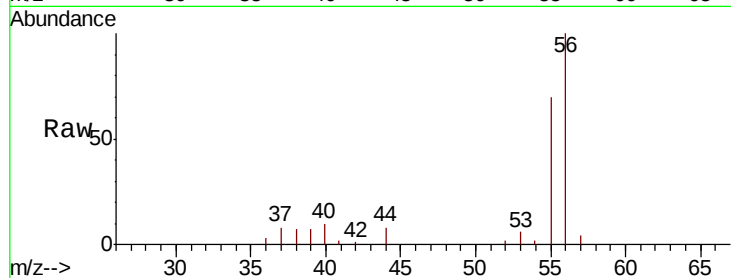
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 37271

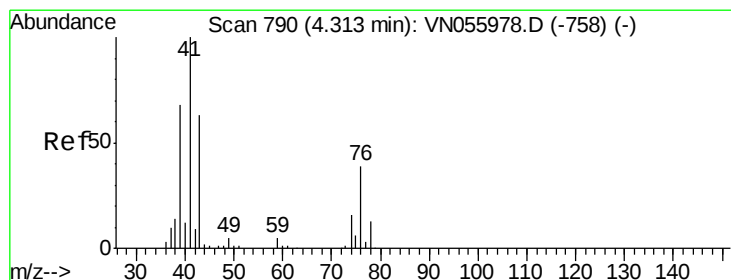
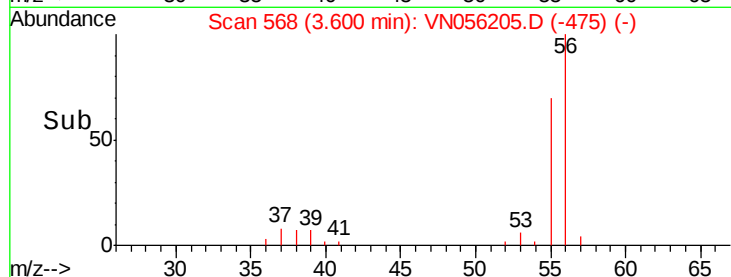
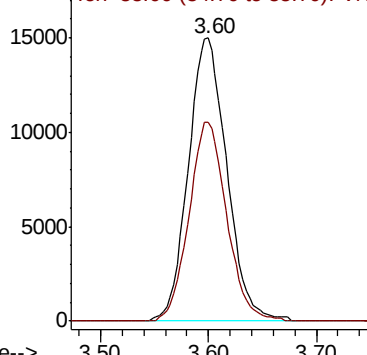
Ion Ratio Lower Upper

56 100

55 68.7 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: 46.701 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

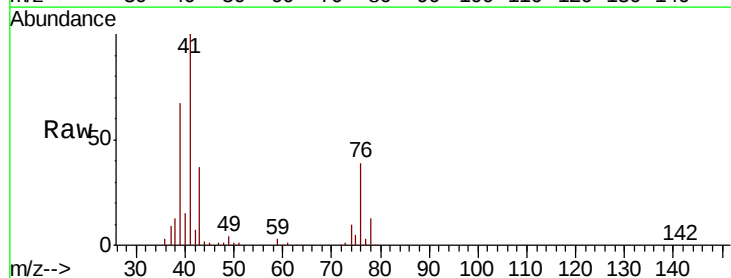
Tgt Ion: 41 Resp: 168237

Ion Ratio Lower Upper

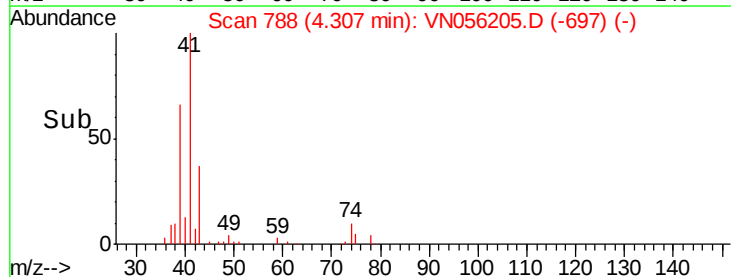
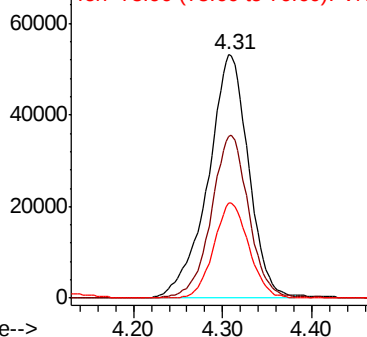
41 100

39 61.7 50.0 75.0

76 33.9 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: 291.538 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

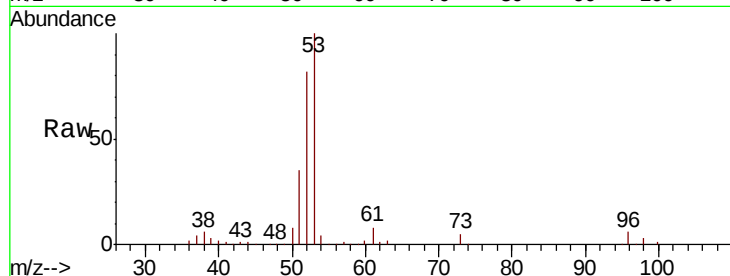
Tot Ion: 53 Resp: 333247

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

51 34.9 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) (-)

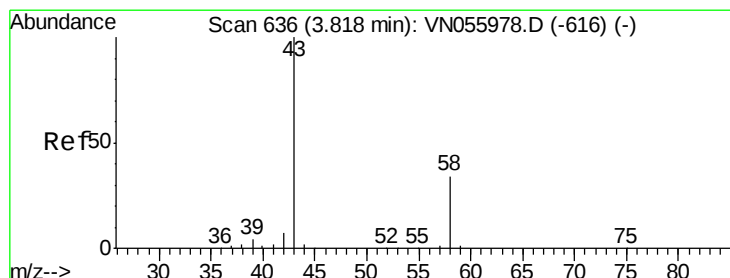
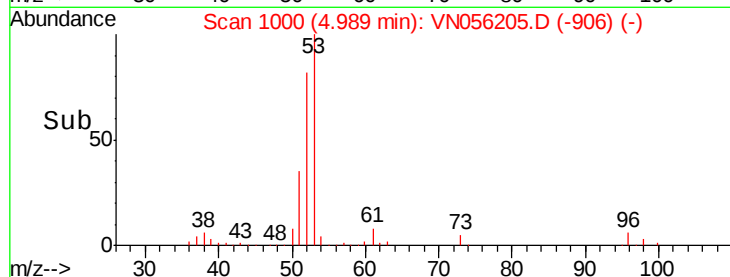
4.99

100000

50000

0

Time-->



#16

Acetone

Concen: 212.936 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056205.D

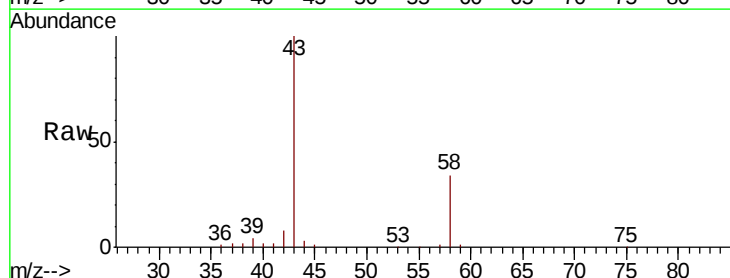
Acq: 11 Jun 2019 7:16

Tgt Ion: 43 Resp: 274800

Ion Ratio Lower Upper

43 100

58 34.4 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

120000

100000

80000

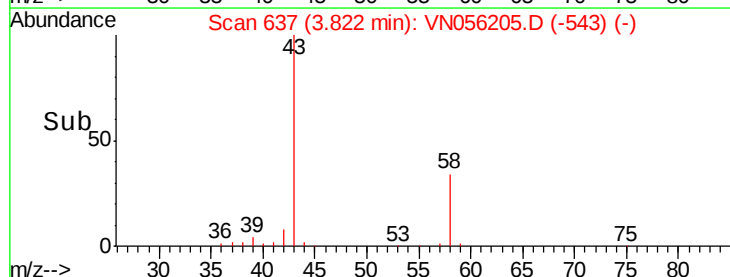
60000

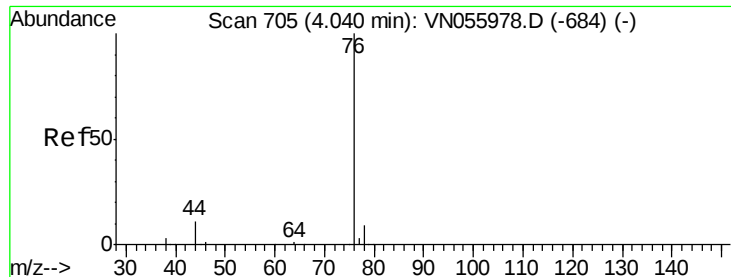
40000

20000

0

Time-->

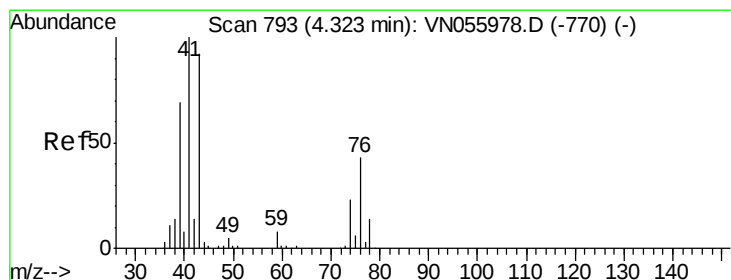
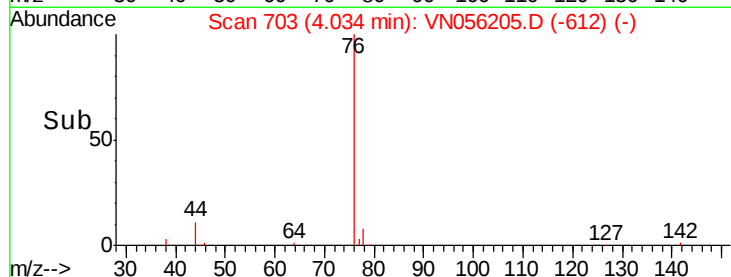
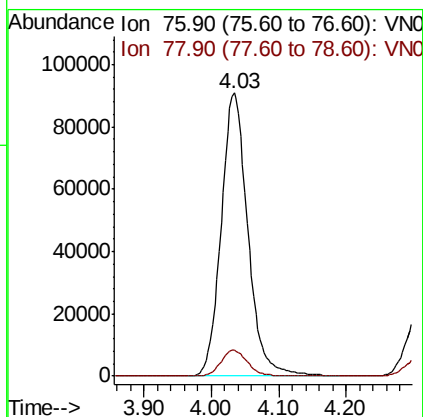
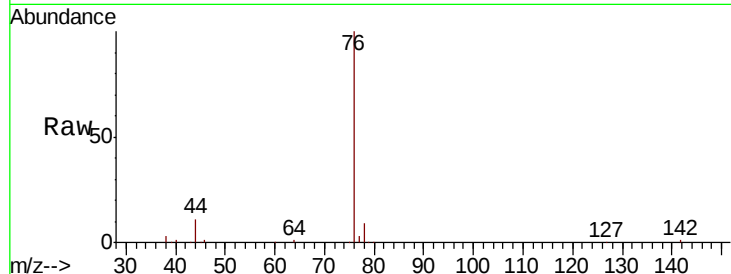




#17
Carbon Disulfide
Concen: 46.035 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

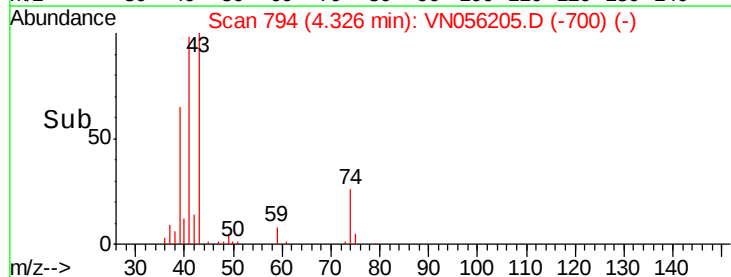
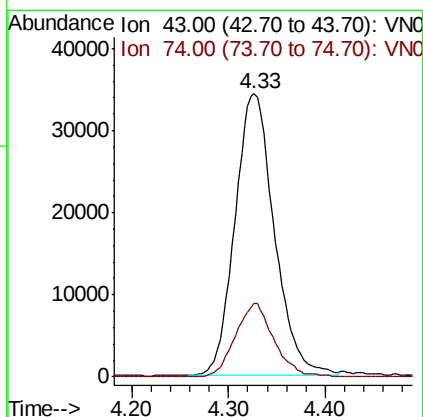
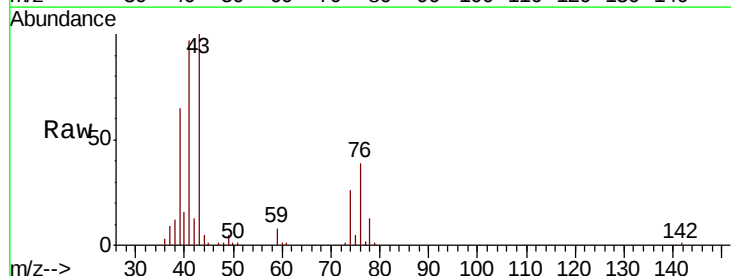
Instrument :
MSVOA_N
ClientSampled :

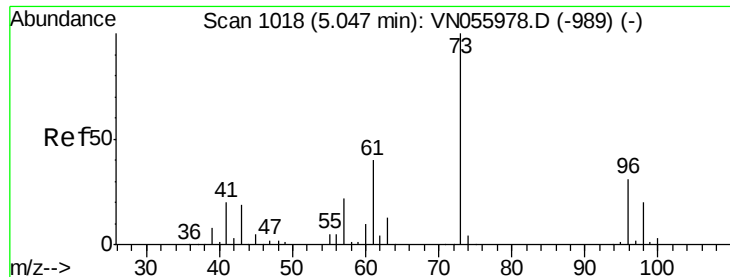
Tot Ion: 76 Resp: 251462
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 38.294 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 43 Resp: 97417
Ion Ratio Lower Upper
43 100
74 25.3 19.3 28.9

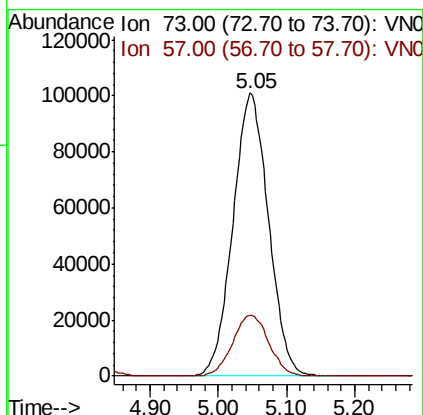
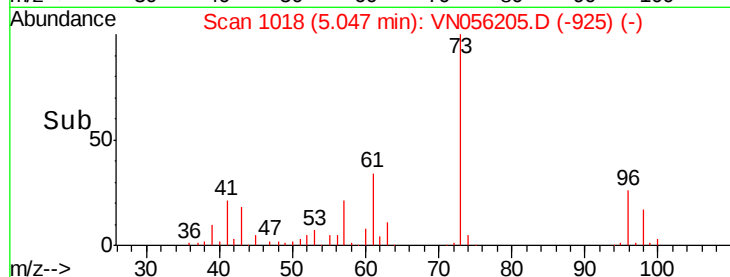
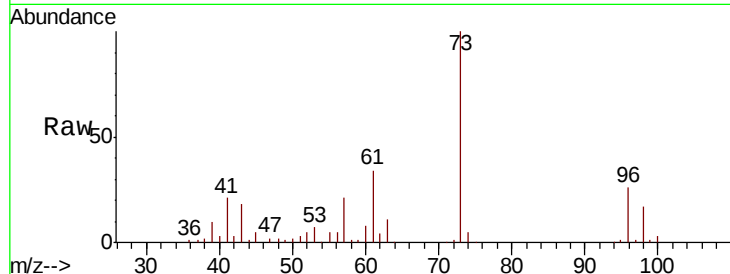




#19
Methvl tert-butvl Ether
Concen: 50.176 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

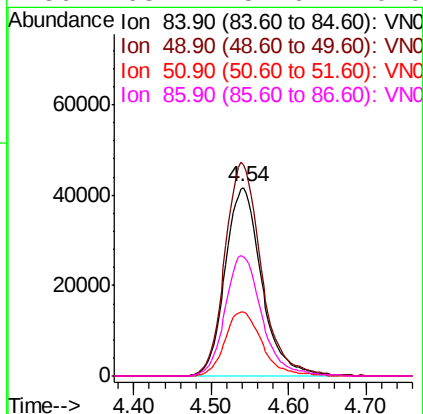
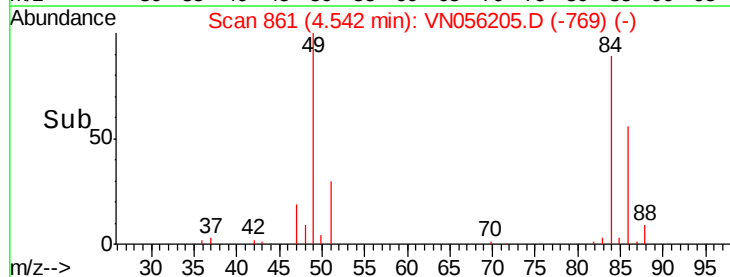
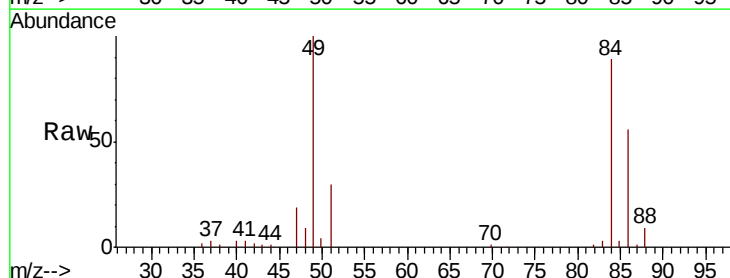
Instrument :
MSVOA_N
ClientSampled :

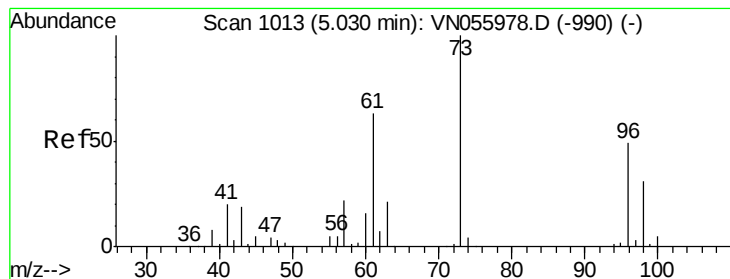
Tot Ion: 73 Resp: 364881
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 51.194 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 84 Resp: 136116
Ion Ratio Lower Upper
84 100
49 112.2 93.5 140.3
51 34.1 28.6 43.0
86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.269 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

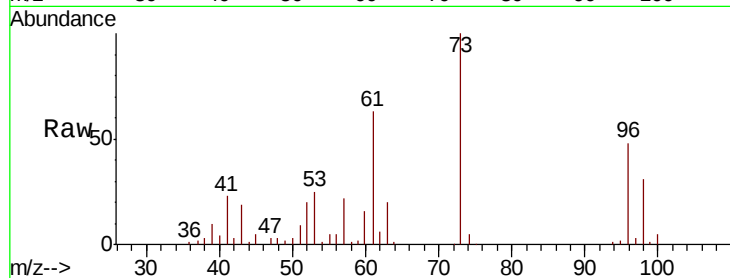
Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 120434

Ion	Ratio	Lower	Upper
96	100		
61	130.4	107.8	161.8
98	63.1	49.8	74.8

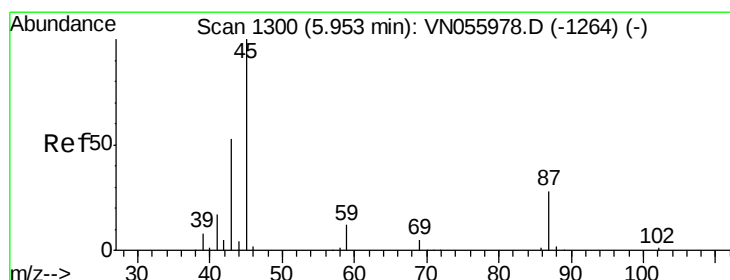
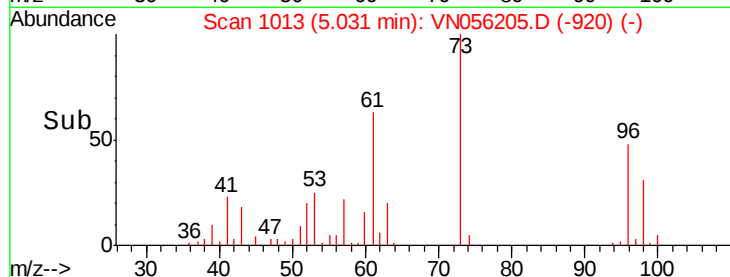
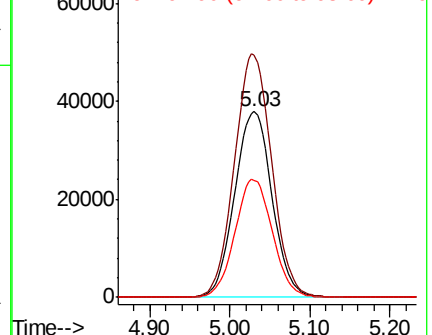


Abundance

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: 49.978 ug/l

RT: 5.95 min Scan# 1300

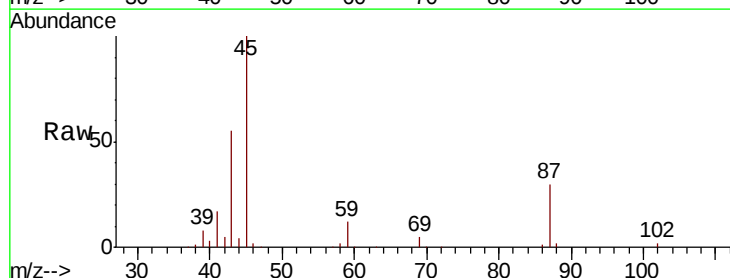
Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Tgt Ion: 45 Resp: 372174

Ion	Ratio	Lower	Upper
45	100		
43	53.8	45.0	67.6
87	29.4	22.2	33.4
59	11.7	9.1	13.7



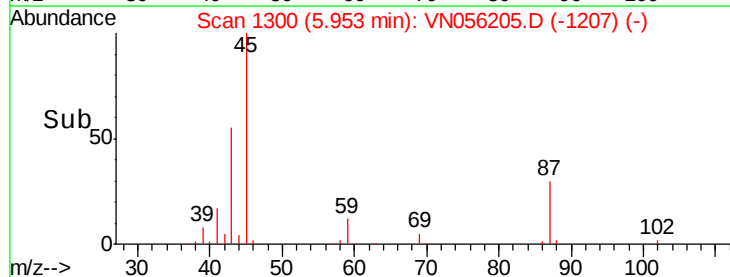
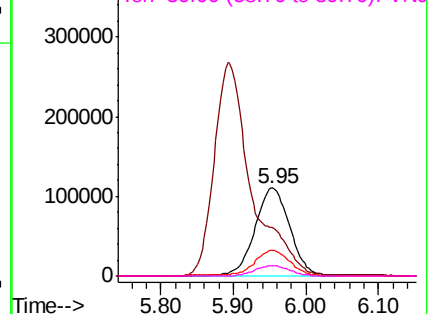
Abundance

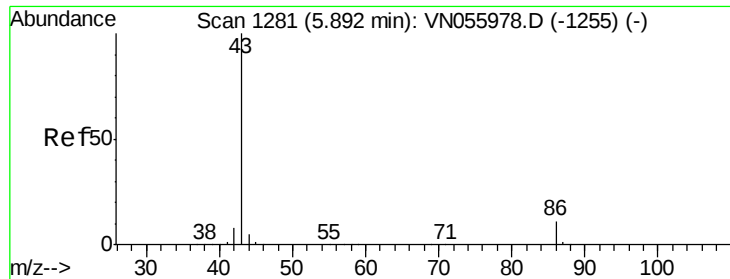
Ion 45.00 (44.70 to 45.70): VN0

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: 162.780 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

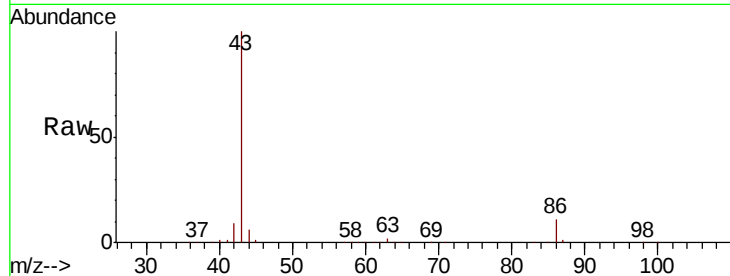
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 954592

Ion Ratio Lower Upper

43 100

86 11.0 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

300000

250000

200000

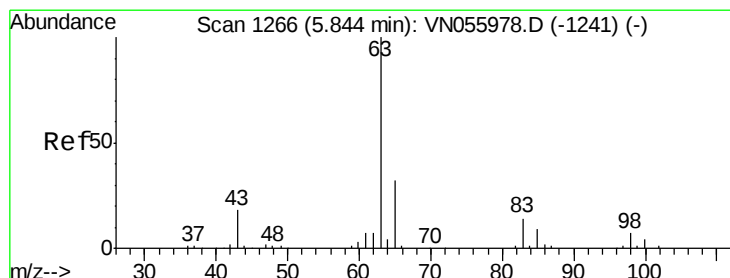
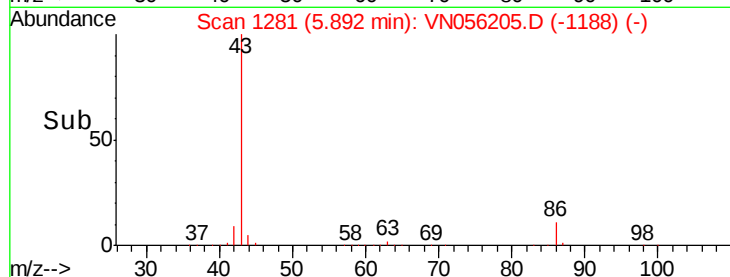
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.805 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

