

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056150.D
 Acq On : 8 Jun 2019 13:42
 Operator : JC/SP
 Sample : K3225-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 01:25:42 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	276678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	415213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	375588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	154288	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
35) Dibromofluoromethane	7.59	113	139725	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.09	98	524745	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.40	95	180805	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	148589	48.893	ug/l	100
3) Chloromethane	2.06	50	166487	55.510	ug/l	98
4) Vinyl Chloride	2.18	62	160879	53.475	ug/l	100
5) Bromomethane	2.53	94	91875	48.344	ug/l	99
6) Chloroethane	2.68	64	92324	52.929	ug/l	100
7) Trichlorofluoromethane	3.00	101	193313	50.333	ug/l	100
8) Diethyl Ether	3.40	74	79790	50.519	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	116479	49.926	ug/l	99
10) Methyl Iodide	3.94	142	177303	47.823	ug/l	99
11) Tert butyl alcohol	4.82	59	111786	233.828	ug/l	99
12) 1,1-Dichloroethene	3.72	96	120687	51.960	ug/l	98
13) Acrolein	3.60	56	32636	236.701	ug/l	98
14) Allyl chloride	4.31	41	175675	47.899	ug/l	97
15) Acrylonitrile	4.99	53	342933	294.678	ug/l	99
16) Acetone	3.82	43	277542	211.237	ug/l	100
17) Carbon Disulfide	4.04	76	259519	46.665	ug/l	99
18) Methyl Acetate	4.33	43	115703	44.771	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	393406	53.137	ug/l	100
20) Methylene Chloride	4.54	84	144882	53.523	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	131328	52.771	ug/l	96
22) Diisopropyl ether	5.95	45	408556	53.888	ug/l	97
23) Vinyl Acetate	5.90	43	1057437	177.112	ug/l	99
24) 1,1-Dichloroethane	5.84	63	235792	53.916	ug/l	99
25) 2-Butanone	6.84	43	435066	262.079	ug/l	100
26) 2,2-Dichloropropane	6.82	77	68797	20.160	ug/l	88
27) cis-1,2-Dichloroethene	6.83	96	158689	54.246	ug/l	92
28) Bromochloromethane	7.19	49	115615	55.903	ug/l	99
29) Tetrahydrofuran	7.22	42	294261	286.763	ug/l	100
30) Chloroform	7.37	83	238321	54.171	ug/l	99
31) Cyclohexane	7.65	56	208198	47.761	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	191972	52.255	ug/l	99
36) 1,1-Dichloropropene	7.79	75	171278	47.974	ug/l	99
37) Ethyl Acetate	6.93	43	130471	41.072	ug/l	98
38) Carbon Tetrachloride	7.77	117	161398	49.034	ug/l	98