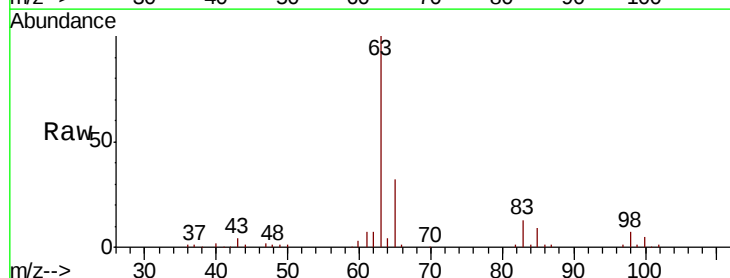
Tgt Ion: 63 Resp: 218234

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.6 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

80000

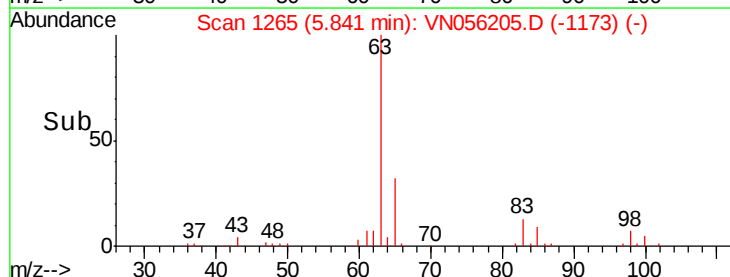
60000

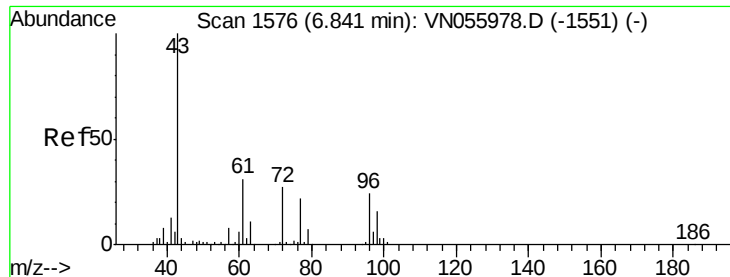
40000

20000

0

Time-->

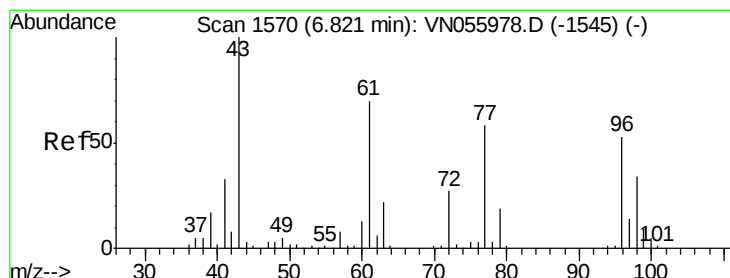
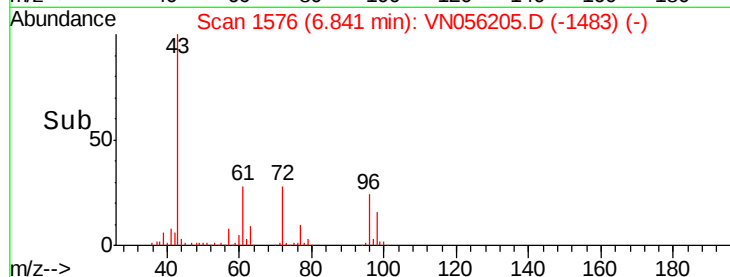
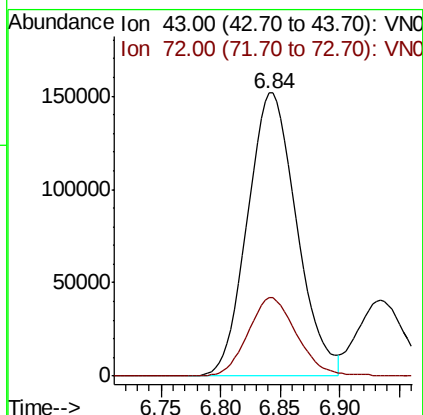
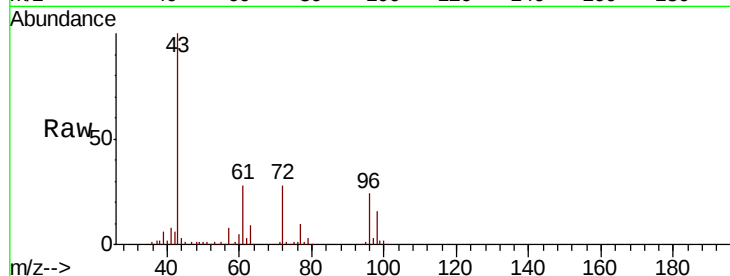




#25
2-Butanone
Concen: 266.037 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

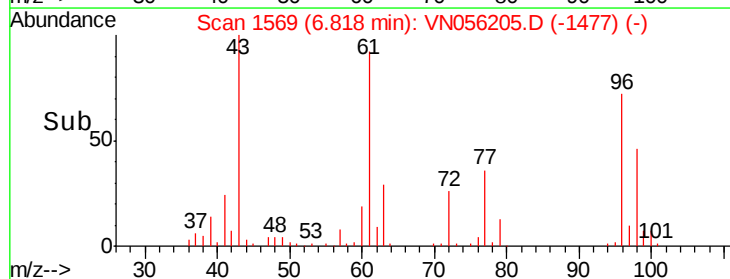
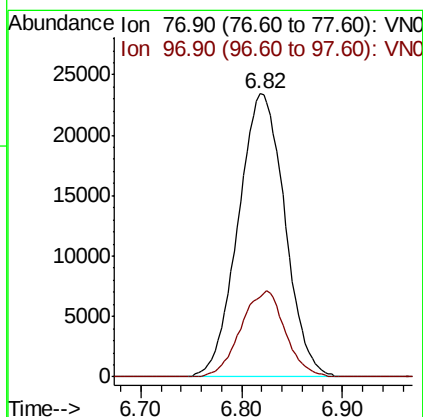
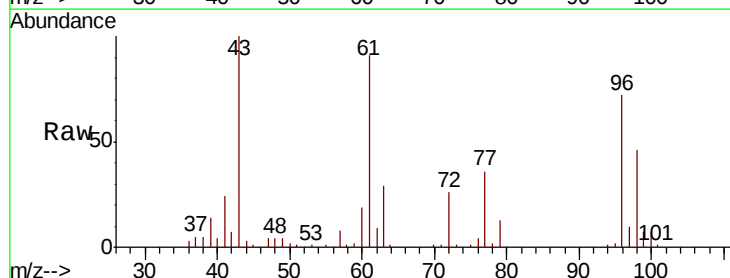
Instrument :
MSVOA_N
ClientSampleId :

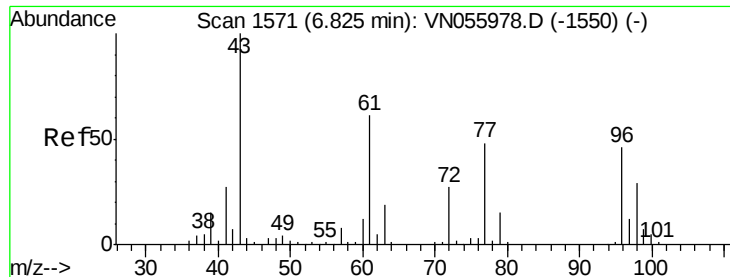
Tot Ion: 43 Resp: 433785
Ion Ratio Lower Upper
43 100
72 27.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 22.405 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 77 Resp: 75098
Ion Ratio Lower Upper
77 100
97 28.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.770 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

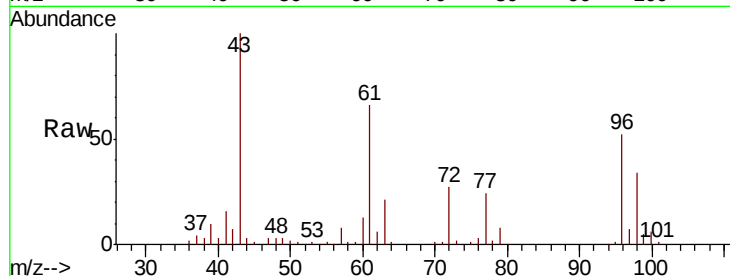
Tot Ion: 96 Resp: 143005

Ion Ratio Lower Upper

96 100

61 125.4 0.0 275.8

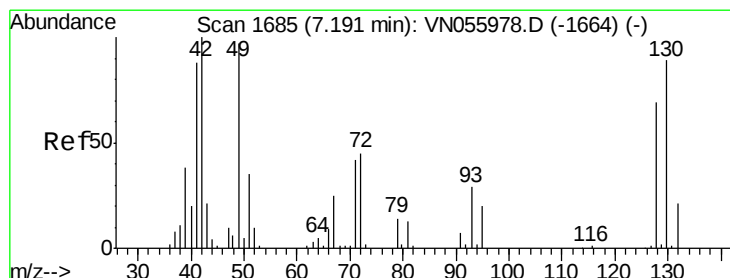
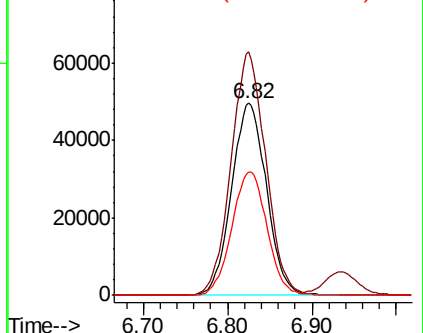
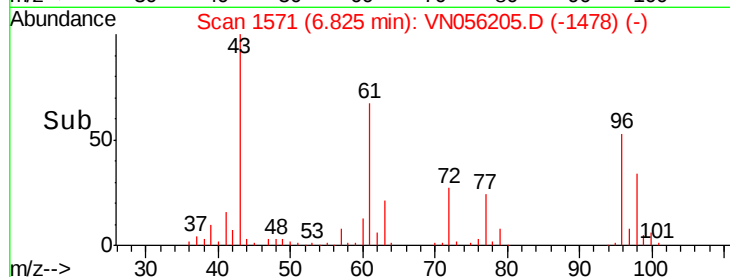
98 64.5 0.0 128.4



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: 52.204 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

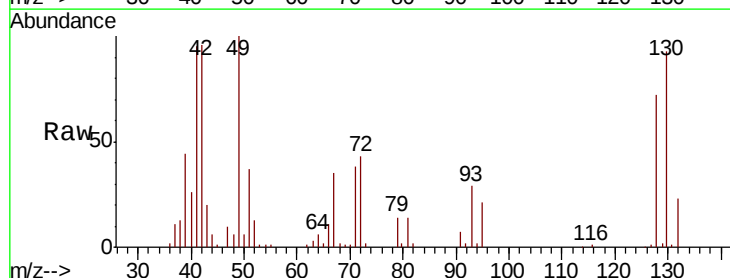
Tgt Ion: 49 Resp: 106045

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

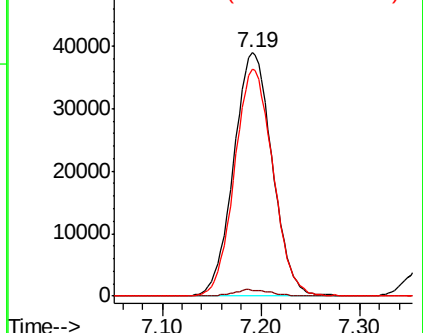
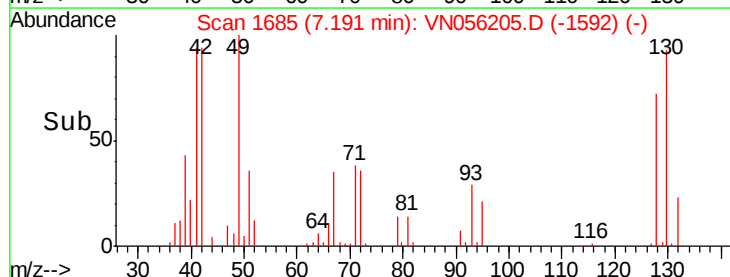
130 92.4 71.2 106.8

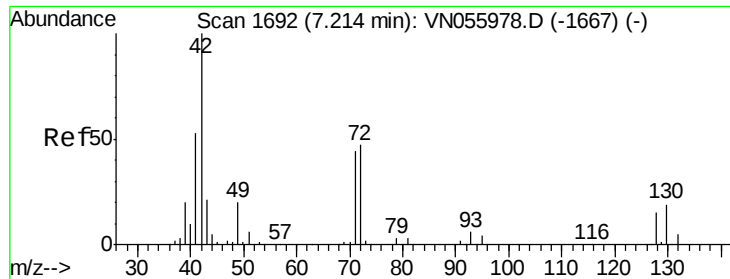


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

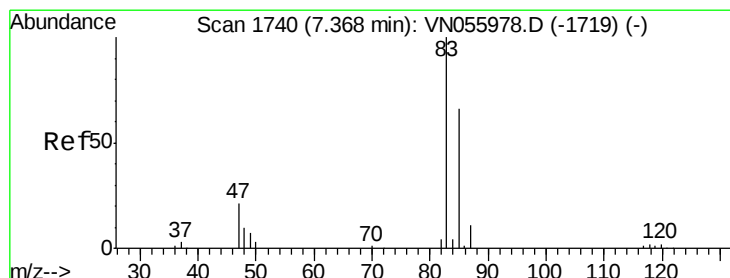
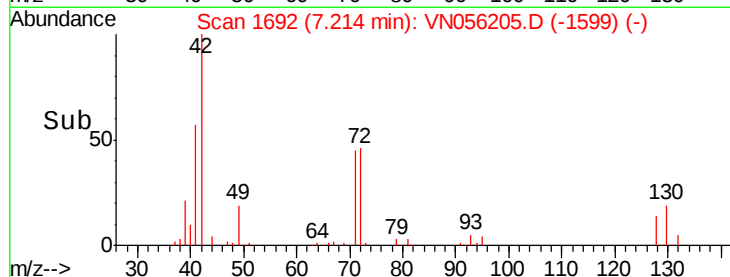
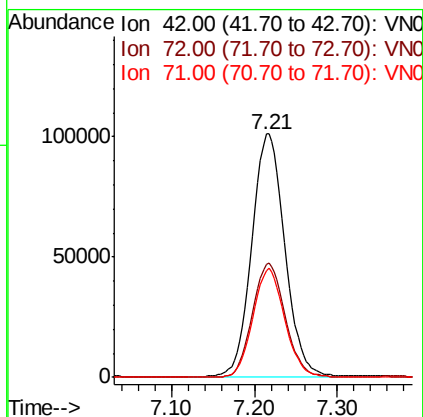
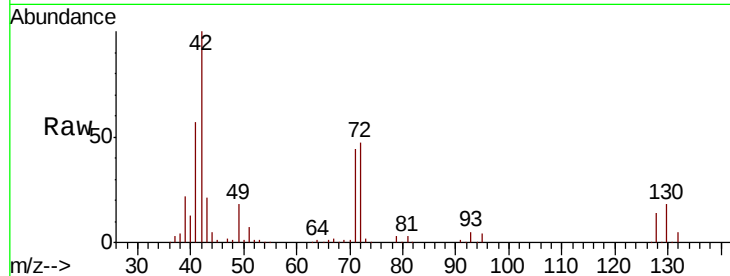




#29
Tetrahydrofuran
Concen: 280.156 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

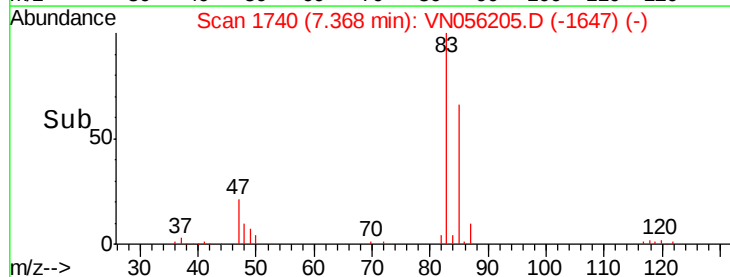
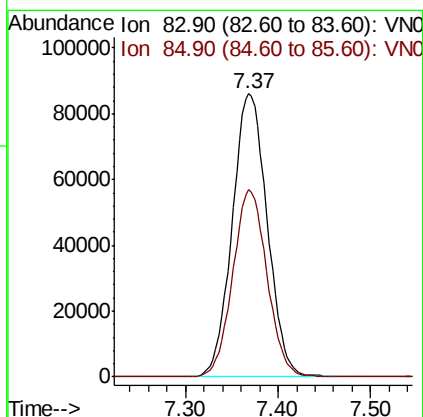
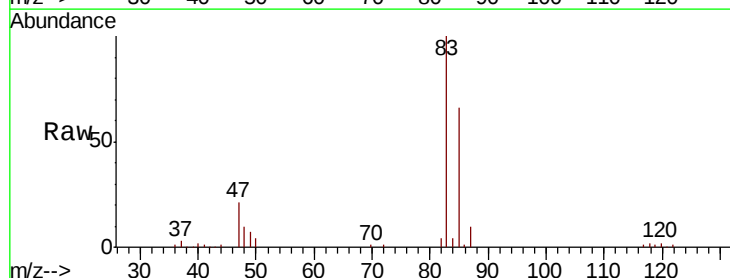
Instrument :
MSVOA_N
ClientSampleId :

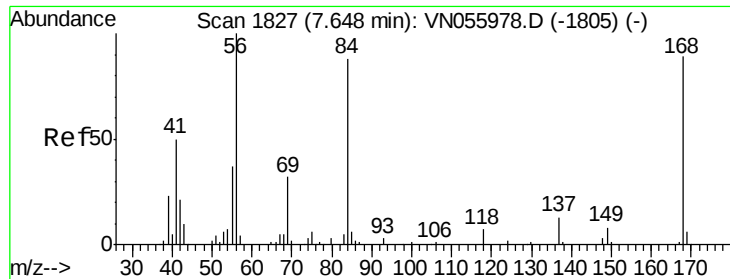
Tot Ion: 42 Resp: 282371
Ion Ratio Lower Upper
42 100
72 46.4 35.9 53.9
71 42.9 34.0 51.0



#30
Chloroform
Concen: 52.095 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 83 Resp: 225114
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8

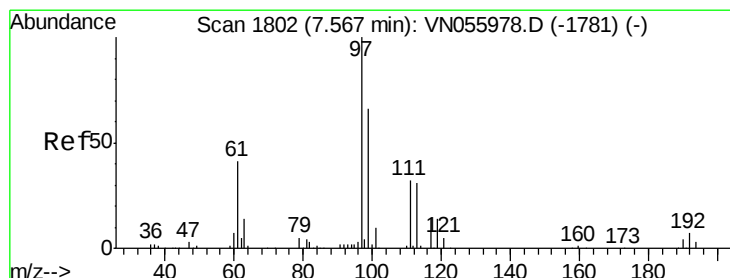
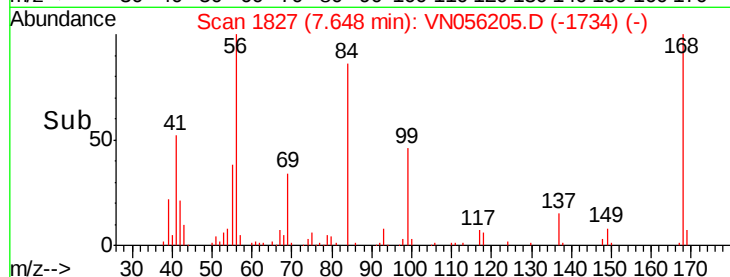
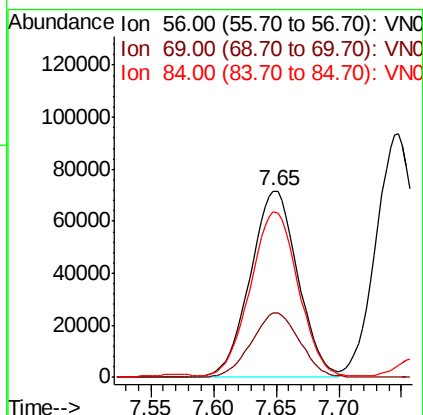
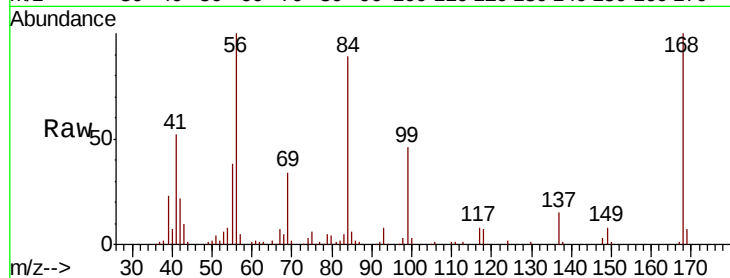




#31
Cyclohexane
Concen: 44.355 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

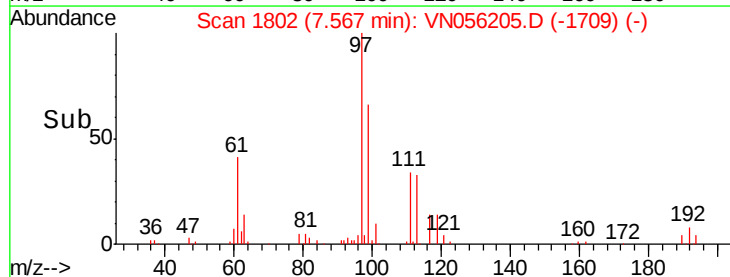
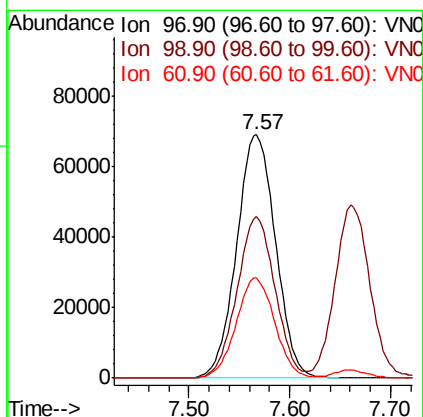
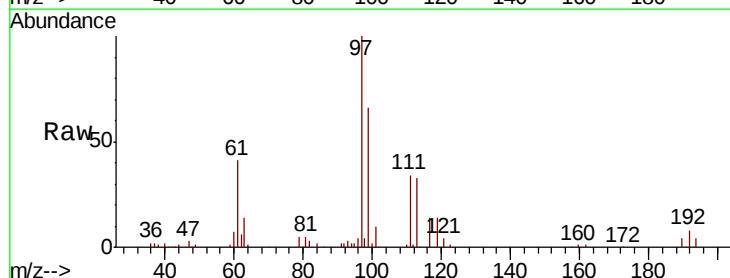
Instrument :
MSVOA_N
ClientSampleId :

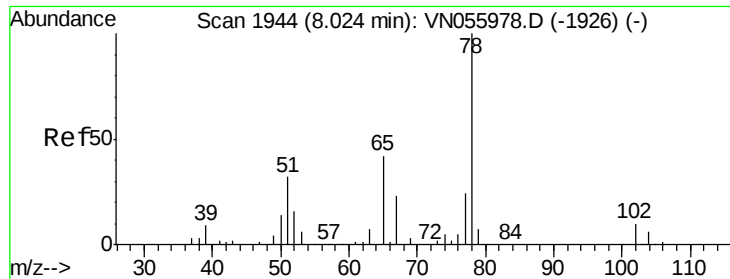
Tot Ion: 56 Resp: 189914
Ion Ratio Lower Upper
56 100
69 34.3 25.6 38.4
84 87.4 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 51.271 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 97 Resp: 185010
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 40.9 32.9 49.3

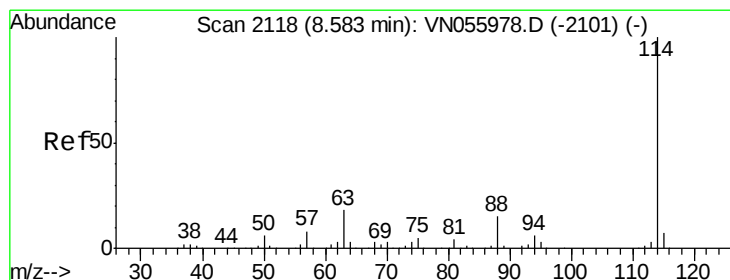
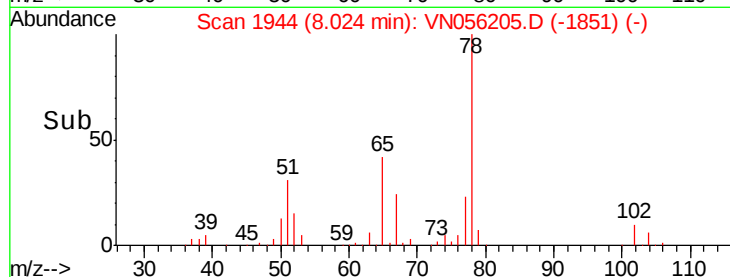
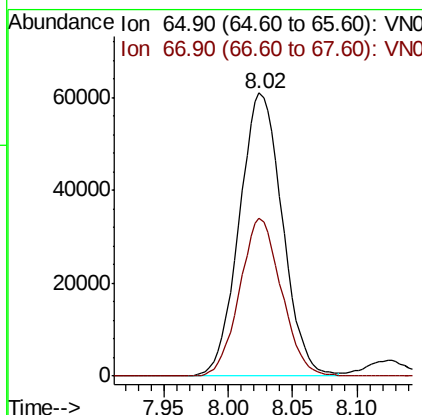
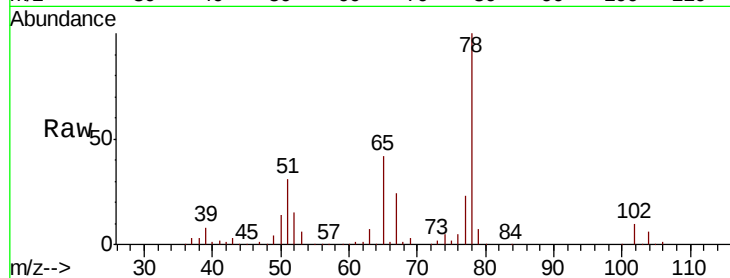




#33
 1,2-Dichloroethane-d4
 Concen: 52.601 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

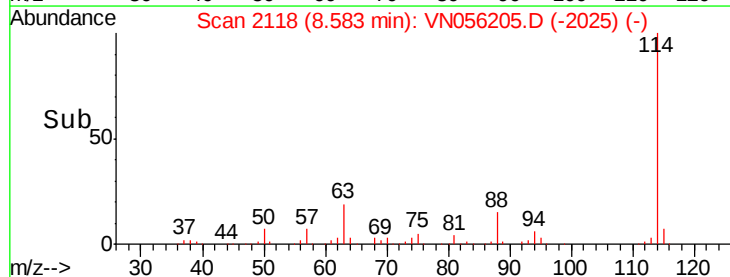
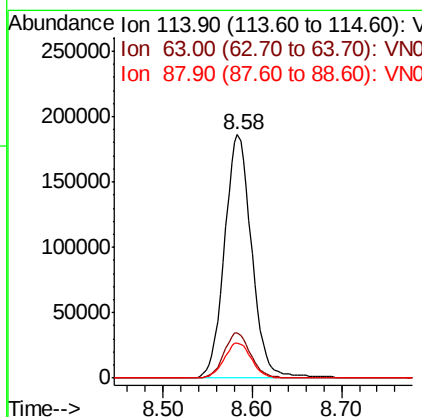
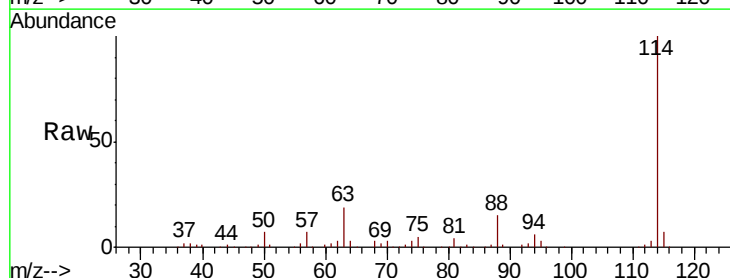
Instrument :
 MSVOA_N
 ClientSampleId :

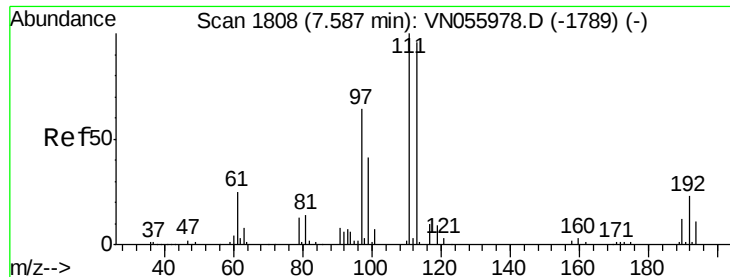
Tot Ion: 65 Resp: 141936
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion: 114 Resp: 392125
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.6 0.0 31.0

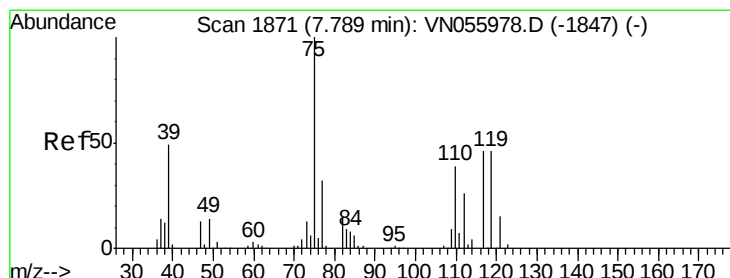
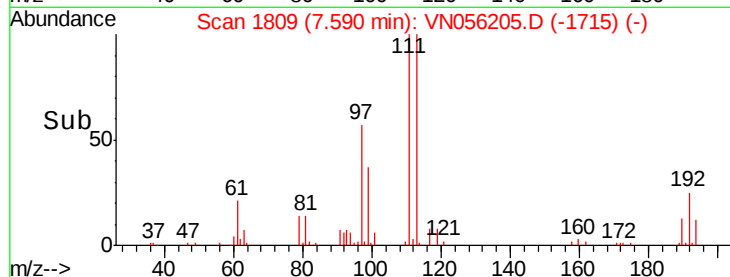
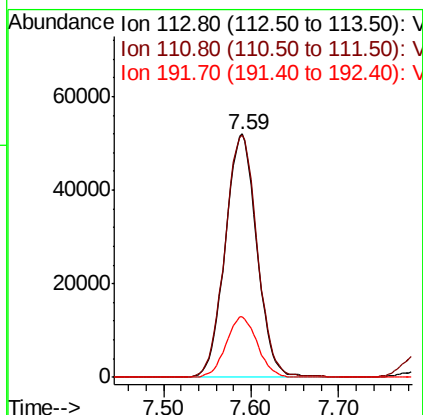
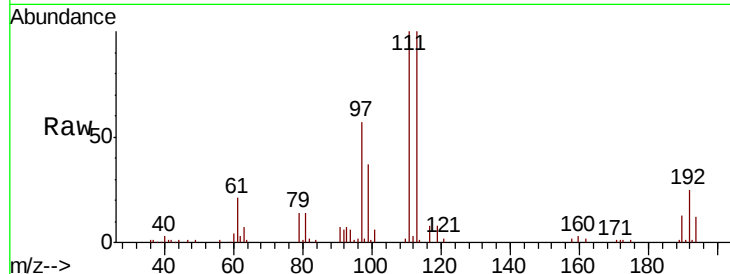




#35
 Dibromofluoromethane
 Concen: 54.087 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

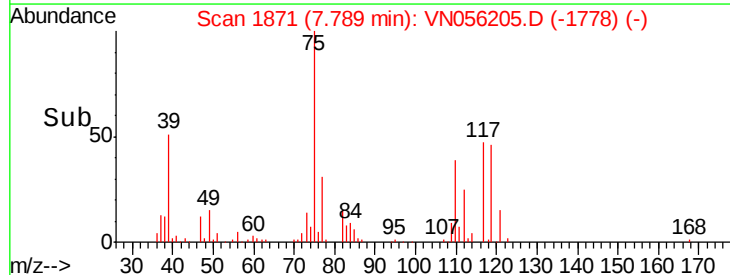
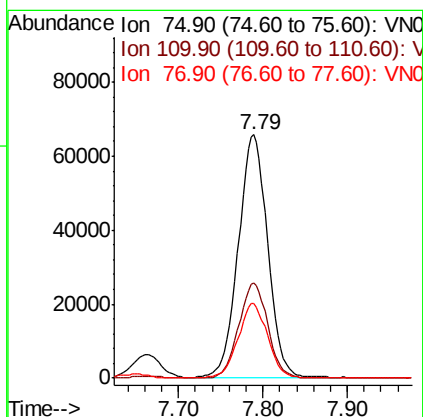
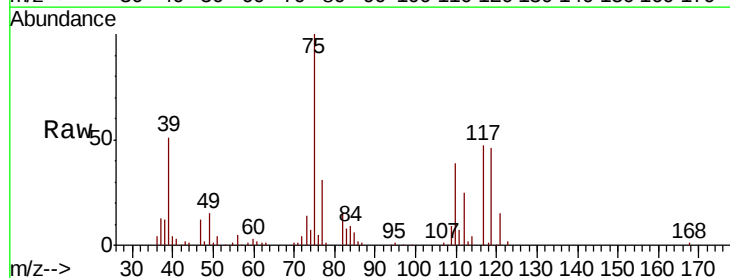
Instrument :
 MSVOA_N
 ClientSampleId :

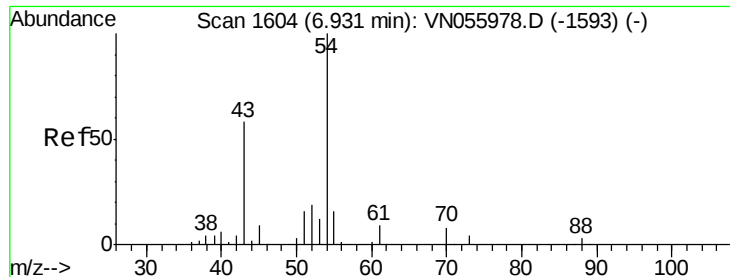
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	24.5	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 47.201 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.0	57.0
77	31.1	25.1	37.7

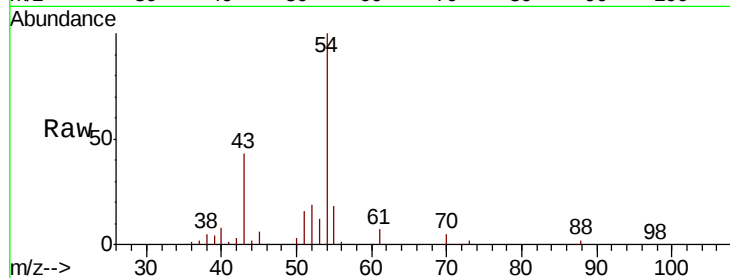




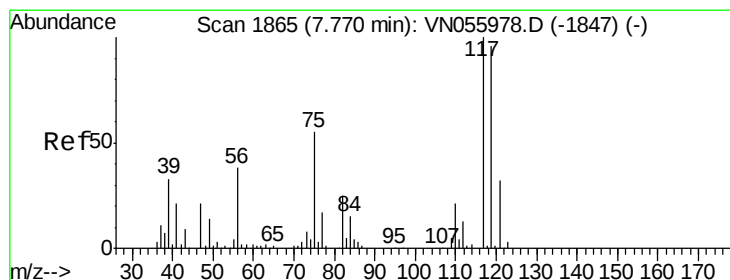
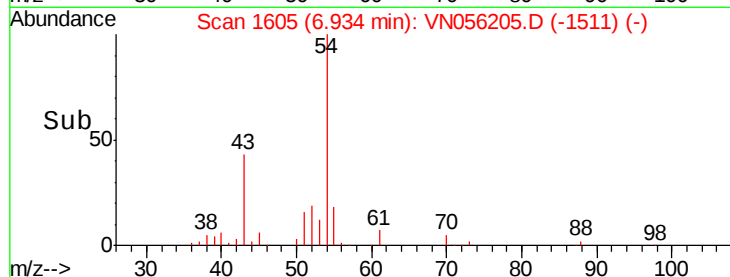
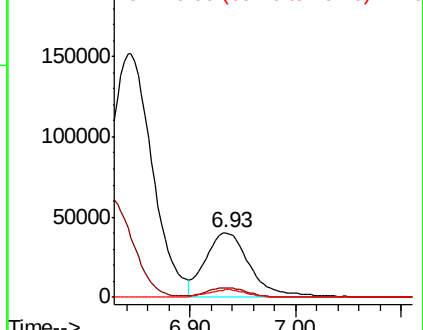
#37
Ethyl Acetate
Concen: 38.270 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 114811
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 10.8 8.9 13.3

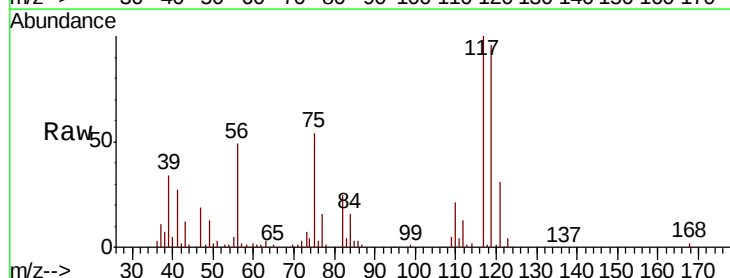


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1593) (-)
Ion 60.90 (60.60 to 61.60): VN055978.D (-1593) (-)
Ion 70.00 (69.70 to 70.70): VN055978.D (-1593) (-)

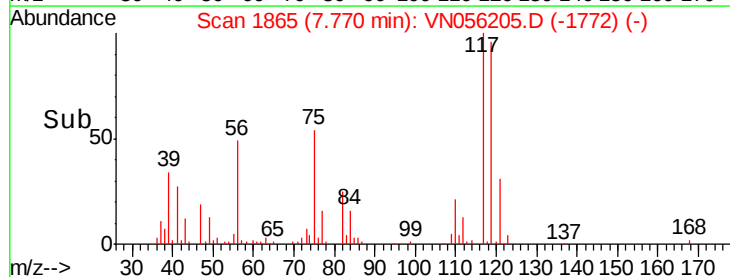
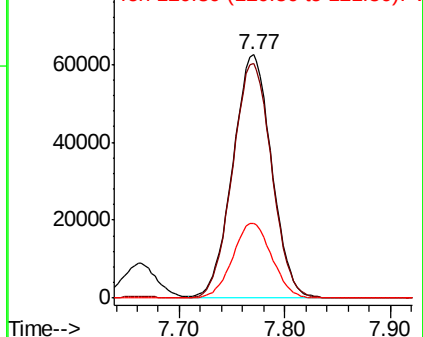


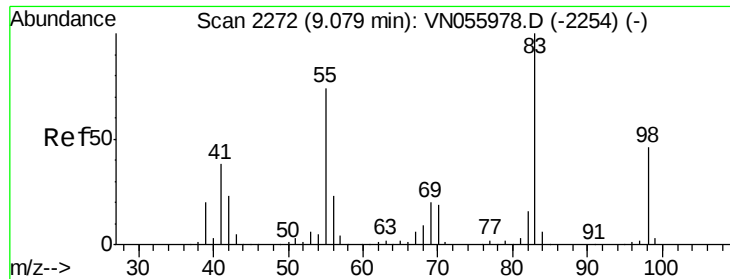
#38
Carbon Tetrachloride
Concen: 51.537 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 117 Resp: 160205
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 30.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-1847) (-)
Ion 118.80 (118.50 to 119.50): VN055978.D (-1847) (-)
Ion 120.80 (120.50 to 121.50): VN055978.D (-1847) (-)

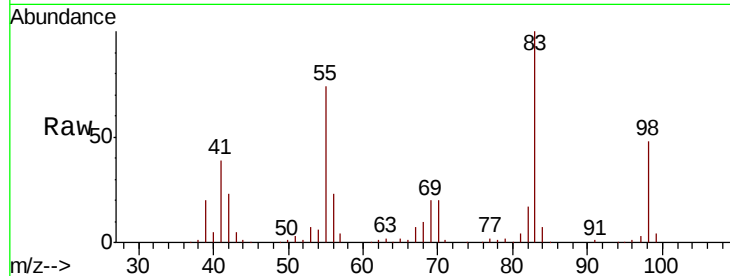




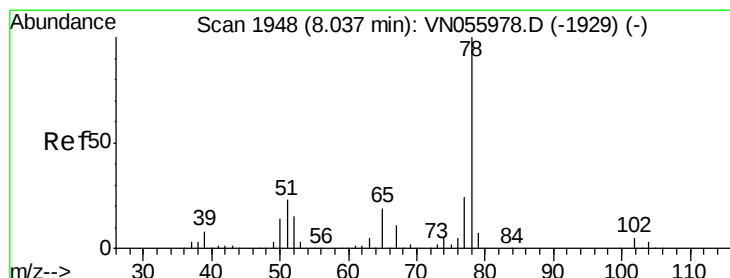
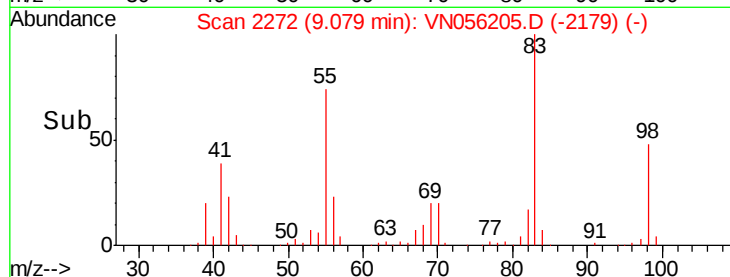
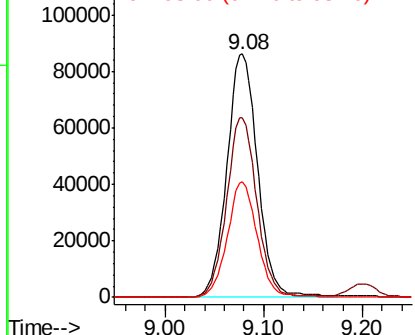
#39
Methvlcvclohexane
Concen: 44.684 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 187682
Ion Ratio Lower Upper
83 100
55 73.9 59.3 88.9
98 47.6 36.6 54.8

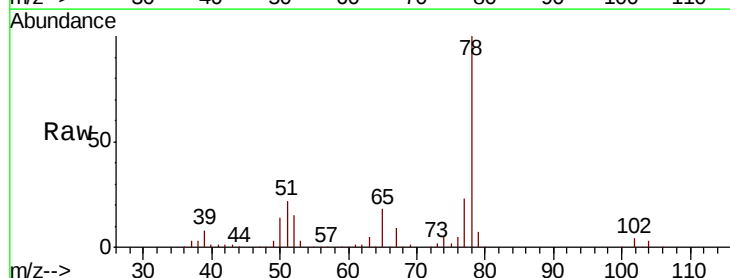


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

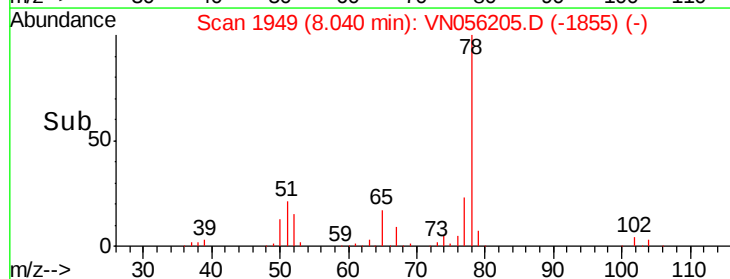
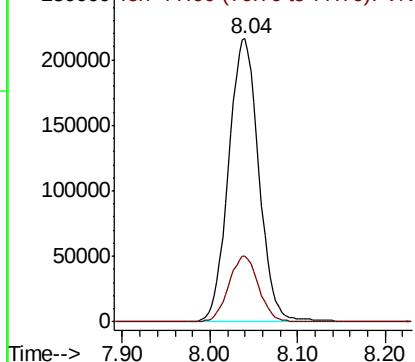


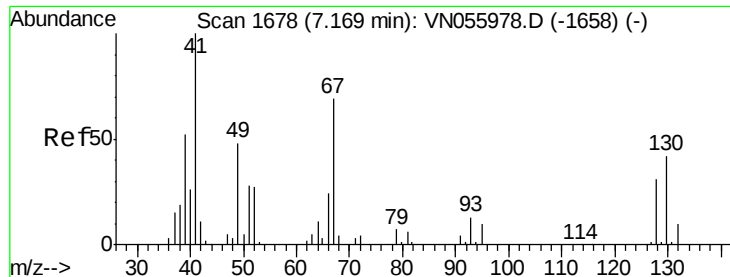
#40
Benzene
Concen: 50.594 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 78 Resp: 518119
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



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

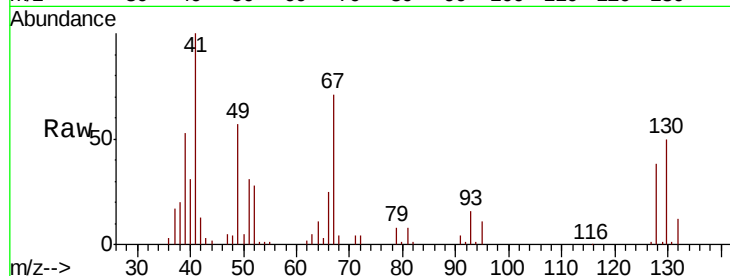




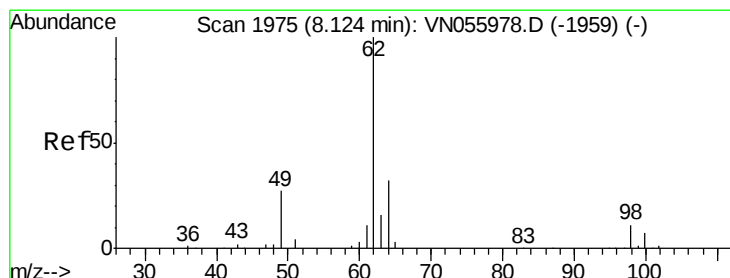
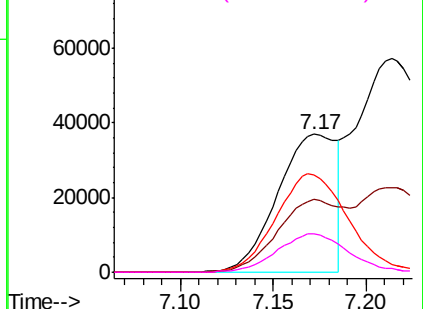
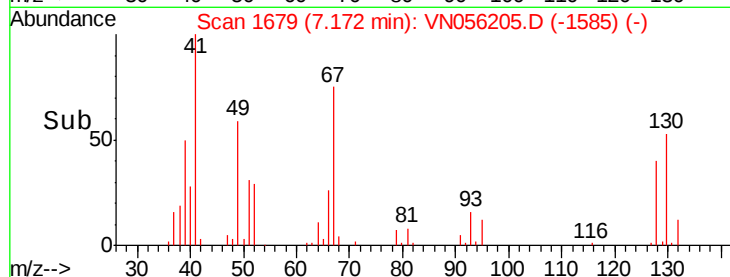
#41
Methacrylonitrile
Concen: 59.404 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 81995
Ion Ratio Lower Upper
41 100
39 60.2 45.6 68.4
67 87.6 67.7 101.5
52 33.9 26.6 40.0

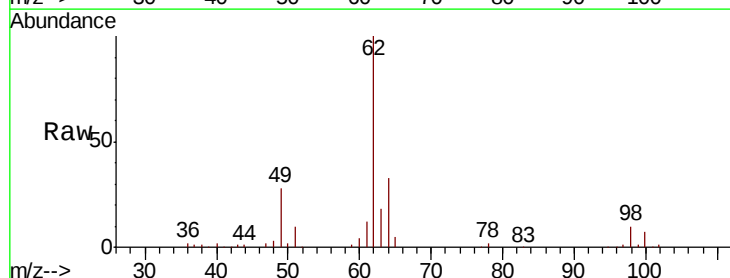


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

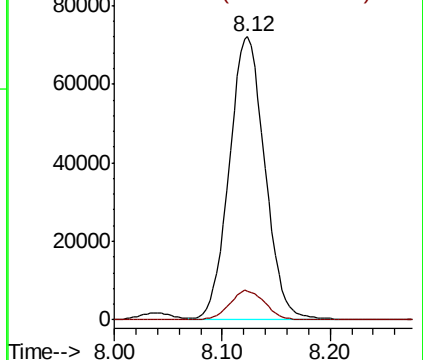
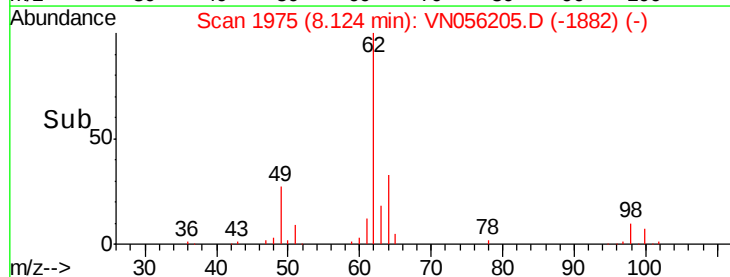


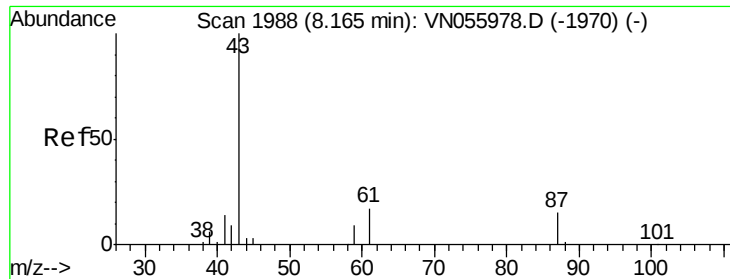
#42
1,2-Dichloroethane
Concen: 50.100 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 62 Resp: 165032
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: 41.057 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