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 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)
39) Methylcyclohexane	9.08	83	198040	44.528	ug/l	98
40) Benzene	8.04	78	558404	51.496	ug/l	99
41) Methacrylonitrile	7.17	41	85004	58.160	ug/l	97
42) 1,2-Dichloroethane	8.12	62	177698	50.945	ug/l	99
43) Isopropyl Acetate	8.17	43	216558	42.069	ug/l #	93
44) Trichloroethene	8.83	130	157990	50.704	ug/l	98
45) 1,2-Dichloropropane	9.12	63	147808	53.216	ug/l	99
46) Dibromomethane	9.21	93	95117	52.369	ug/l	98
47) Bromodichloromethane	9.40	83	169170	51.390	ug/l	99
48) Methyl methacrylate	9.20	41	137719	54.685	ug/l	96
49) 1,4-Dioxane	9.20	88	55516	1021.096	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	891169	276.838	ug/l	100
52) Toluene	10.15	92	352589	52.254	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	154900	40.608	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	183200	46.299	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	143355	53.634	ug/l	99
56) Ethyl methacrylate	10.43	69	212854	54.587	ug/l	99
57) 1,3-Dichloropropane	10.71	76	231500	53.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.73	63	536	15.201	ug/l #	46
59) 2-Hexanone	10.75	43	620881	266.115	ug/l	100
60) Dibromochloromethane	10.90	129	138323	47.074	ug/l	99
61) 1,2-Dibromoethane	11.00	107	147261	53.894	ug/l	99
64) Tetrachloroethene	10.63	164	147990	45.519	ug/l	97
65) Chlorobenzene	11.43	112	378145	50.588	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	134135	51.970	ug/l	100
67) Ethyl Benzene	11.51	91	647479	49.815	ug/l	99
68) m/p-Xylenes	11.62	106	501824	101.067	ug/l	98
69) o-Xylene	11.95	106	248499	50.879	ug/l	98
70) Styrene	11.96	104	411510	53.028	ug/l	99
71) Bromoform	12.13	173	98812	45.842	ug/l #	100
73) Isopropylbenzene	12.25	105	645674	53.858	ug/l	100
74) N-amyl acetate	12.07	43	153413	34.100	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	200625	51.207	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	215601	69.426	ug/l #	100
77) Bromobenzene	12.53	156	176408	48.821	ug/l	95
78) n-propylbenzene	12.59	91	683096	47.843	ug/l	99
79) 2-Chlorotoluene	12.67	91	424613	53.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	525115	46.276	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	33299	35.709	ug/l #	87
82) 4-Chlorotoluene	12.77	91	405718	48.570	ug/l	99
83) tert-Butylbenzene	12.99	119	472534	53.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	521392	48.452	ug/l	99
85) sec-Butylbenzene	13.17	105	596871	47.204	ug/l	100
86) p-Isopropyltoluene	13.29	119	533870	47.177	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	280061	50.078	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	267042	49.639	ug/l	99
89) n-Butylbenzene	13.61	91	388090	46.295	ug/l	100
90) Hexachloroethane	13.87	117	81185	47.571	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	279135	49.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29370	52.411	ug/l	97

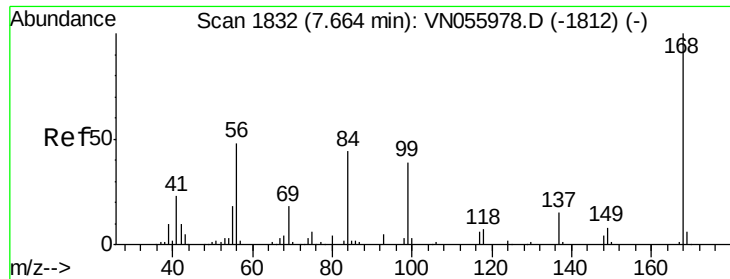
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126645	41.497	ug/l	99
94) Hexachlorobutadiene	15.01	225	94942	48.985	ug/l	99
95) Naphthalene	15.13	128	342071	42.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142382	45.212	ug/l	99

(#) = 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: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

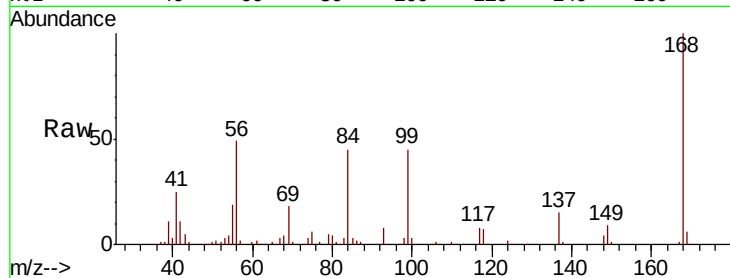
ClientSampleId :

Tot Ion:168 Resp: 276678

Ion Ratio Lower Upper

168 100

99 44.6 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

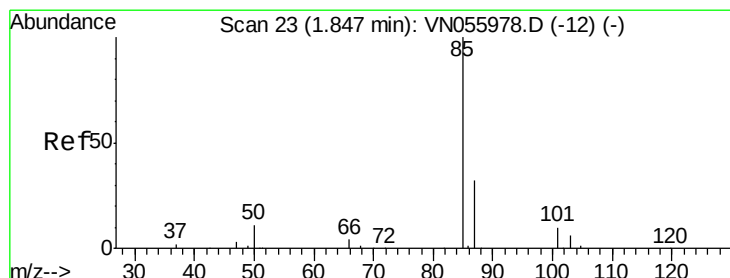
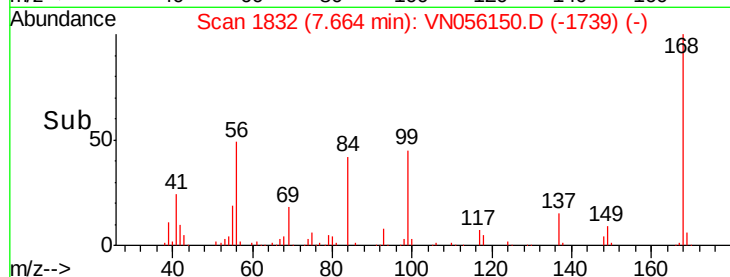
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 48.893 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056150.D