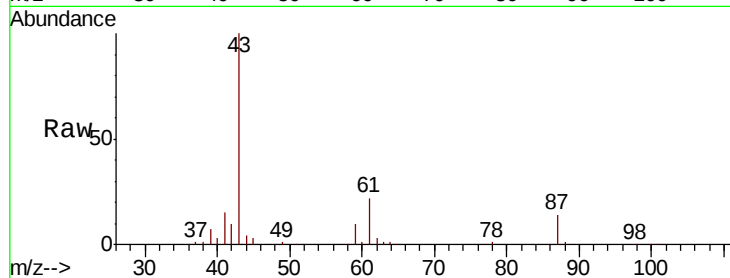
Tot Ion: 43 Resp: 199595

Ion Ratio Lower Upper

43 100

61 21.7 22.2 33.4#

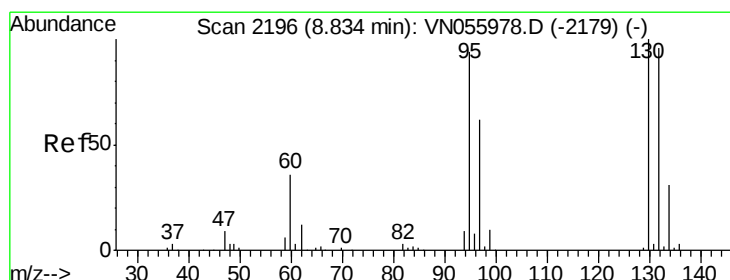
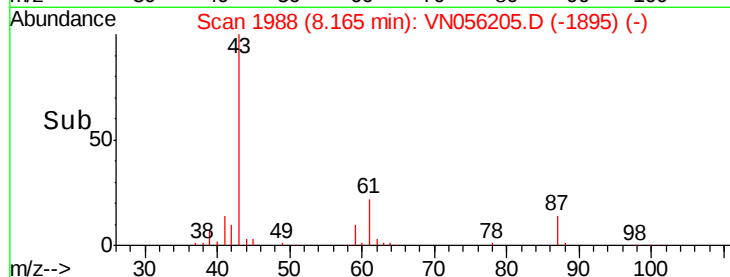
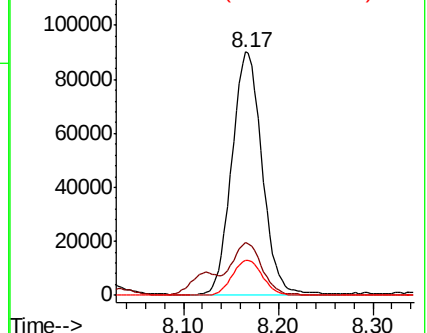
87 14.5 11.4 17.2



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: 60.958 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056205.D

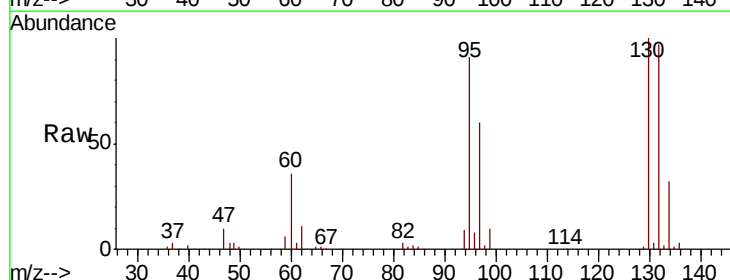
Acq: 11 Jun 2019 7:16

Tgt Ion:130 Resp: 179379

Ion Ratio Lower Upper

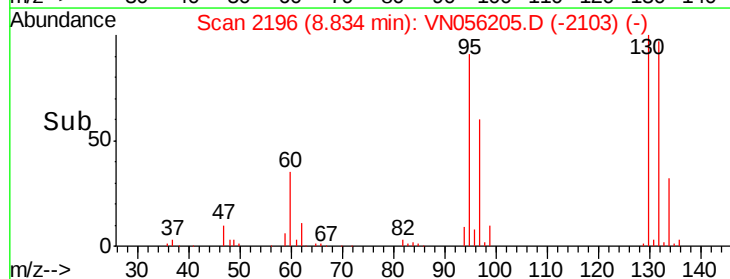
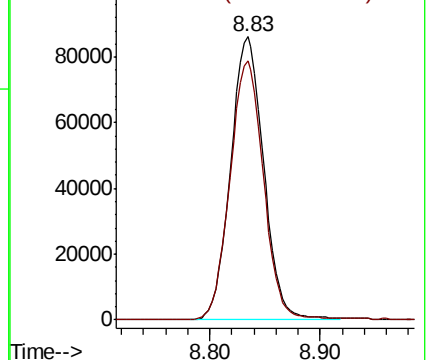
130 100

95 91.4 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) (-)





#45

1,2-Dichloropropane

Concen: 51.313 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

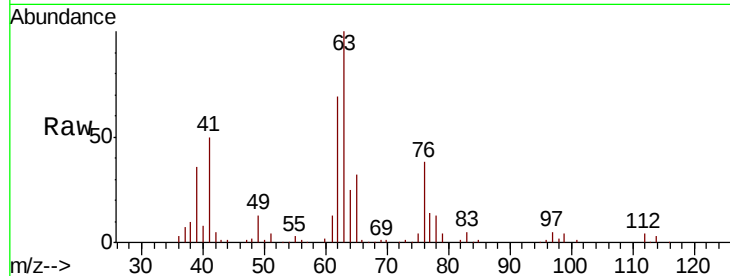
ClientSampleId :

Tot Ion: 63 Resp: 134599

Ion Ratio Lower Upper

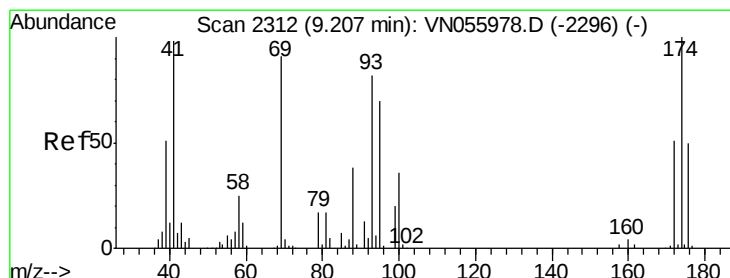
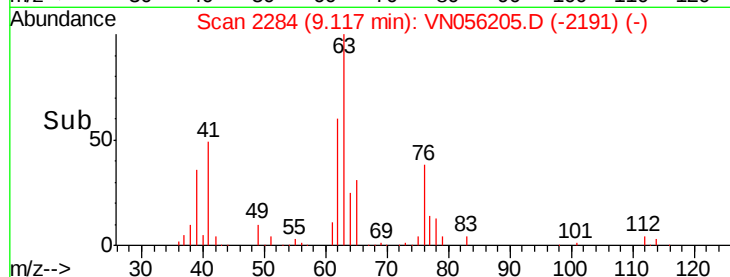
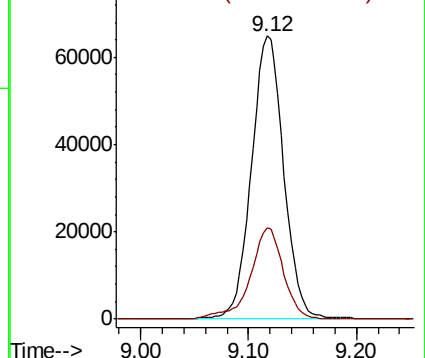
63 100

65 32.3 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: 52.831 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

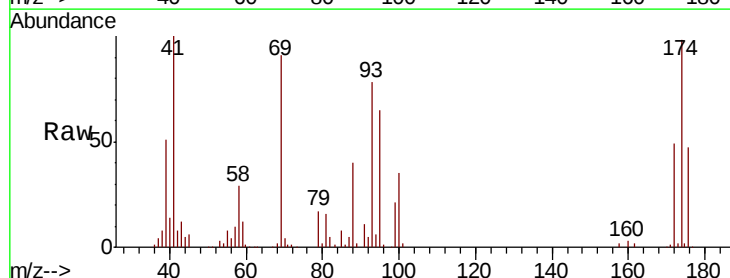
Tgt Ion: 93 Resp: 90621

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

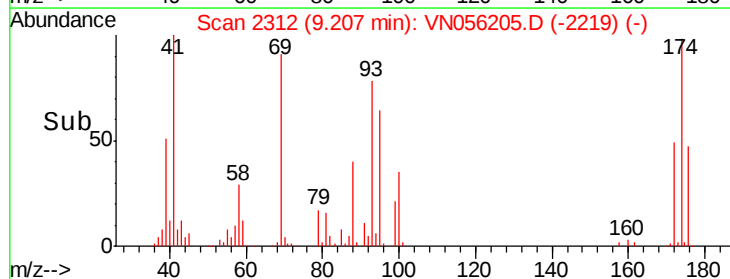
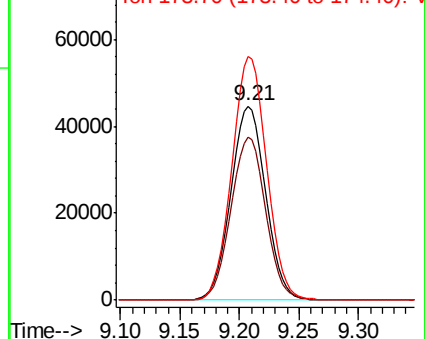
174 125.5 96.4 144.6



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: 54.673 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

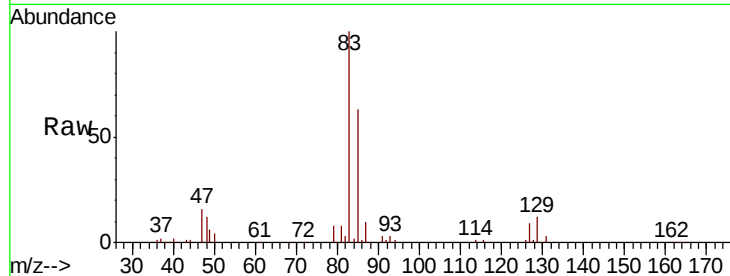
Tot Ion: 83 Resp: 169969

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.2

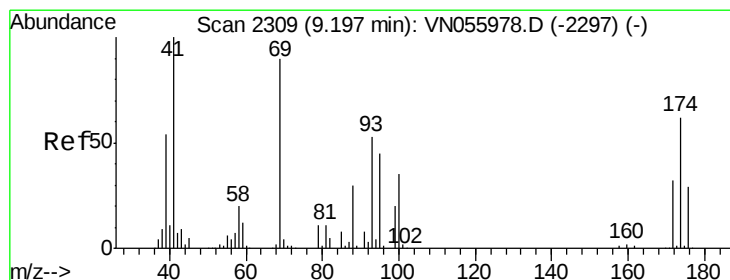
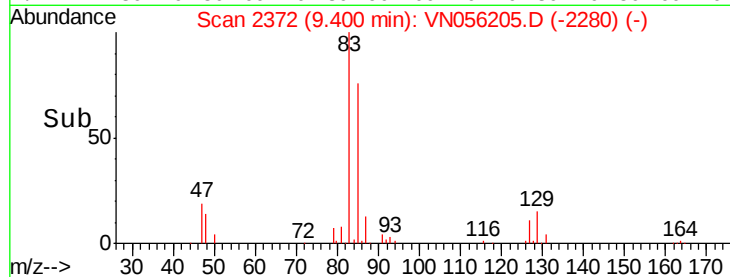
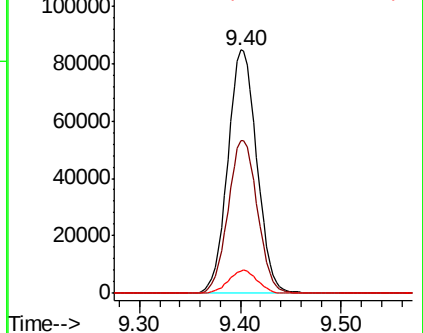
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 53.998 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

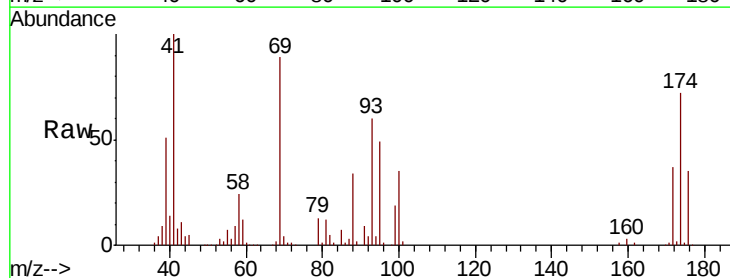
Tgt Ion: 41 Resp: 128425

Ion Ratio Lower Upper

41 100

69 90.9 71.0 106.6

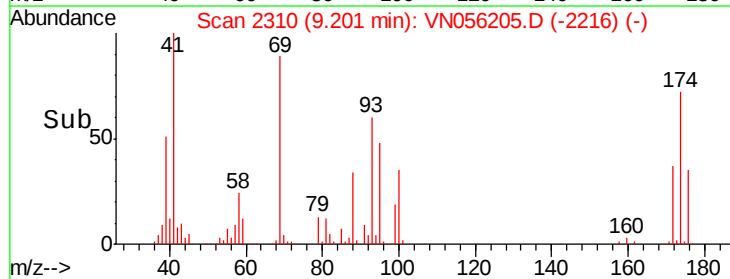
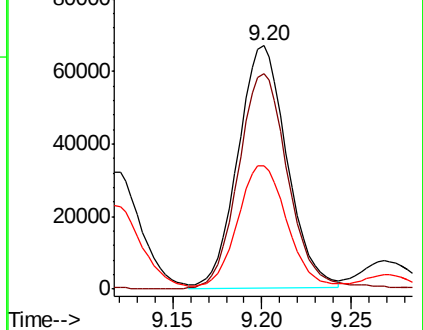
39 51.5 44.2 66.2

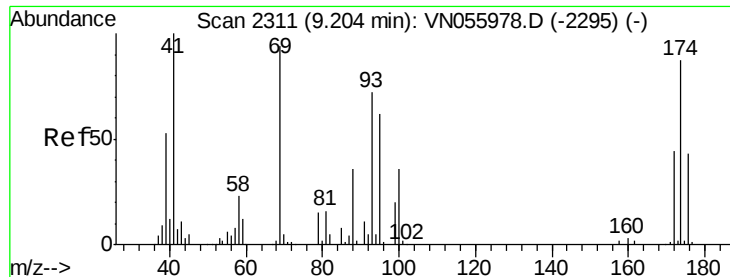


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

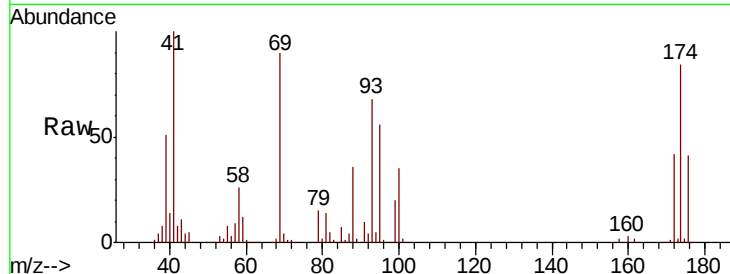




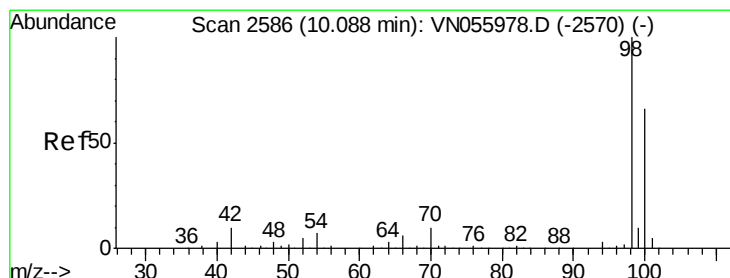
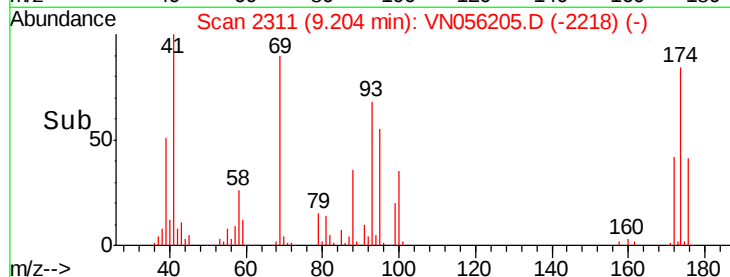
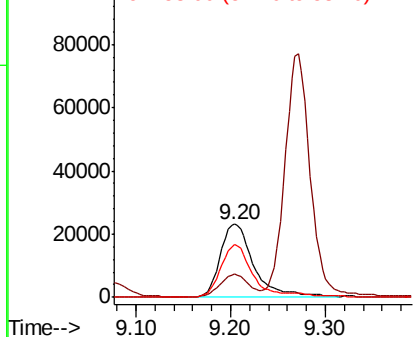
#49
1,4-Dioxane
Concen: 1120.850 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 57551
Ion Ratio Lower Upper
88 100
43 26.2 20.5 30.7
58 69.9 55.8 83.6

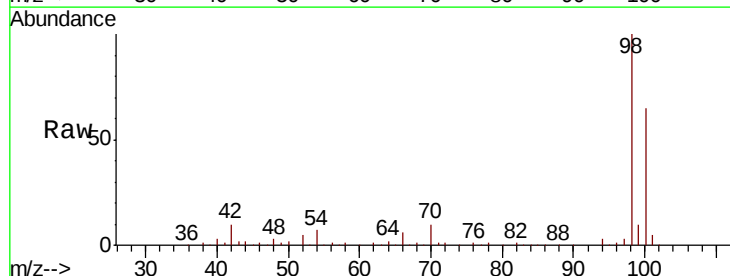


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

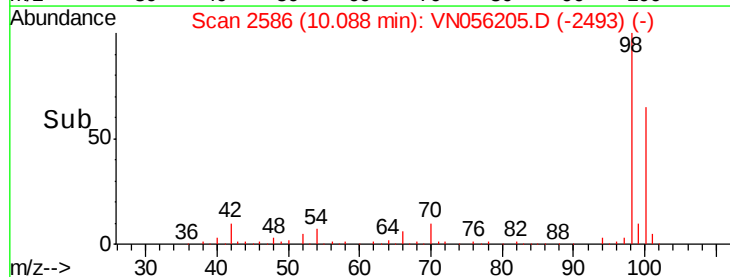
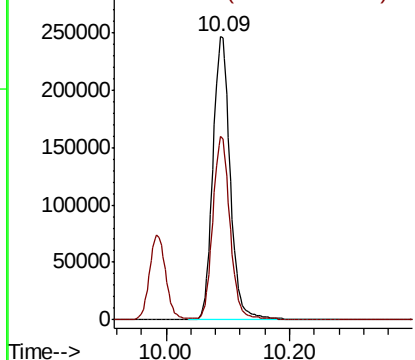


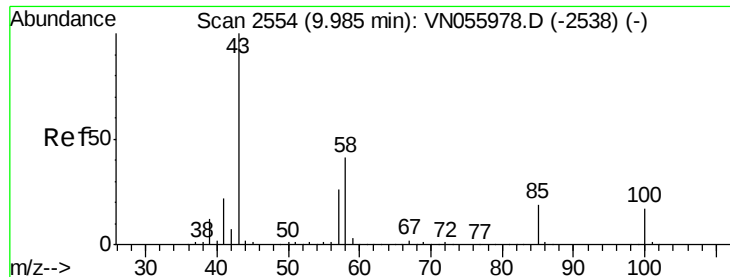
#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 98 Resp: 479650
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 277.396 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

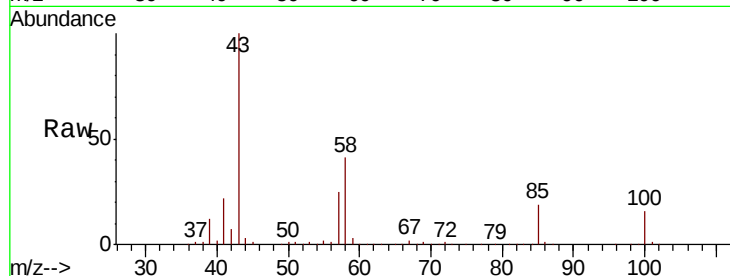
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 843311

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



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

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

400000

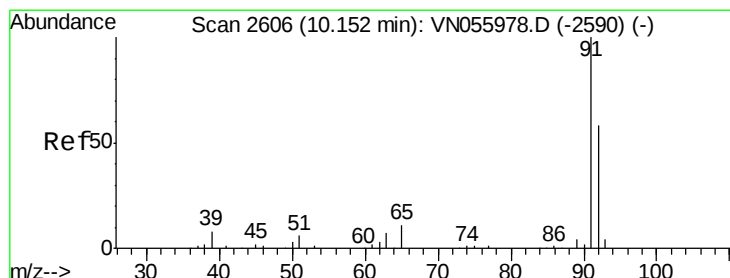
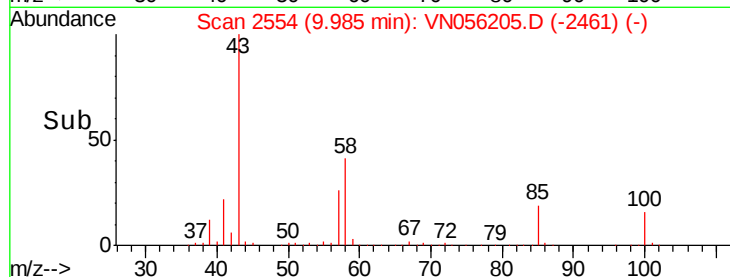
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.933 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056205.D

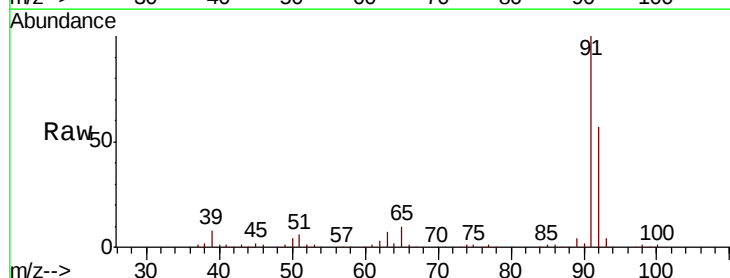
Acq: 11 Jun 2019 7:16

Tgt Ion: 92 Resp: 324566

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.2



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

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.15

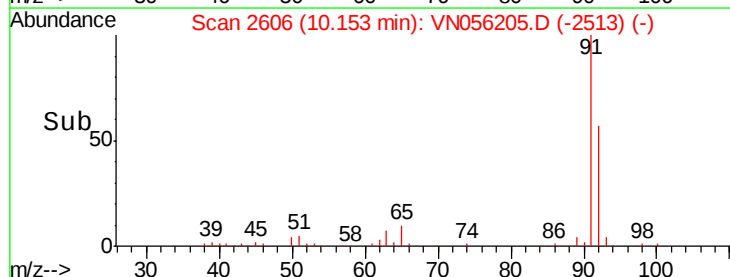
300000

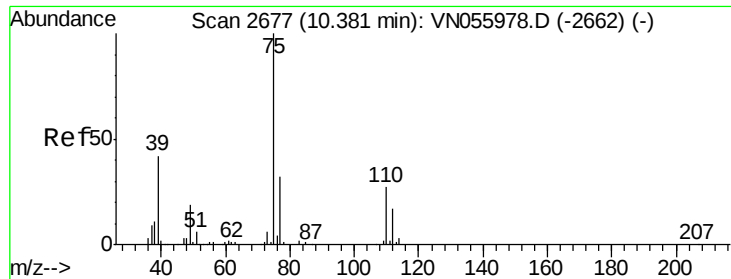
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 41.698 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

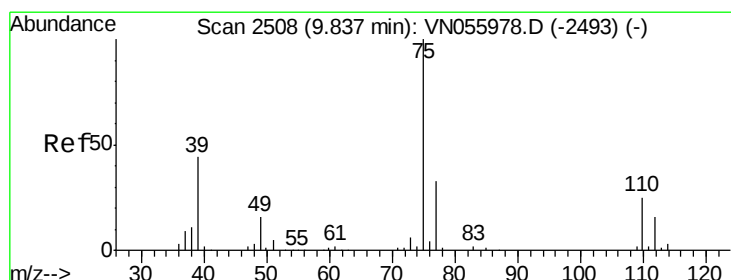
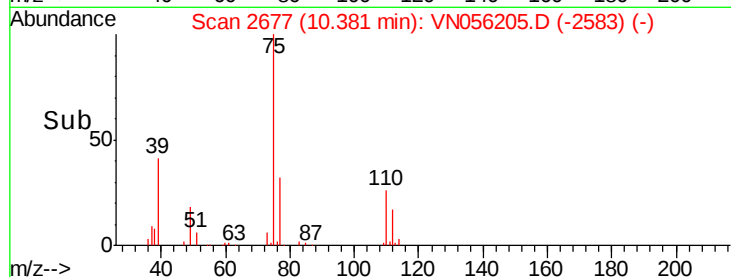
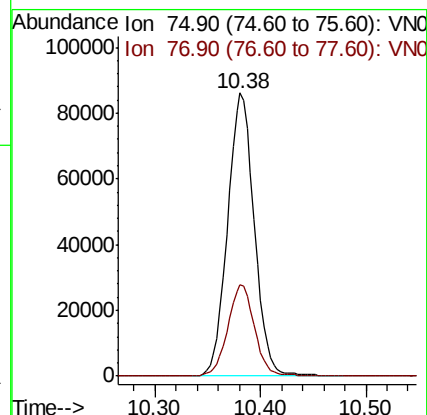
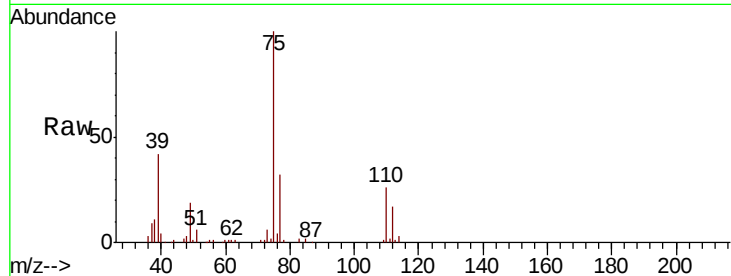
ClientSampleId :

Tot Ion: 75 Resp: 150458

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.723 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

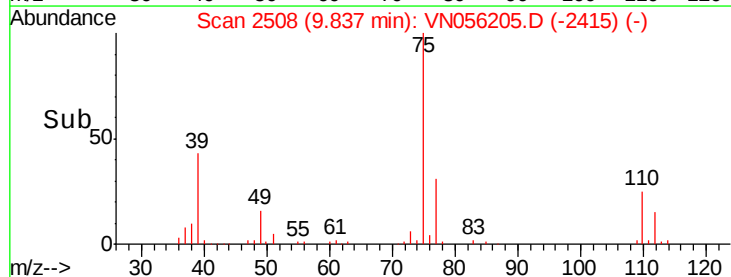
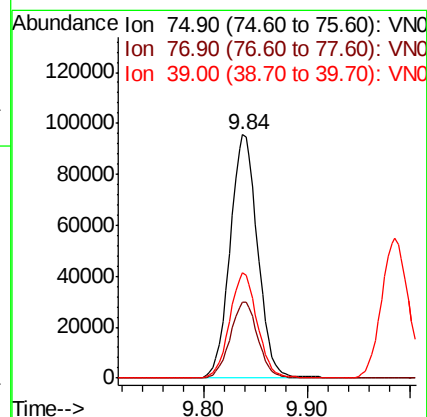
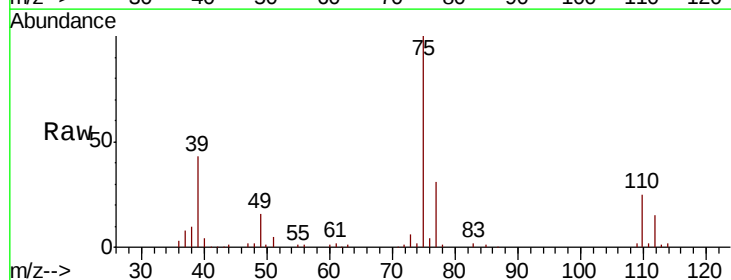
Tgt Ion: 75 Resp: 178334

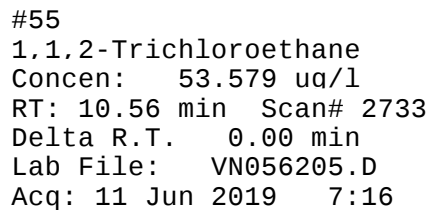
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

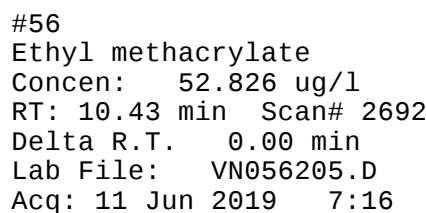
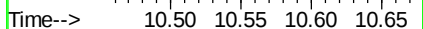
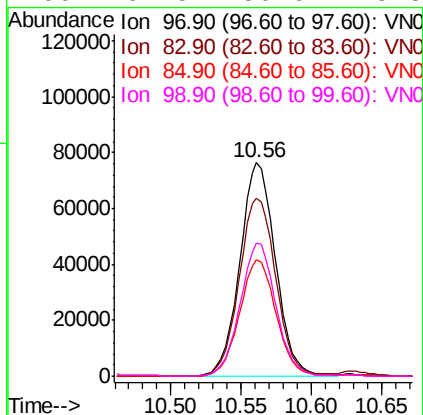
39 42.8 36.3 54.5



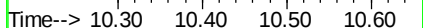
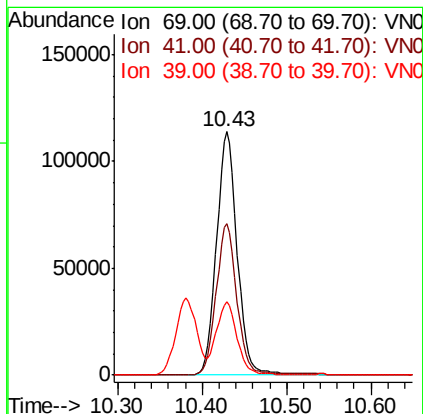


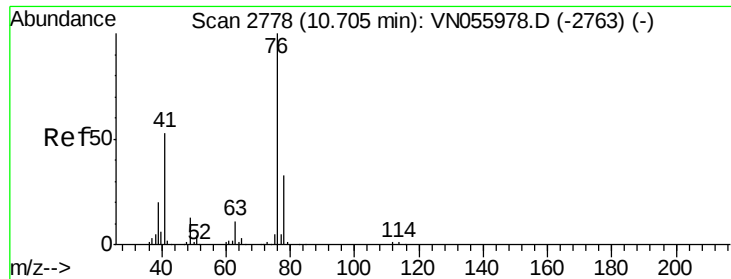
Instrument :
MSVOA_N
ClientSampleId :

Tat	Ion: 97	Resp:	135245
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.0	100.6
85	54.5	44.0	66.0
99	62.5	50.6	75.8



Tgt	Ion: 69	Resp:	194532
Ion	Ratio	Lower	Upper
69	100		
41	60.8	49.7	74.5
39	29.7	24.7	37.1

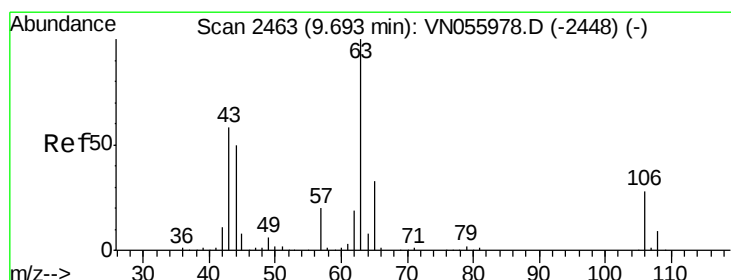
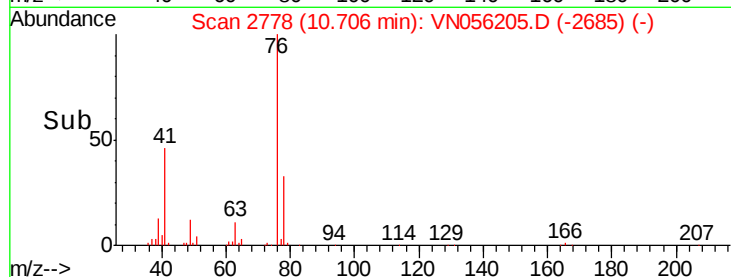
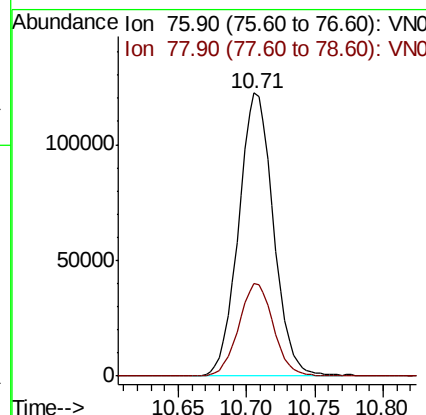
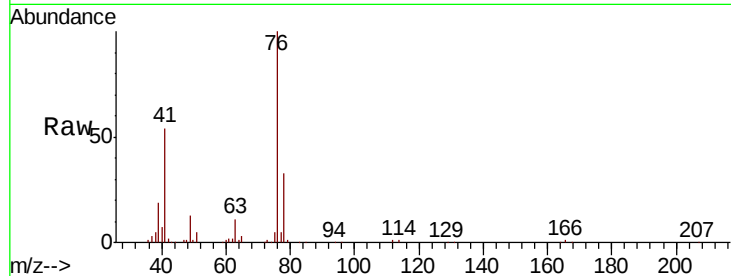




#57
 1,3-Dichloropropane
 Concen: 52.859 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

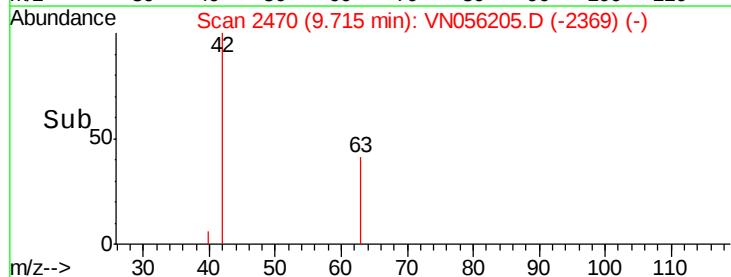
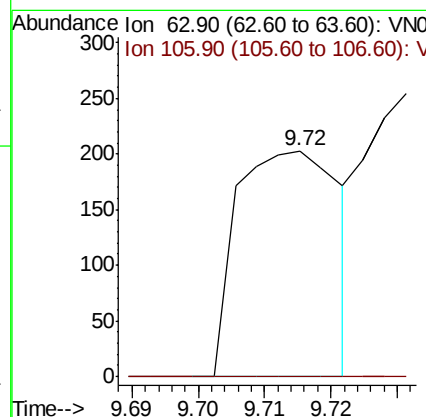
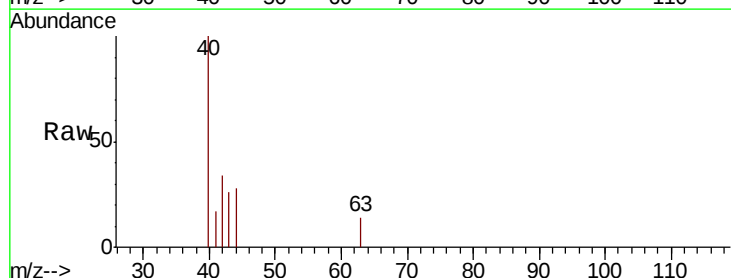
Instrument :
 MSVOA_N
 ClientSampleId :

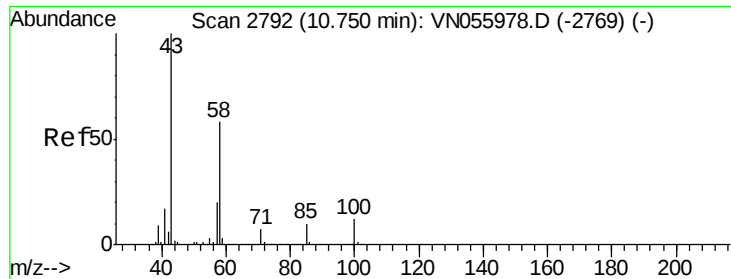
Tot Ion: 76 Resp: 216905
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.014 ug/l
 RT: 9.72 min Scan# 2470
 Delta R.T. 0.02 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion: 63 Resp: 216
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

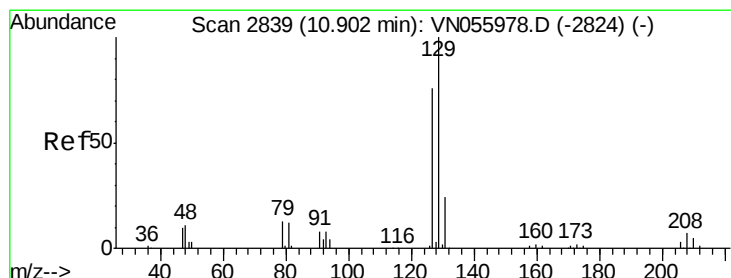
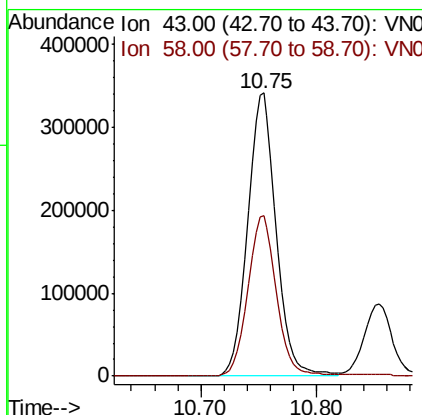
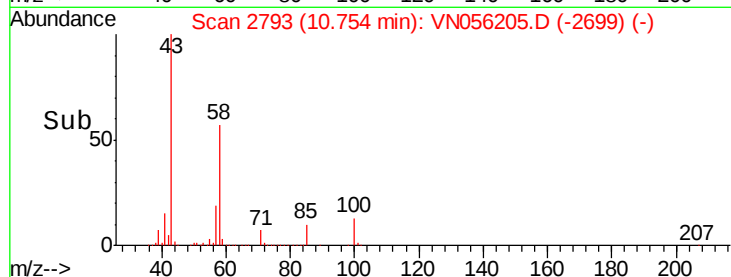
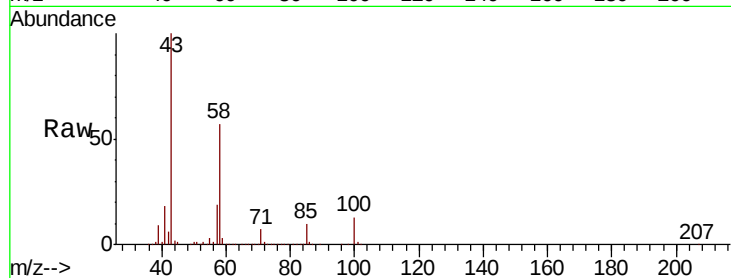




#59
2-Hexanone
Concen: 265.955 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

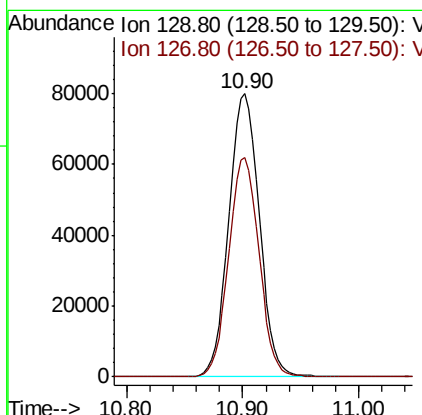
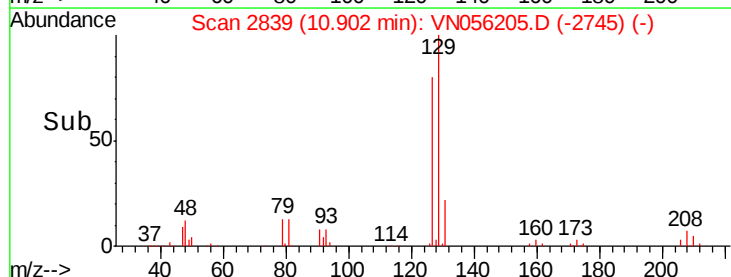
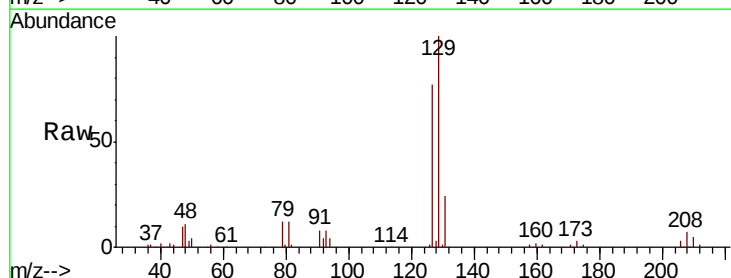
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 586004
Ion Ratio Lower Upper
43 100
58 57.0 28.2 84.7



#60
Dibromochloromethane
Concen: 52.294 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 129 Resp: 145914
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.107 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

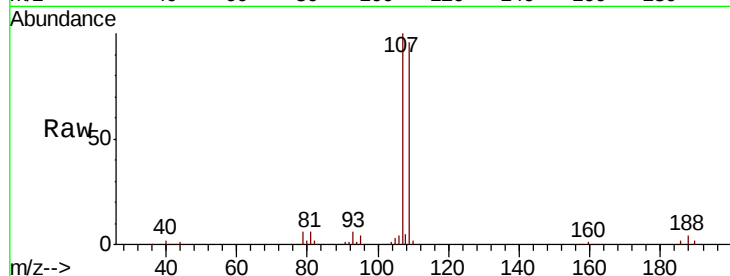
ClientSampleId :

Tot Ion: 107 Resp: 139624

Ion Ratio Lower Upper

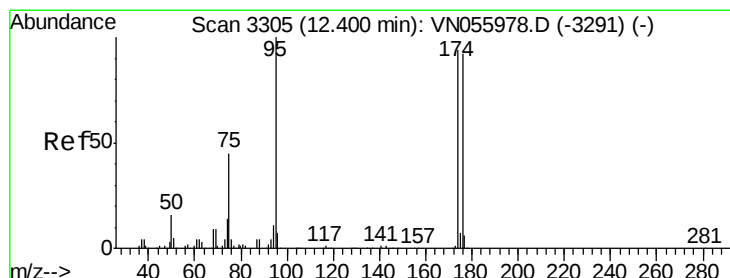
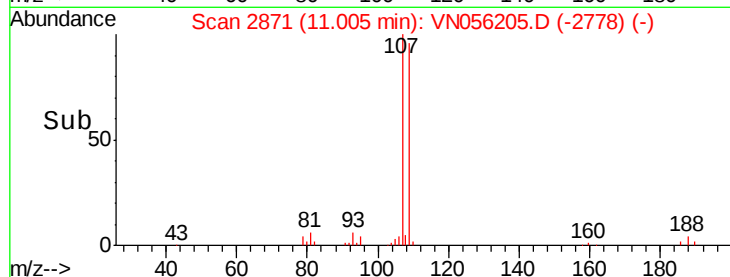
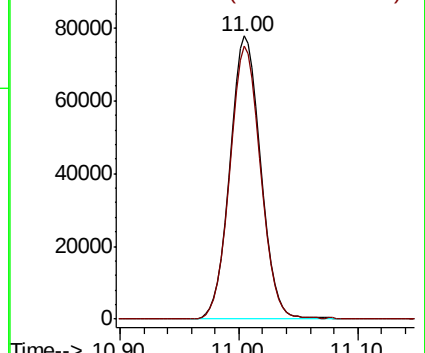
107 100

109 96.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.233 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

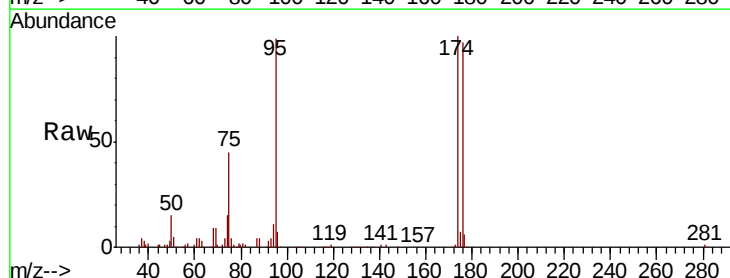
Tgt Ion: 95 Resp: 161295

Ion Ratio Lower Upper

95 100

174 99.1 0.0 191.0

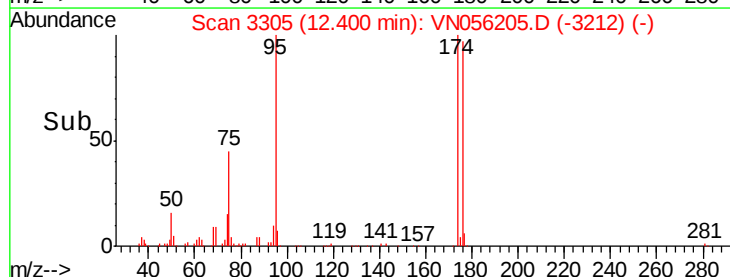
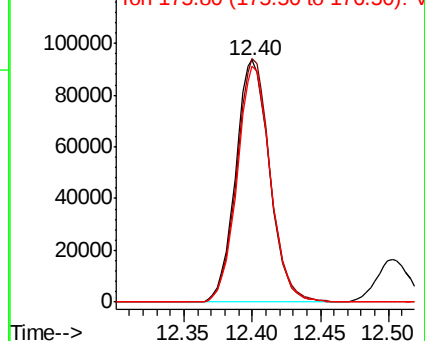
176 95.0 0.0 185.2

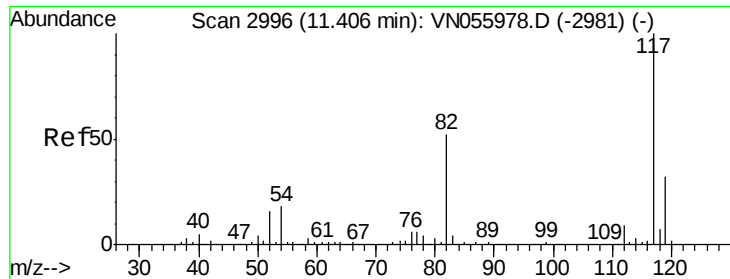


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampled :

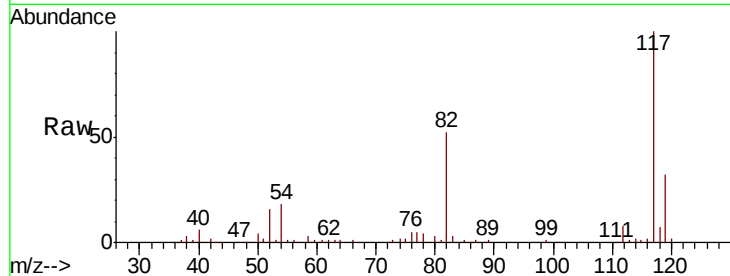
Tot Ion:117 Resp: 358416

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

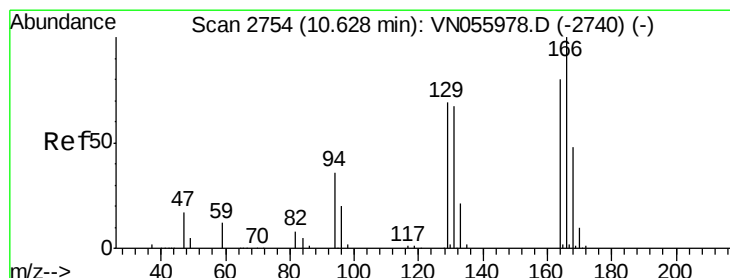
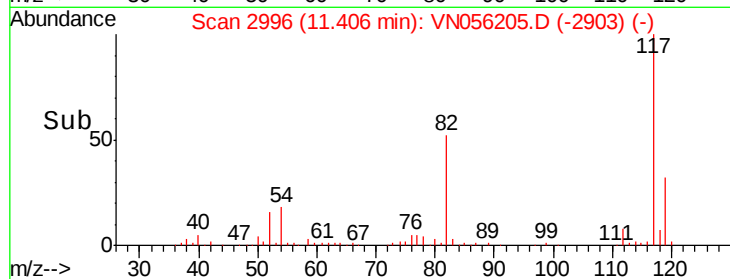
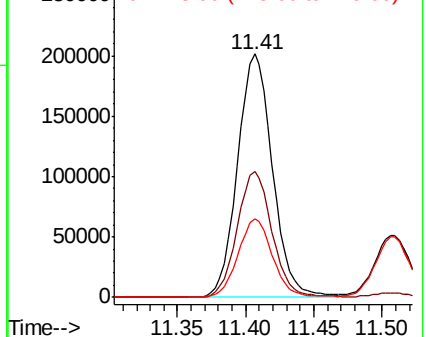
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.796 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Tgt Ion:164 Resp: 148287

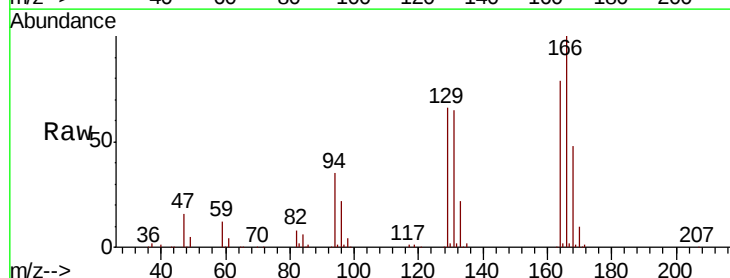
Ion Ratio Lower Upper

164 100

166 126.0 103.0 154.6

129 83.4 70.6 105.8

131 81.6 68.6 102.8

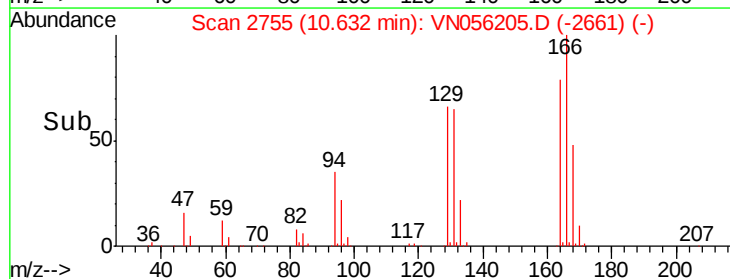
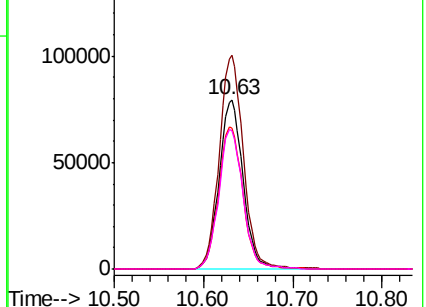


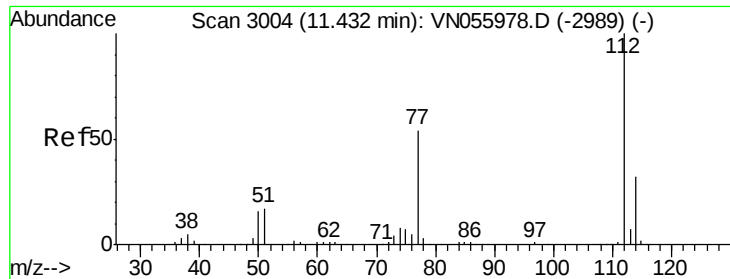
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