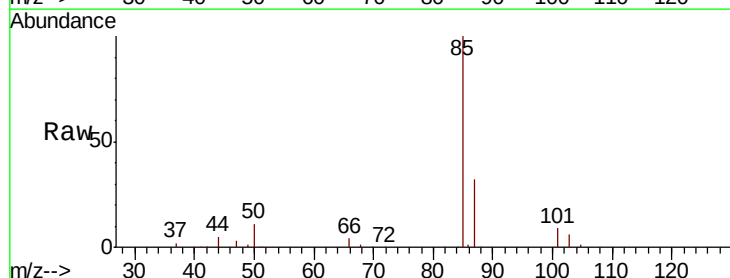
Acq: 8 Jun 2019 13:42

Tgt Ion: 85 Resp: 148589

Ion Ratio Lower Upper

85 100

87 32.3 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

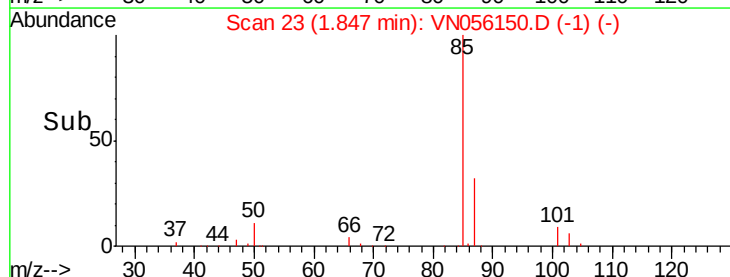
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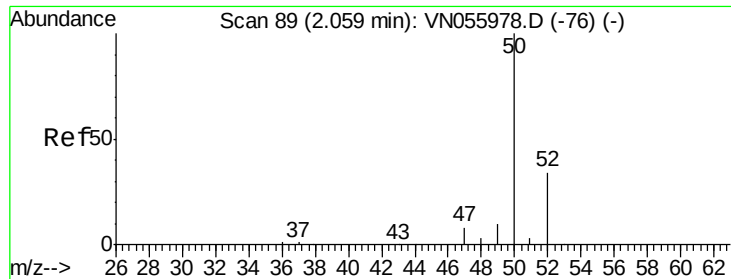
40000

20000

0

Time--> 1.80 1.90





#3

Chloromethane

Concen: 55.510 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

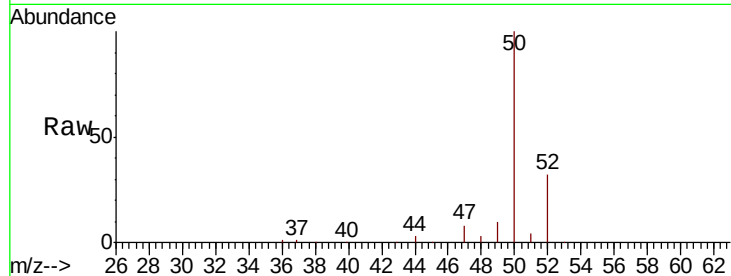
ClientSampleId :

Tot Ion: 50 Resp: 166487

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

120000

100000

80000

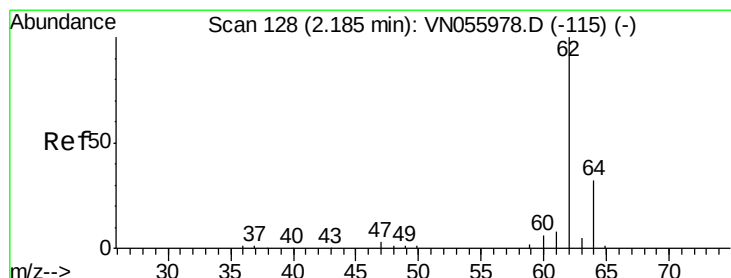
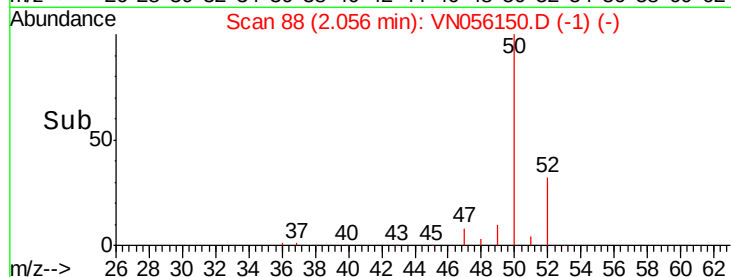
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 53.475 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056150.D