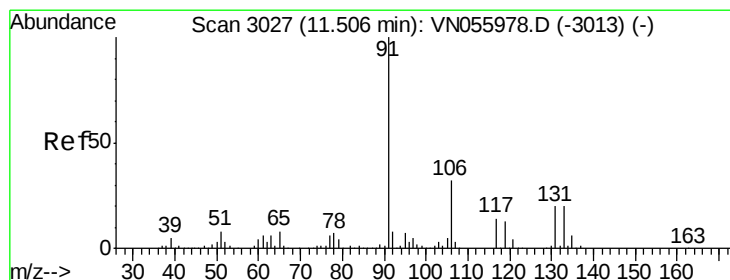
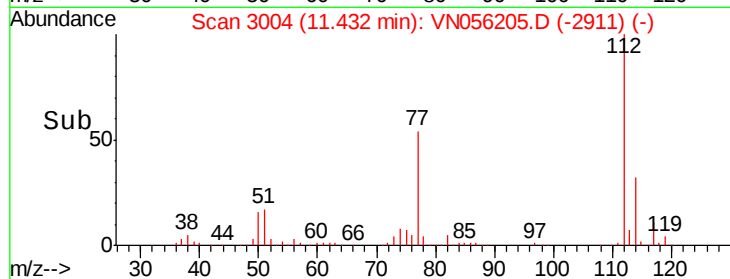
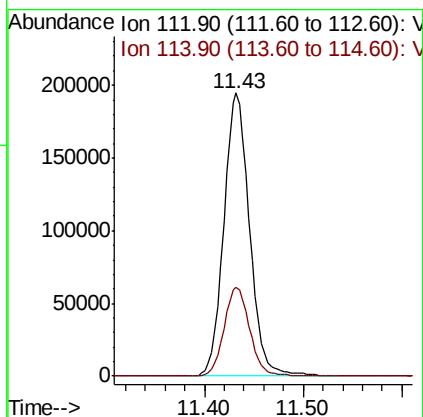
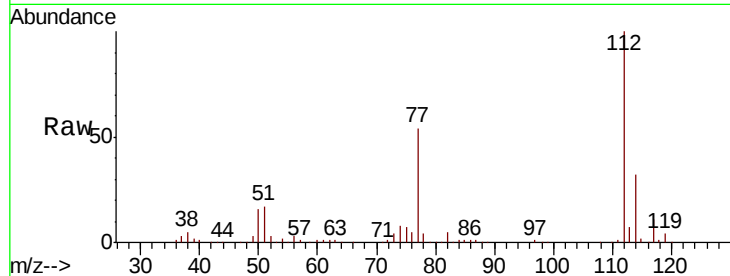




#65
Chlorobenzene
Concen: 49.744 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

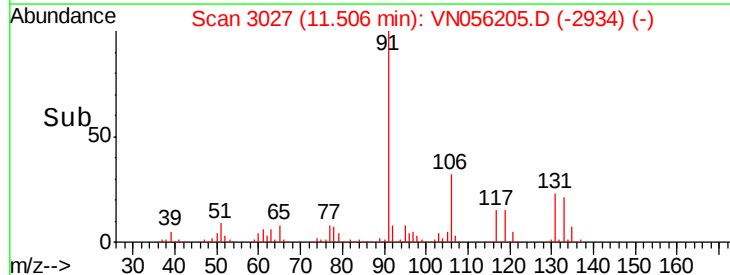
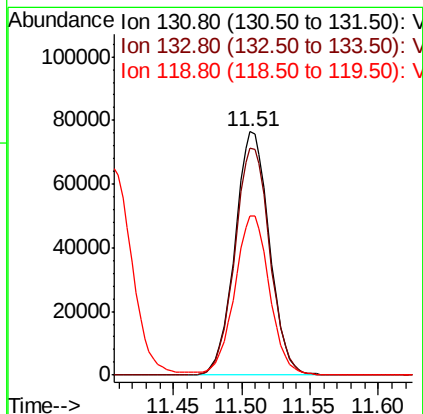
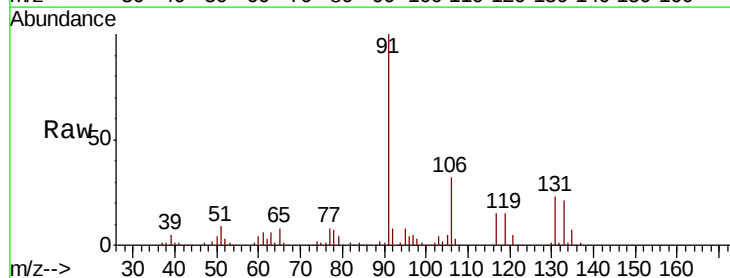
Instrument :
MSVOA_N
ClientSampled :

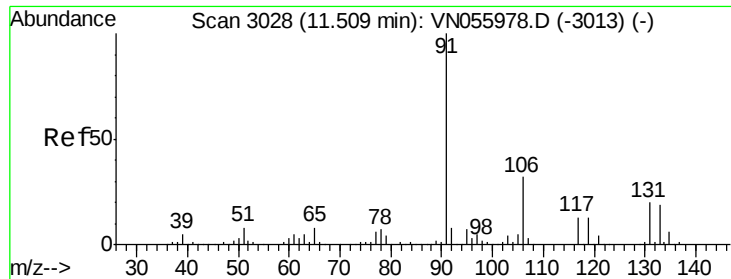
Tot Ion:112 Resp: 354836
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.539 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion:131 Resp: 134329
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 66.0 33.1 99.5

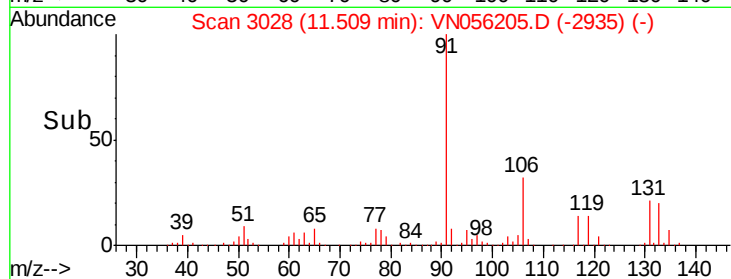
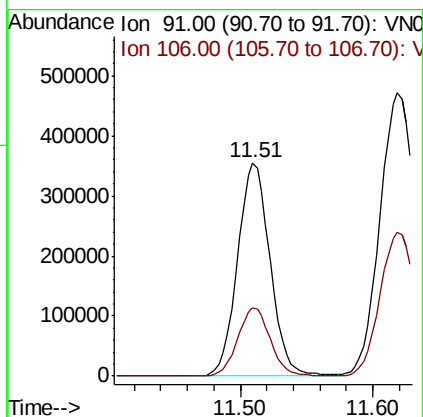
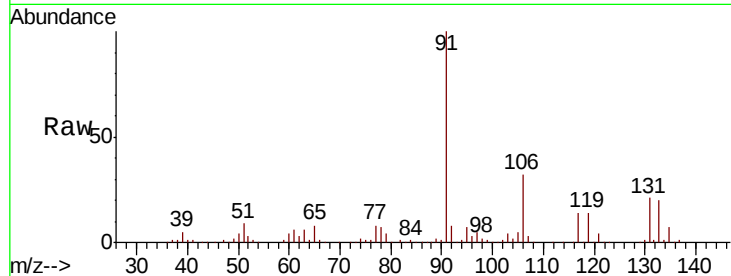




#67
Ethyl Benzene
Concen: 48.851 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

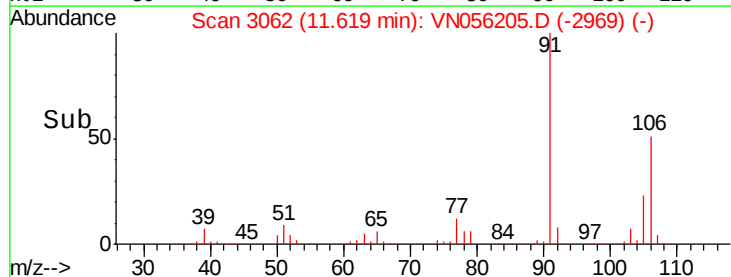
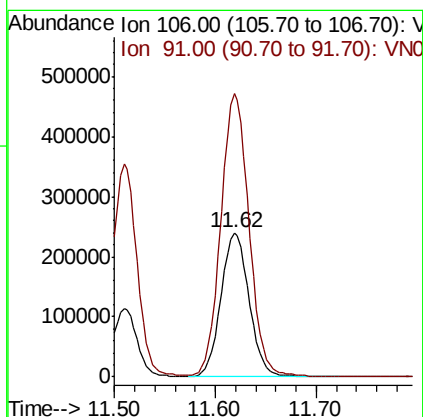
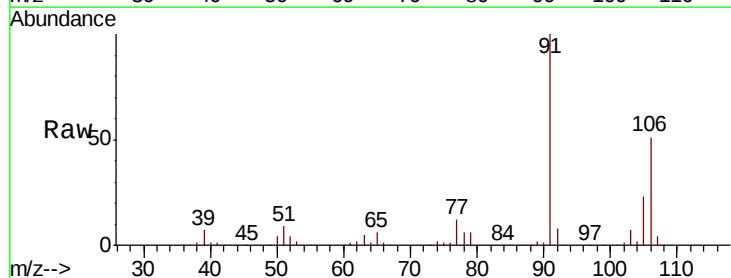
Instrument :
MSVOA_N
ClientSampled :

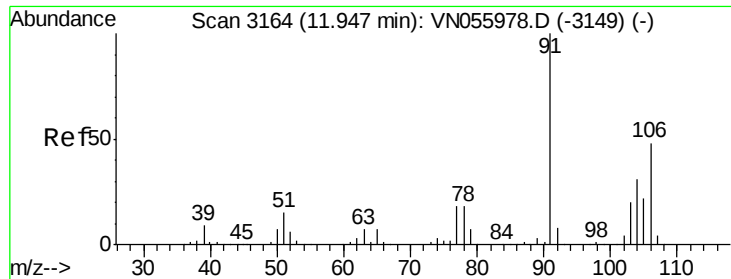
Tot Ion: 91 Resp: 605920
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 99.008 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion: 106 Resp: 469126
Ion Ratio Lower Upper
106 100
91 196.7 159.3 238.9

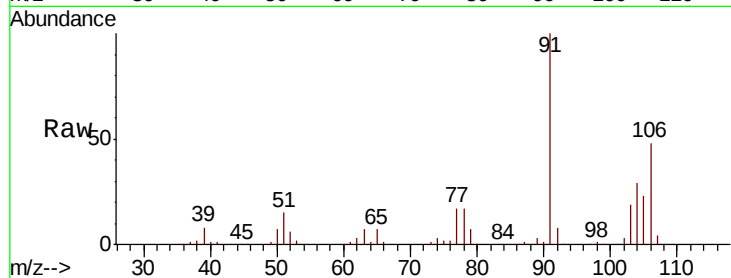




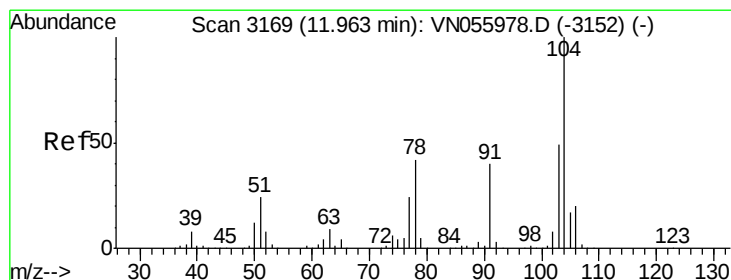
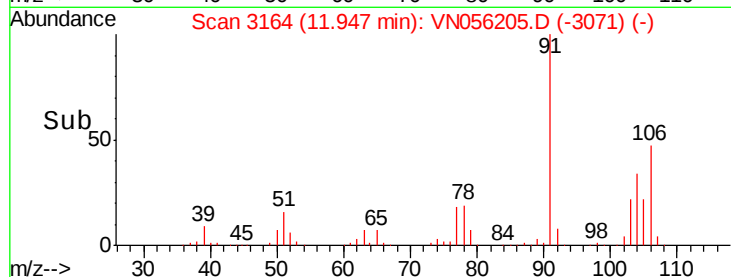
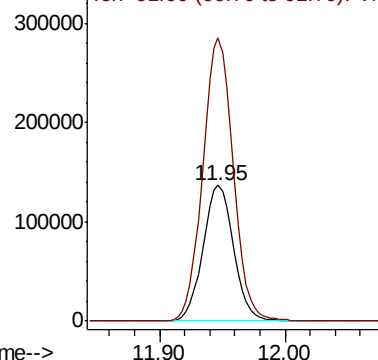
#69
o-Xylene
Concen: 49.752 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 231888
Ion Ratio Lower Upper
106 100
91 207.4 104.7 314.1

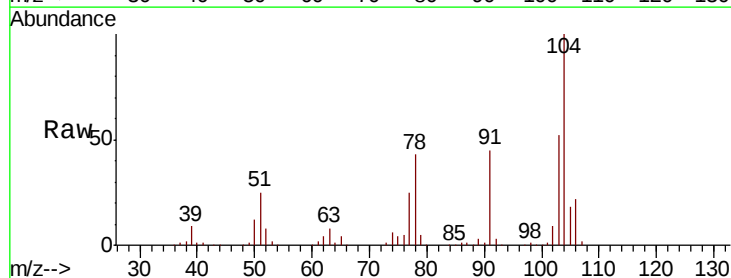


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

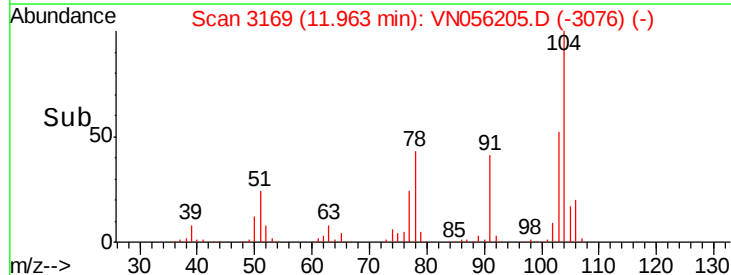
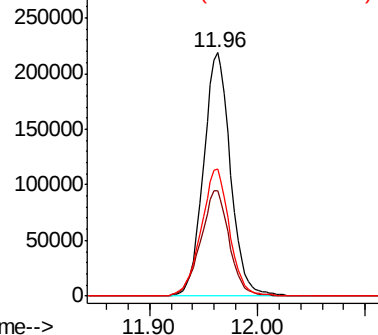


#70
Styrene
Concen: 51.502 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion:104 Resp: 381393
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.2 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

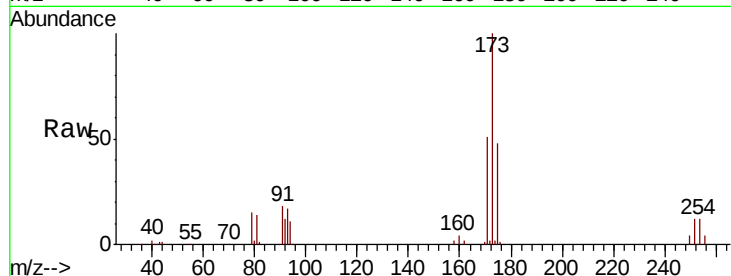




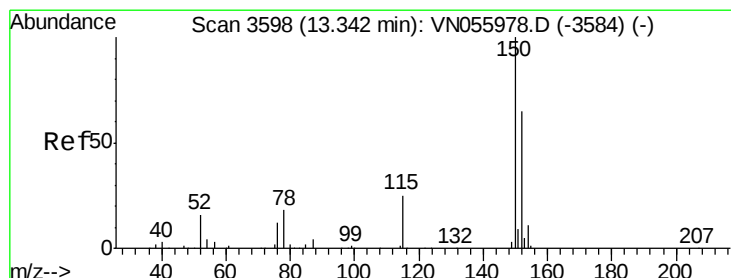
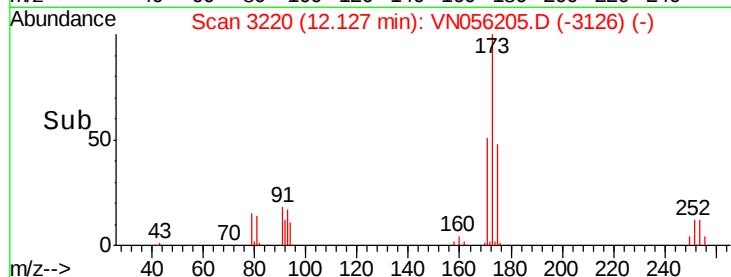
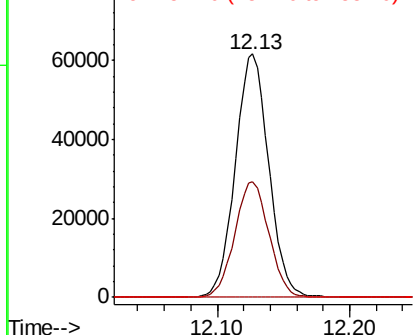
#71
Bromoform
Concen: 52.038 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 107850
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

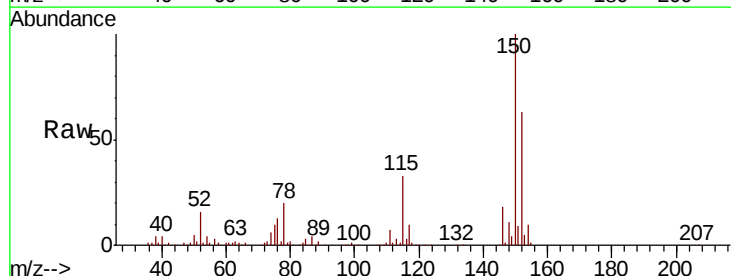


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

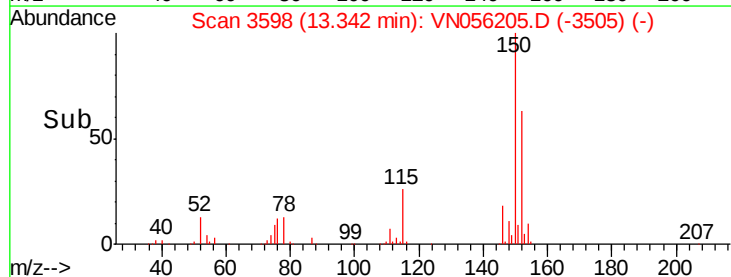
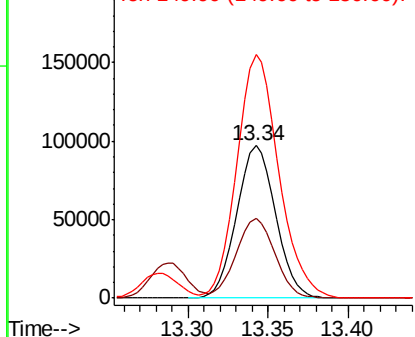


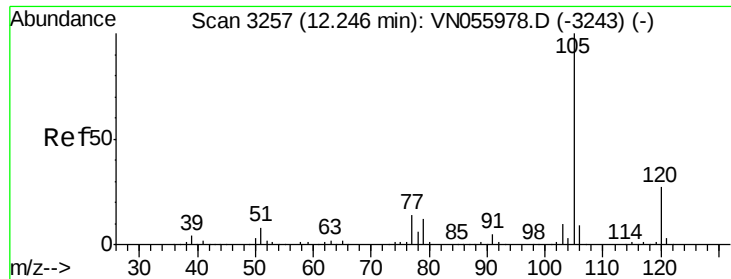
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion:152 Resp: 160466
Ion Ratio Lower Upper
152 100
115 52.3 27.0 81.0
150 172.6 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: 52.428 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

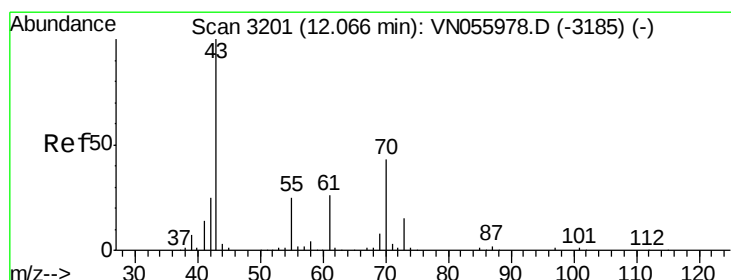
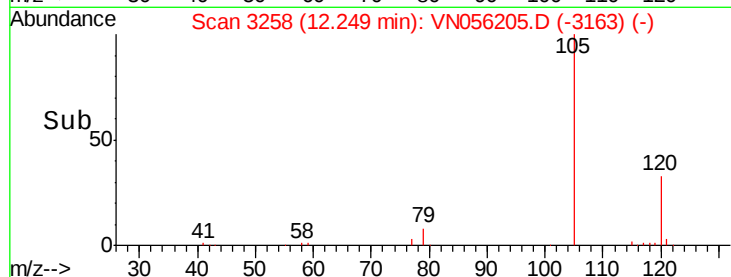
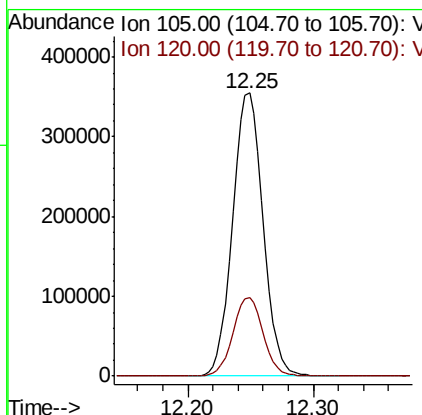
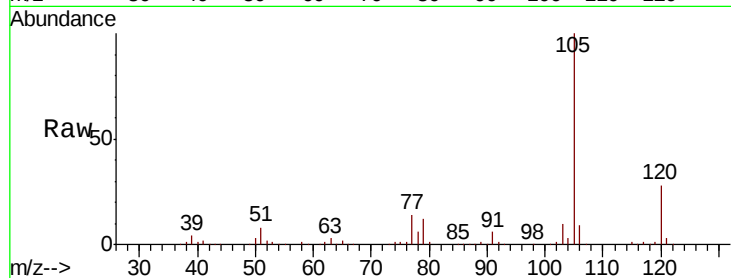
ClientSampleId :

Tot Ion:105 Resp: 598325

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 31.139 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Tgt Ion: 43 Resp: 133194

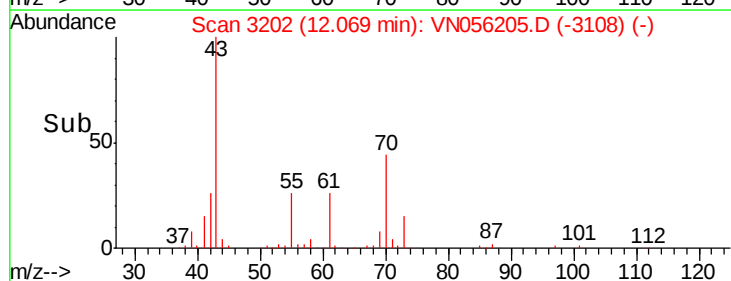
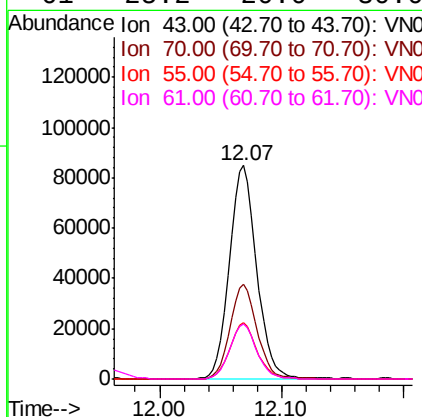
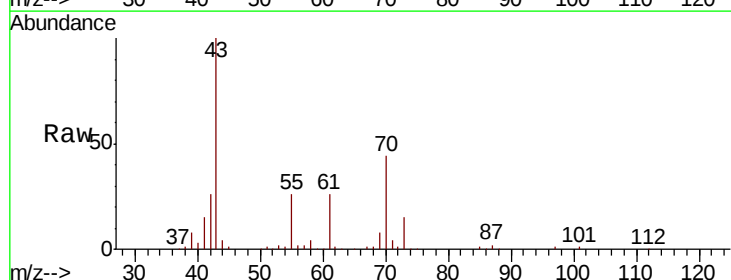
Ion Ratio Lower Upper

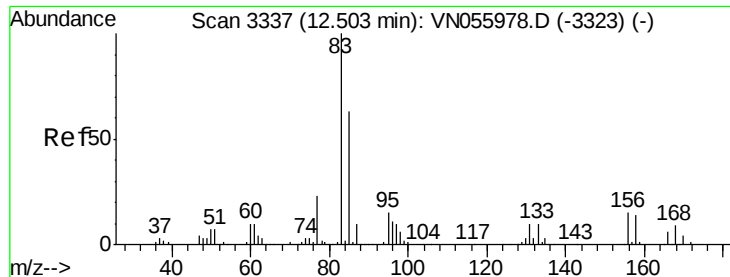
43 100

70 43.9 34.0 51.0

55 25.9 18.6 28.0

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.864 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampled :

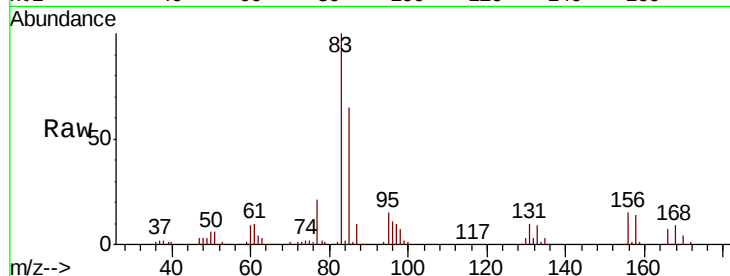
Tot Ion: 83 Resp: 185749

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

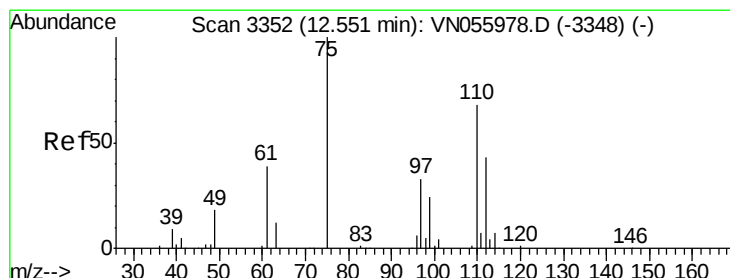
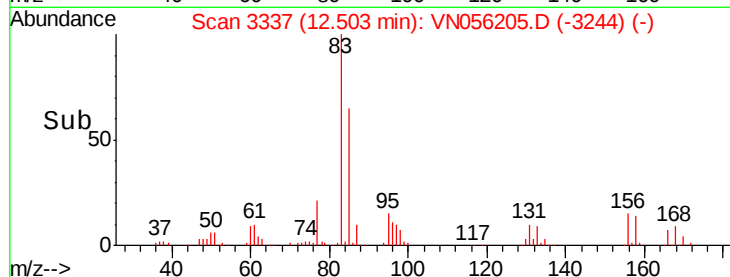
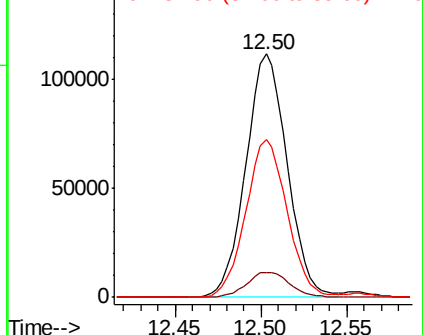
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 69.568 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056205.D

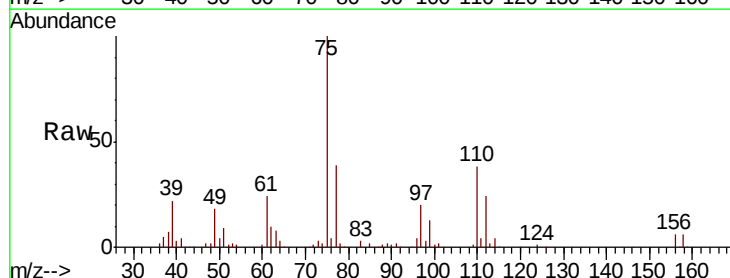
Acq: 11 Jun 2019 7:16

Tgt Ion: 75 Resp: 205409

Ion Ratio Lower Upper

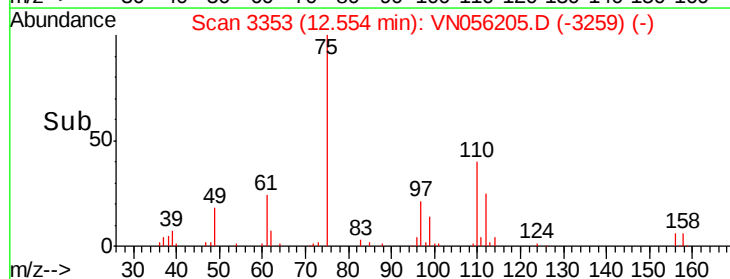
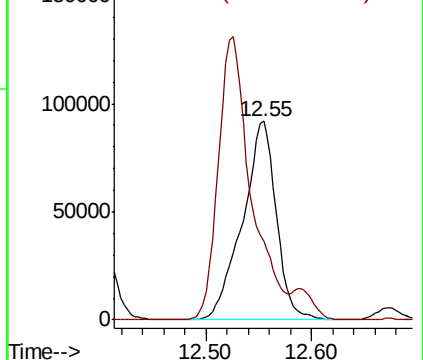
75 100

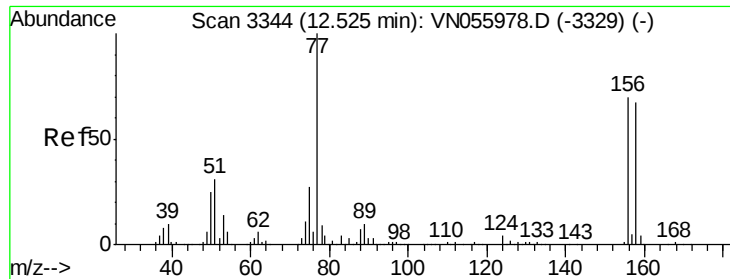
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.988 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

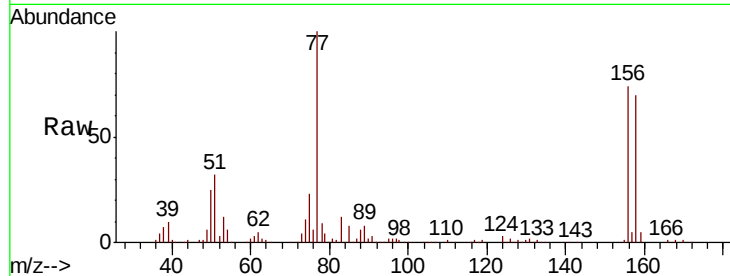
Tot Ion:156 Resp: 168302

Ion Ratio Lower Upper

156 100

77 168.1 90.8 272.5

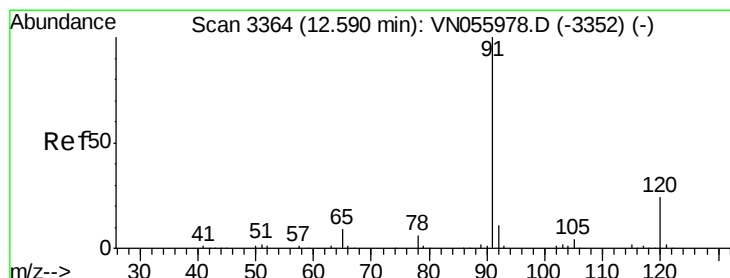
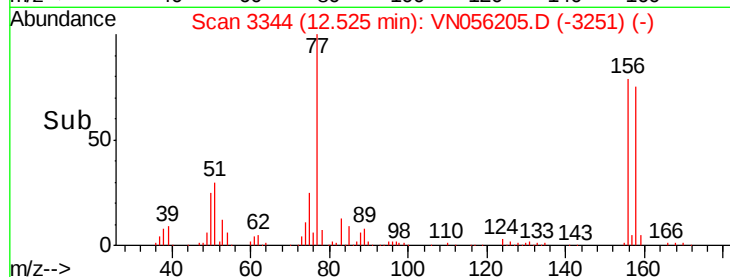
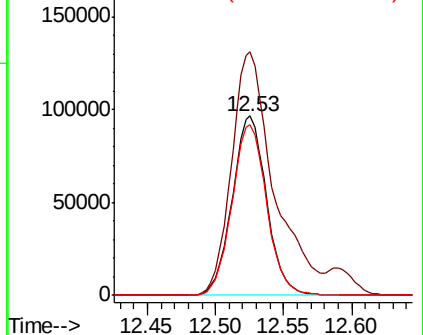
158 96.3 49.3 147.8



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: 46.421 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056205.D

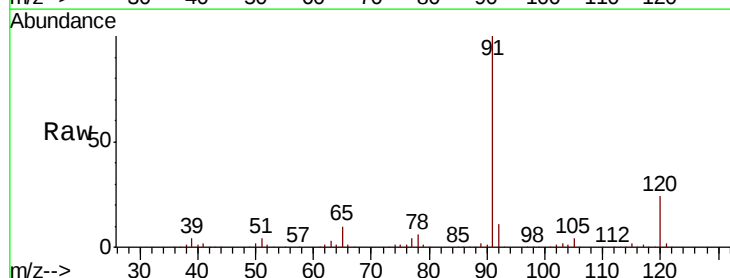
Acq: 11 Jun 2019 7:16

Tgt Ion: 91 Resp: 630174

Ion Ratio Lower Upper

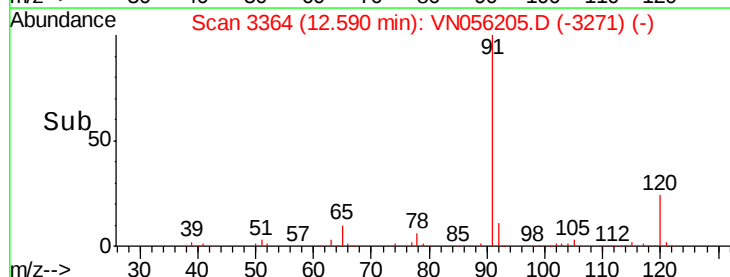
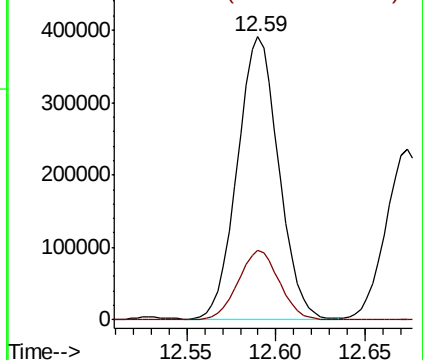
91 100

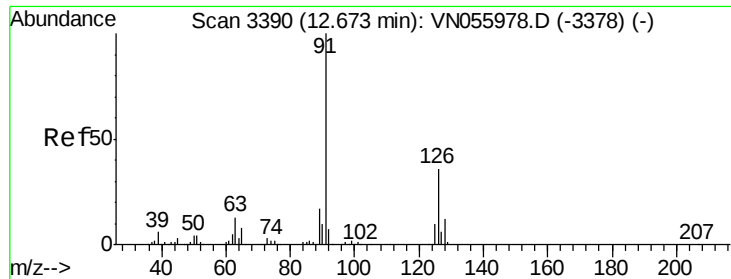
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.922 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

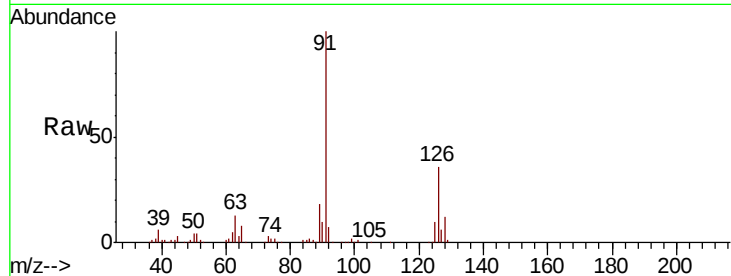
ClientSampled :

Tot Ion: 91 Resp: 390289

Ion Ratio Lower Upper

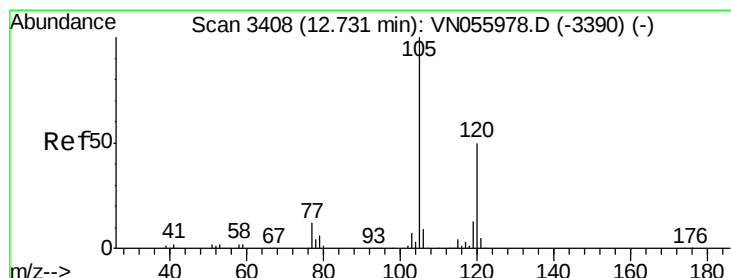
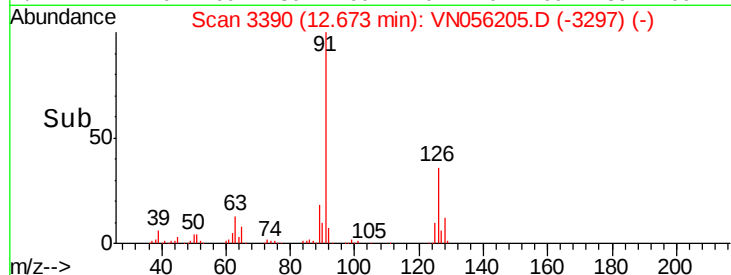
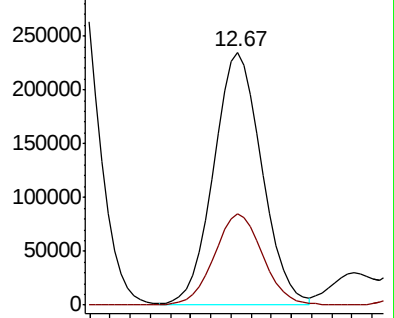
91 100

126 36.5 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.834 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056205.D

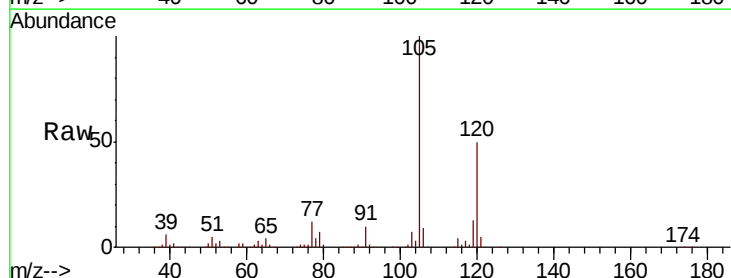
Acq: 11 Jun 2019 7:16

Tgt Ion: 105 Resp: 494502

Ion Ratio Lower Upper

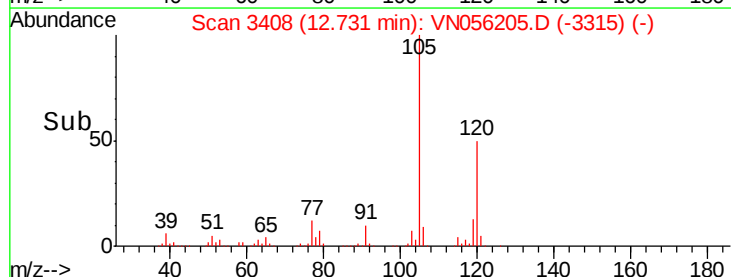
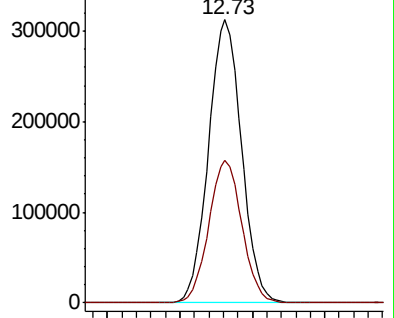
105 100

120 50.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 39.734 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

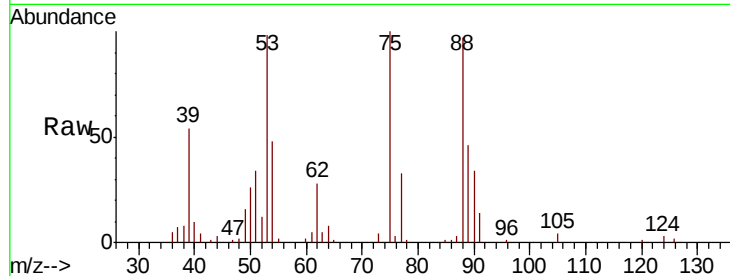
Tot Ion: 75 Resp: 35229

Ion Ratio Lower Upper

75 100

53 100.9 68.1 102.1

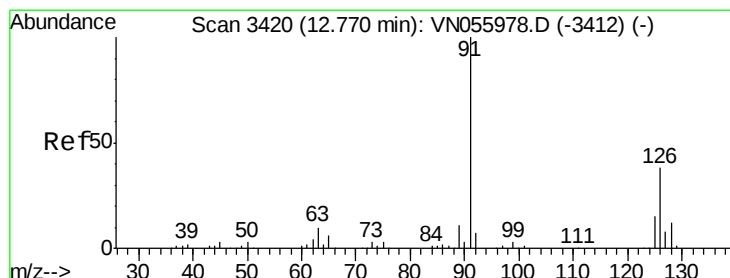
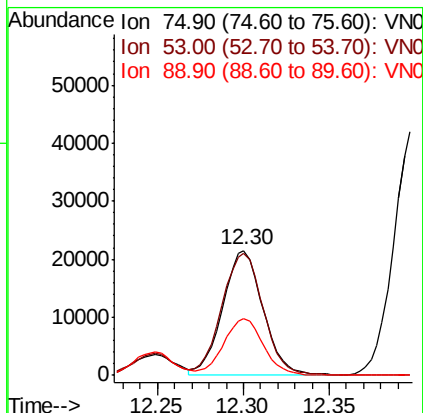
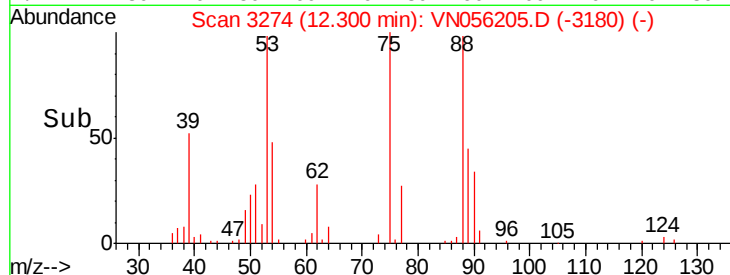
89 44.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.245 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056205.D

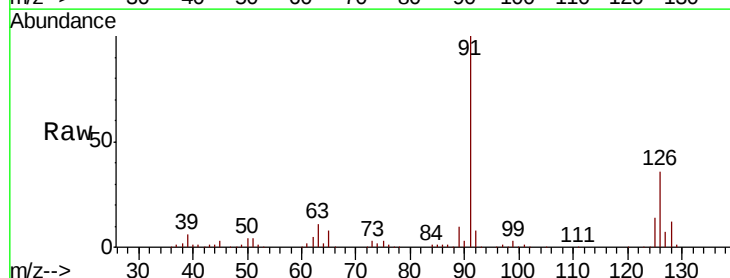
Acq: 11 Jun 2019 7:16

Tgt Ion: 91 Resp: 375226

Ion Ratio Lower Upper

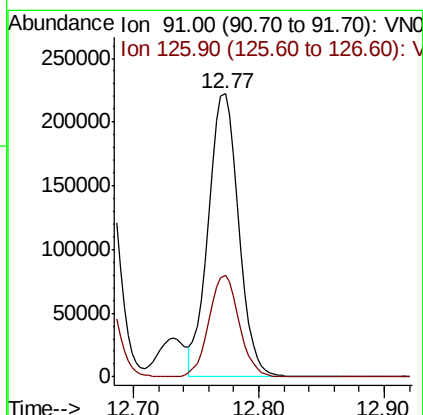
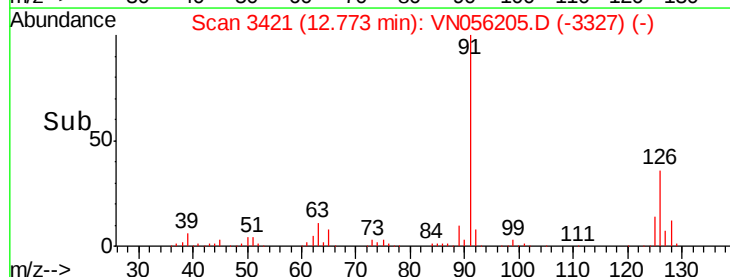
91 100

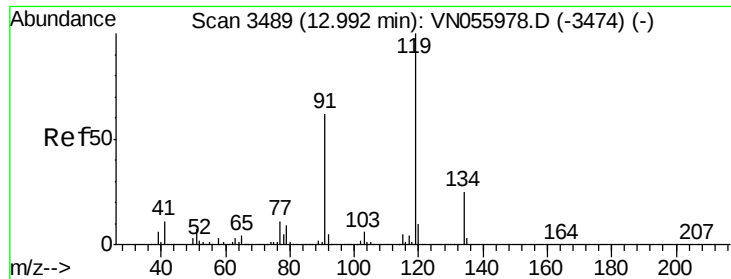
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

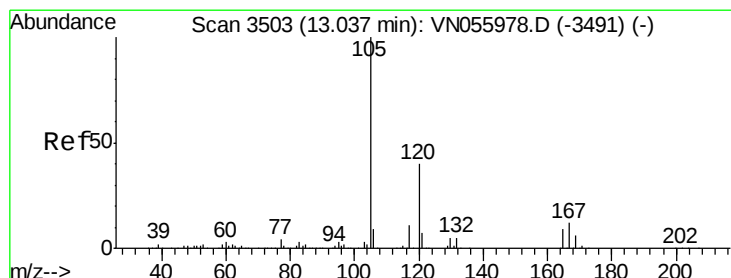
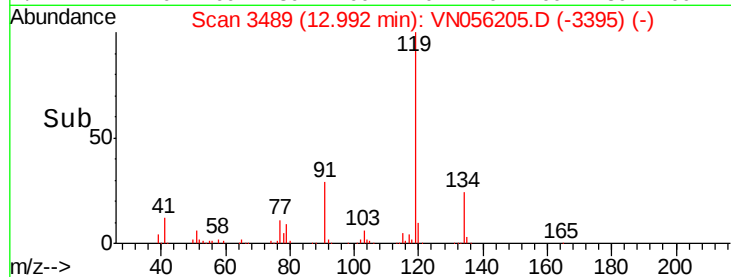
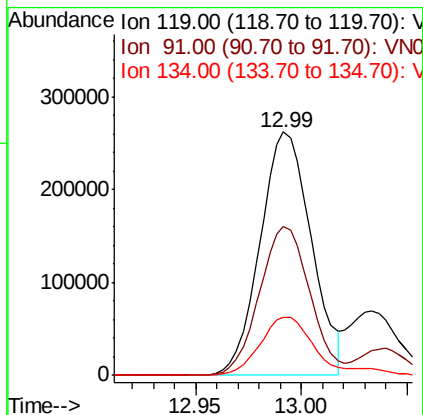
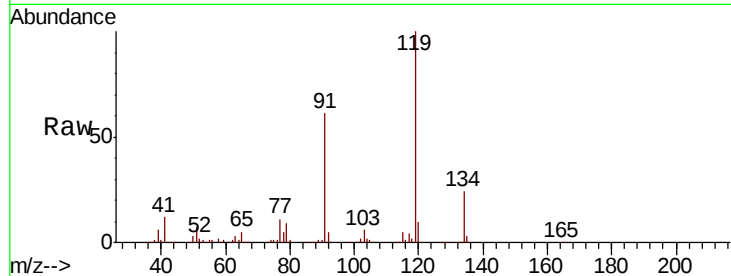




#83
tert-Butylbenzene
Concen: 53.181 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

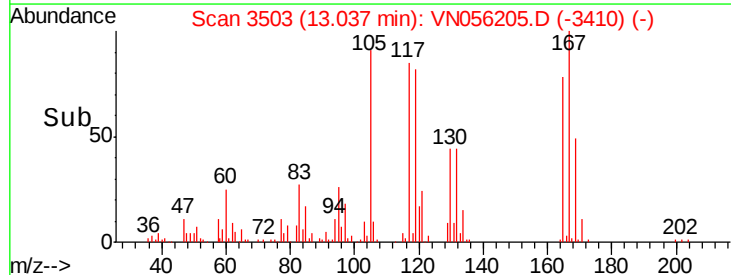
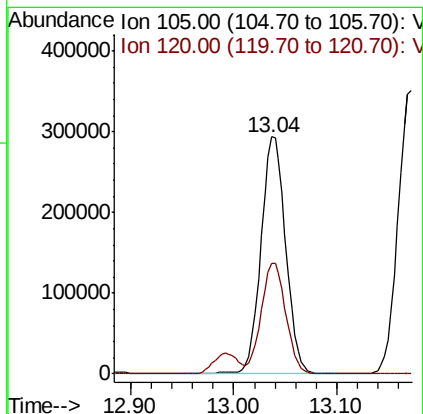
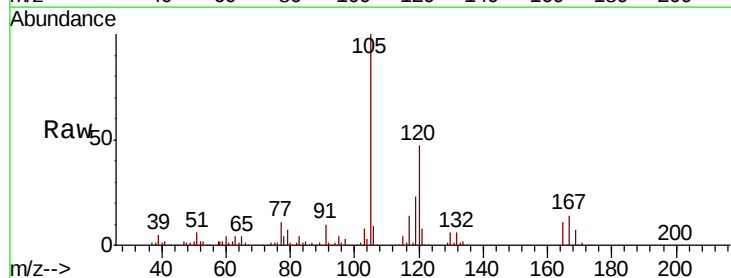
Instrument :
MSVOA_N
ClientSampleId :

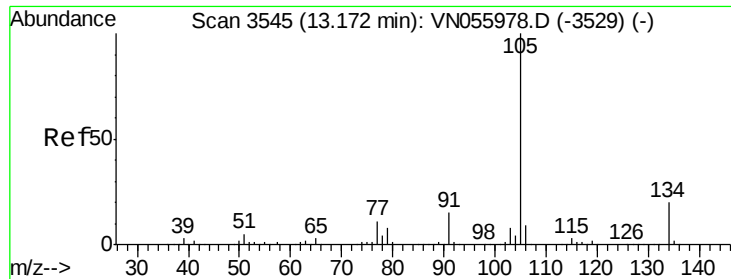
Tot Ion:119 Resp: 443737
Ion Ratio Lower Upper
119 100
91 60.1 30.9 92.8
134 24.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.424 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056205.D
Acq: 11 Jun 2019 7:16

Tgt Ion:105 Resp: 485210
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 46.251 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

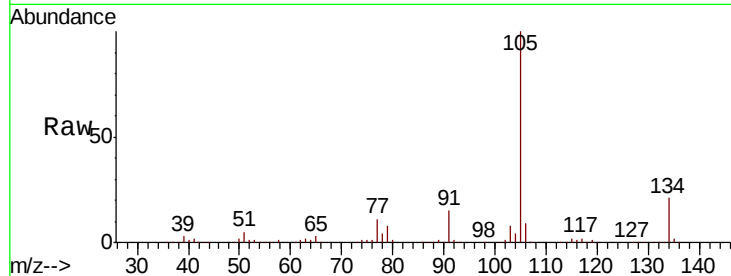
ClientSampleId :

Tot Ion:105 Resp: 556043

Ion Ratio Lower Upper

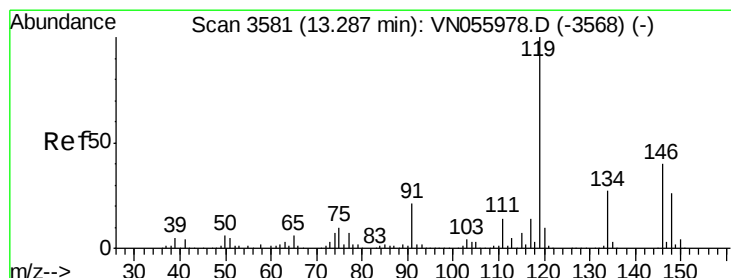
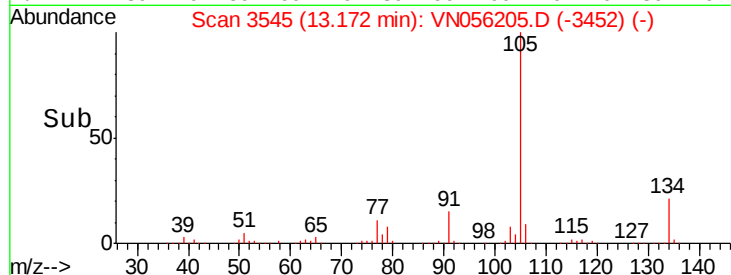
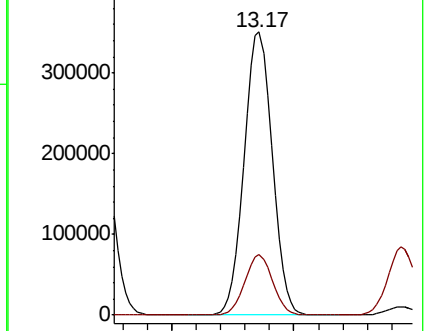
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.572 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

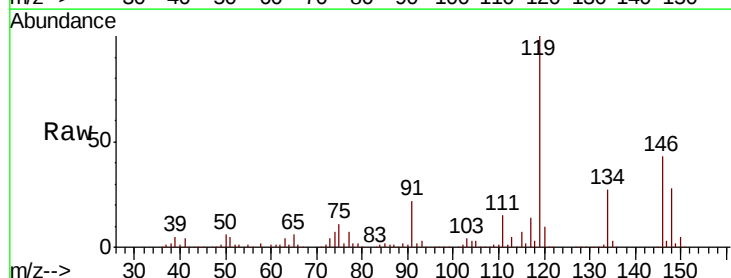
Tgt Ion:119 Resp: 490328

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

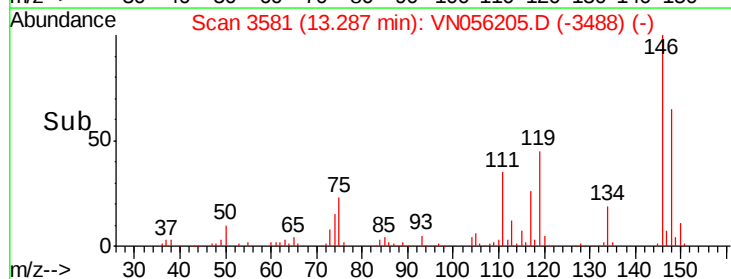
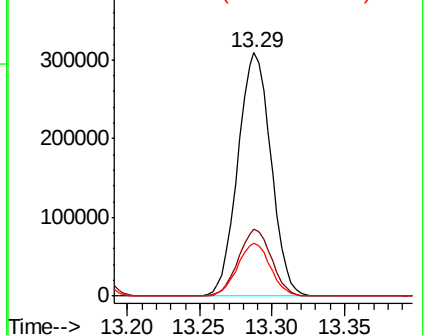
91 21.7 10.9 32.9

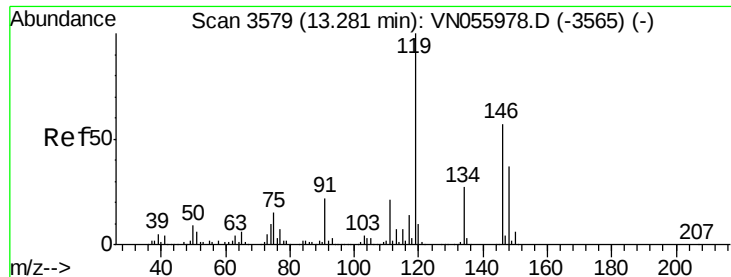


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

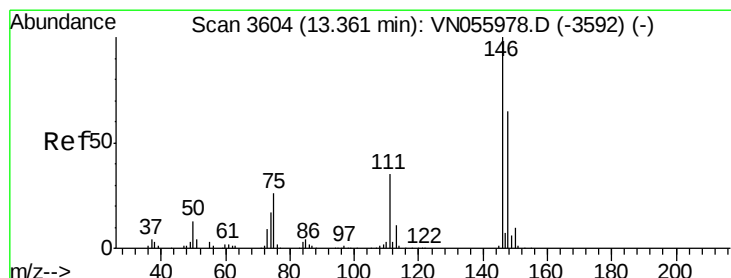
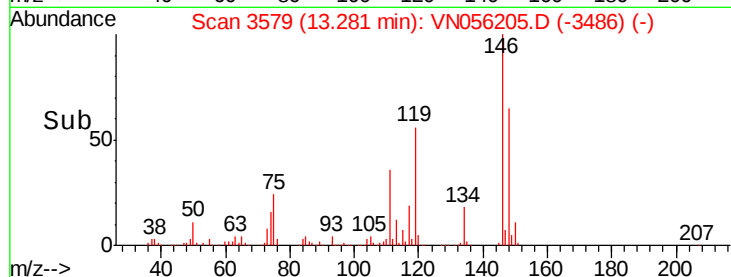
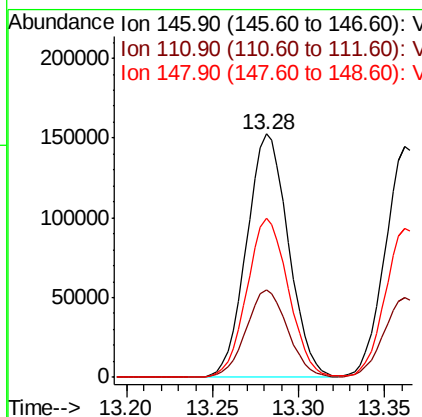
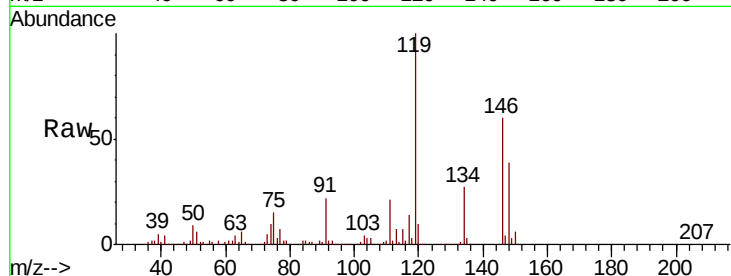




#87
 1,3-Dichlorobenzene
 Concen: 48.557 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

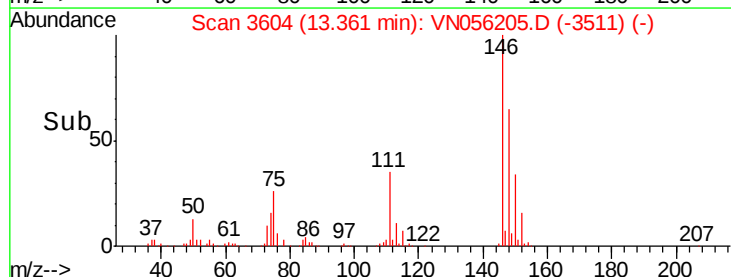
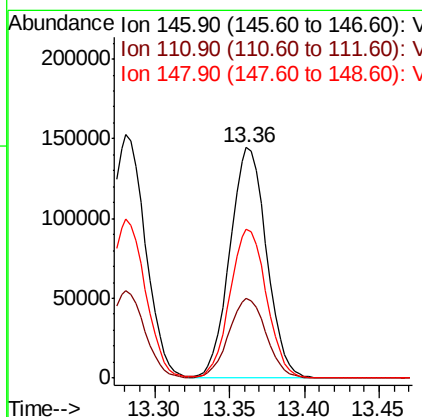
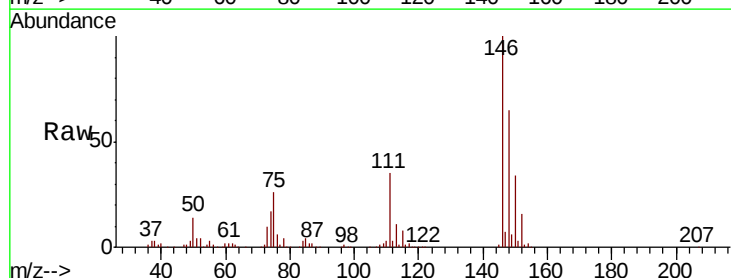
Instrument :
 MSVOA_N
 ClientSampleId :

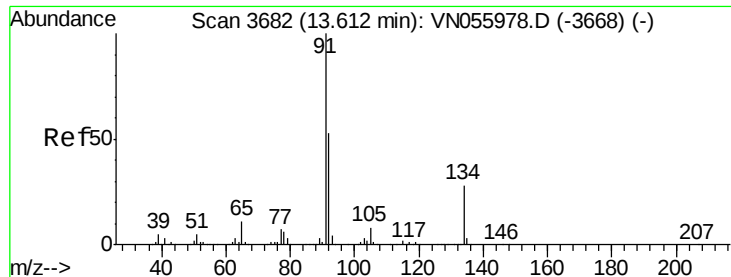
Tot Ion:146 Resp: 258188
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.5 55.5
 148 64.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.260 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion:146 Resp: 246845
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.4
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 43.648 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

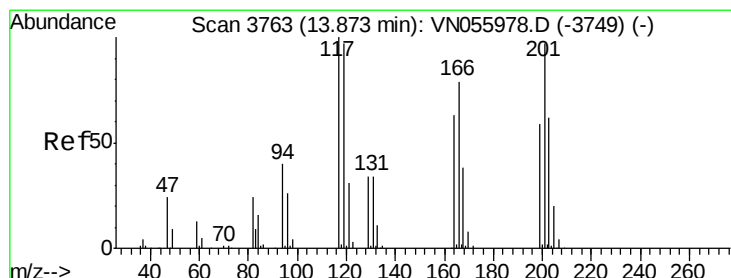
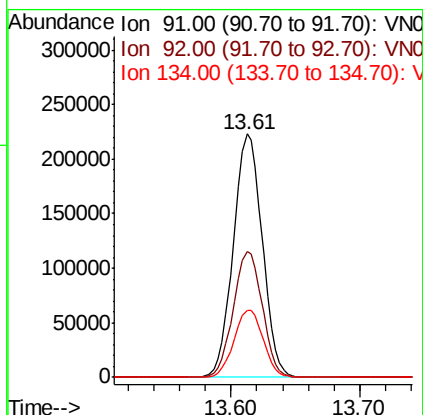
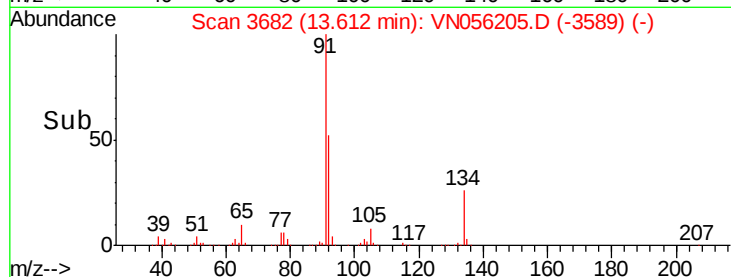
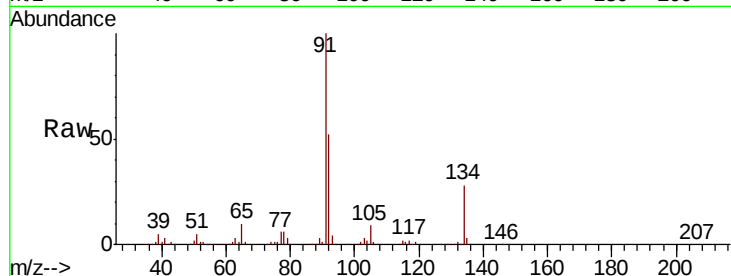
Tot Ion: 91 Resp: 347893

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 28.1 13.9 41.7



#90

Hexachloroethane

Concen: 51.362 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056205.D

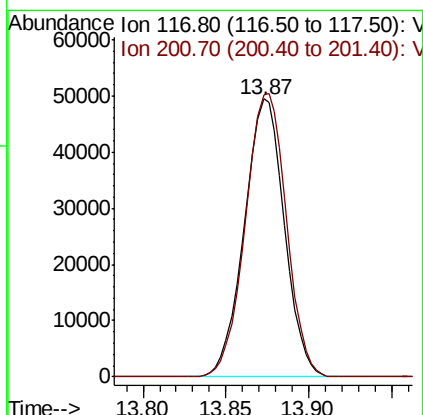
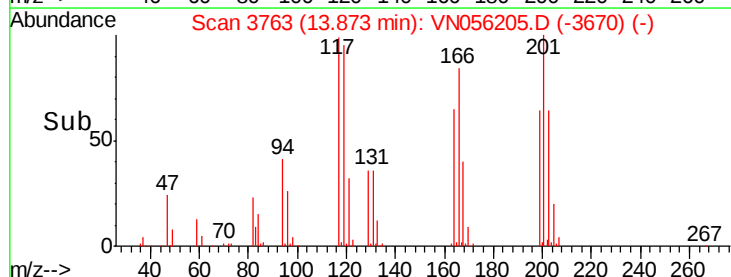
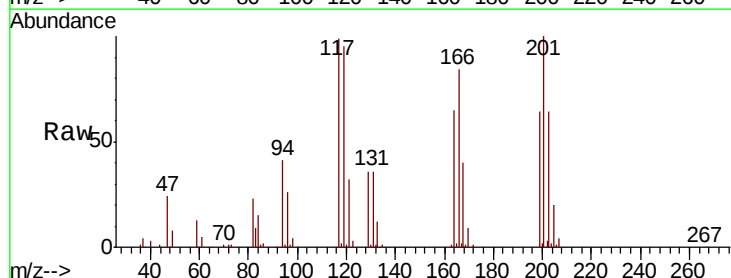
Acq: 11 Jun 2019 7:16

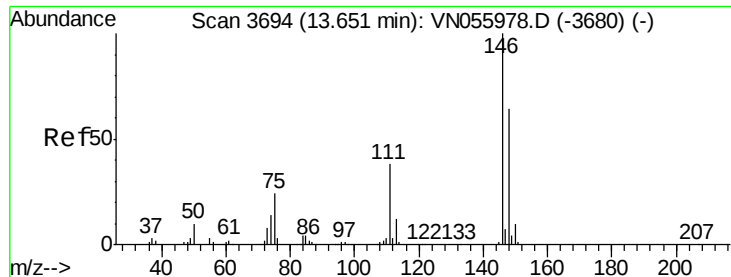
Tgt Ion: 117 Resp: 83341

Ion Ratio Lower Upper

117 100

201 104.1 50.0 150.0

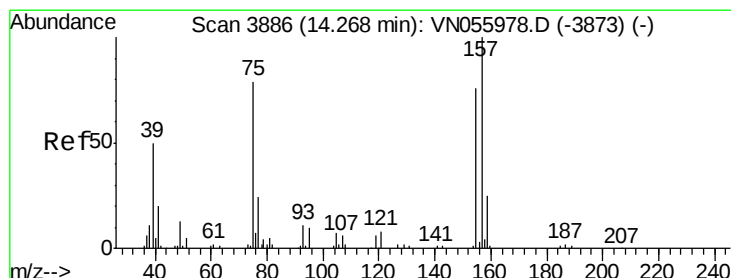
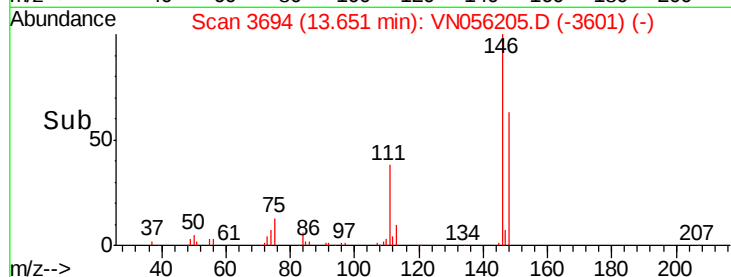
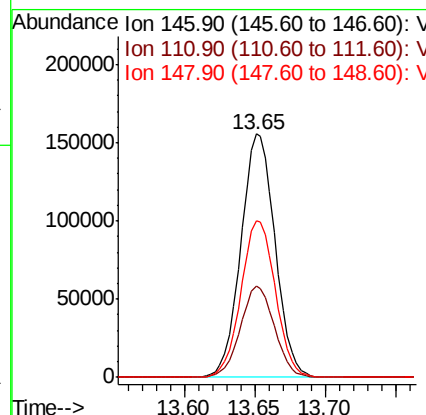
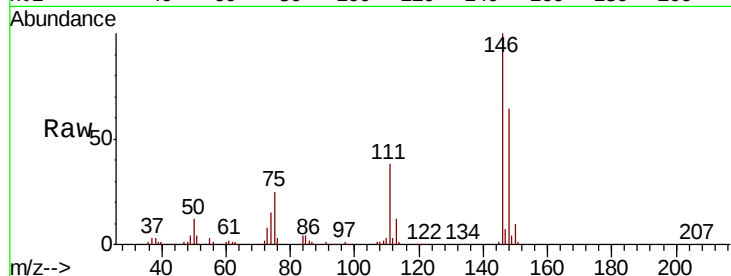




#91
 1,2-Dichlorobenzene
 Concen: 49.043 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

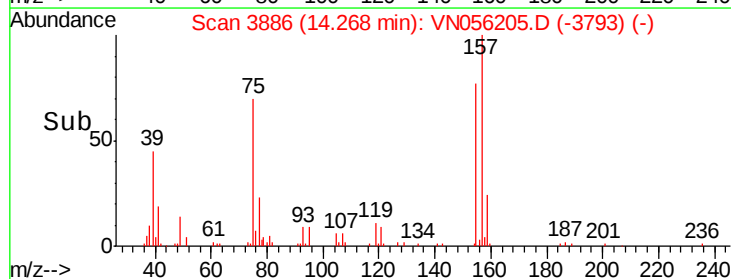
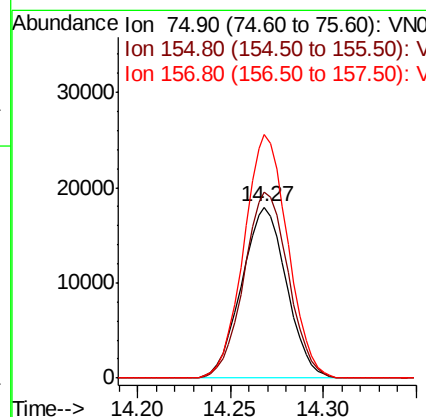
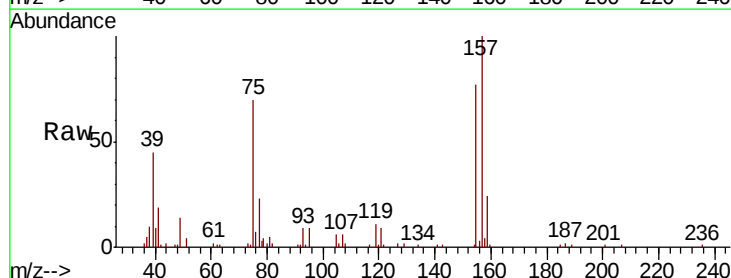
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	64.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.801 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.0	50.0	150.1
157	139.5	64.8	194.3

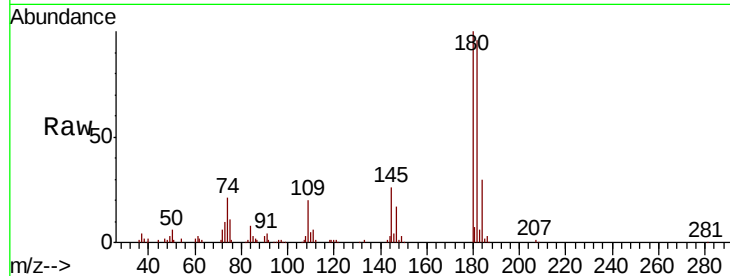




#93
 1,2,4-Trichlorobenzene
 Concen: 41.928 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	26.4	14.0	41.9

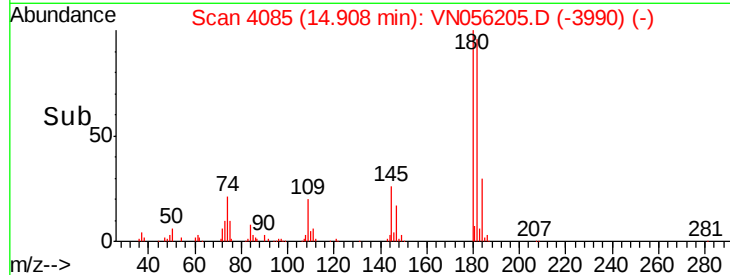
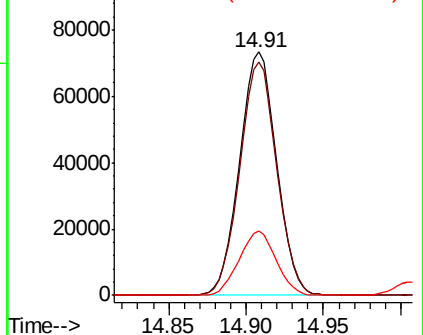


Abundance

Ion 179.80 (179.50 to 180.50): V

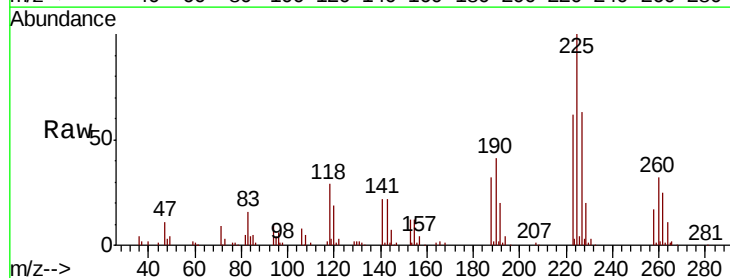
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.619 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056205.D
 Acq: 11 Jun 2019 7:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.9	92.7
227	64.3	31.6	94.7

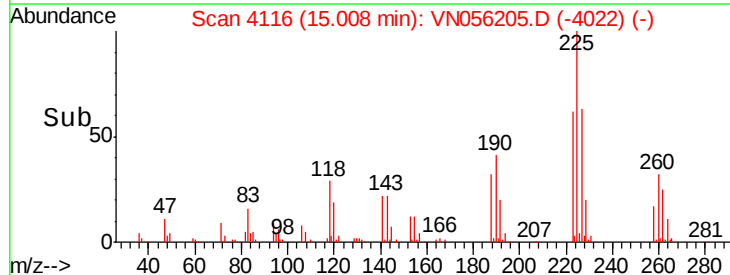
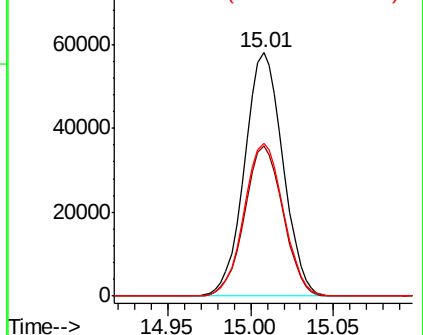


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.436 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

Instrument :

MSVOA_N

ClientSampleId :

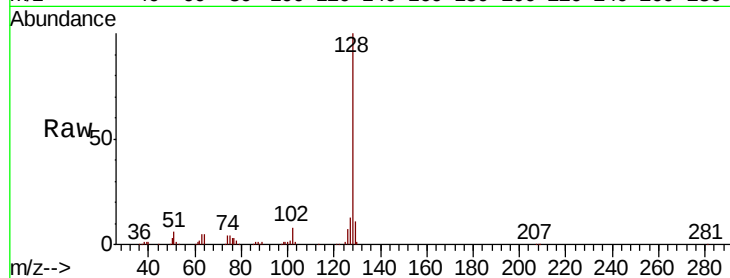
Tot Ion:128 Resp: 329174

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

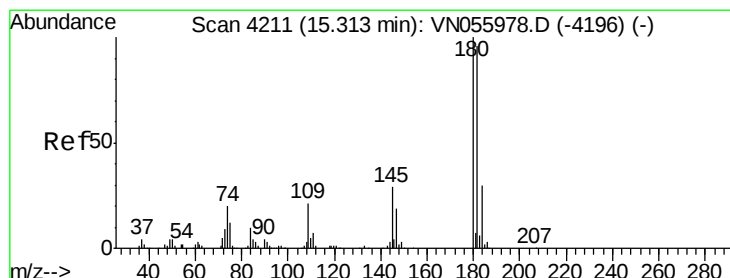
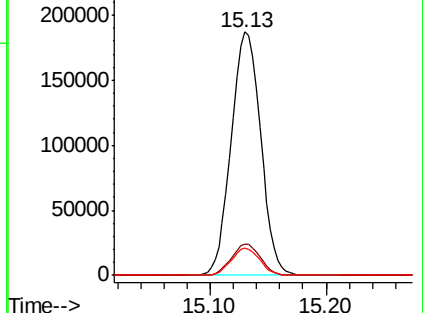
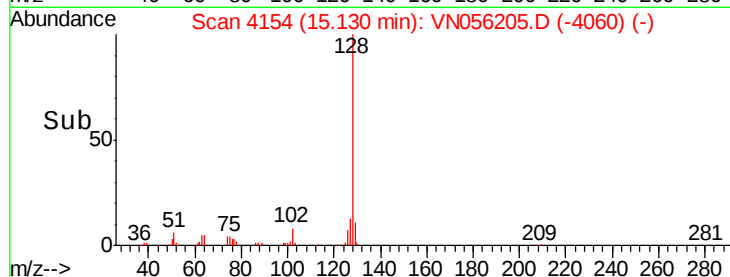
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.276 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056205.D

Acq: 11 Jun 2019 7:16

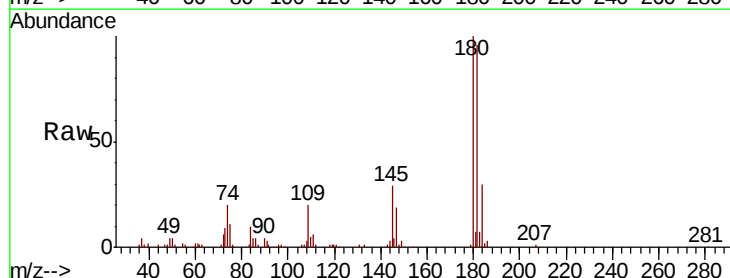
Tgt Ion:180 Resp: 138792

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 29.0 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