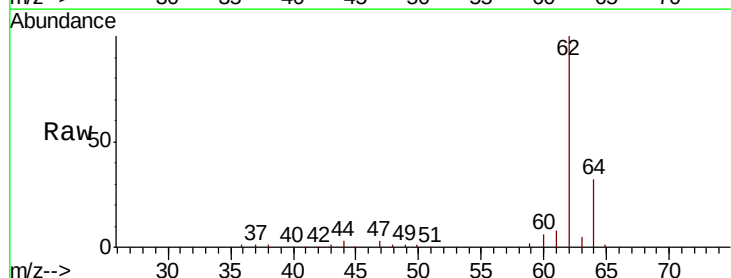
Acq: 8 Jun 2019 13:42

Tgt Ion: 62 Resp: 160879

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

120000

100000

80000

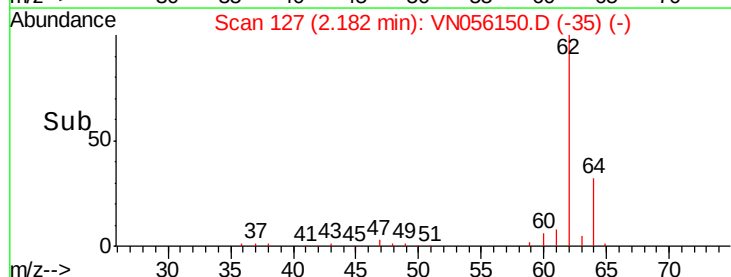
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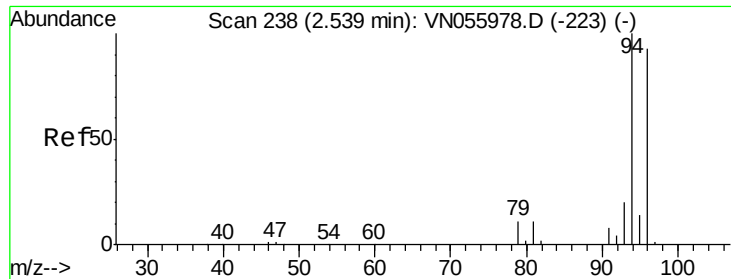
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20000

0

Time-->

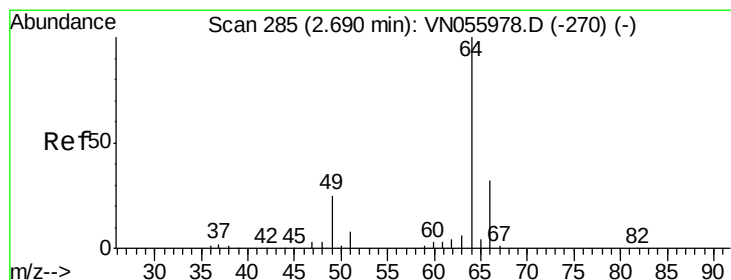
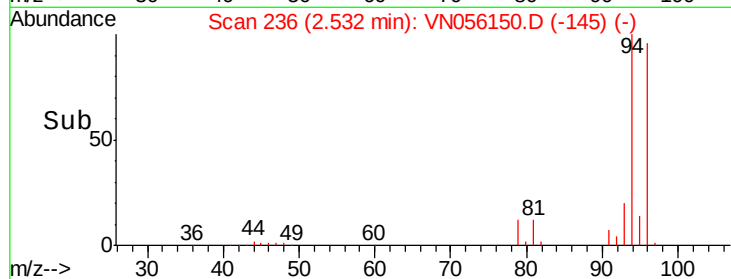
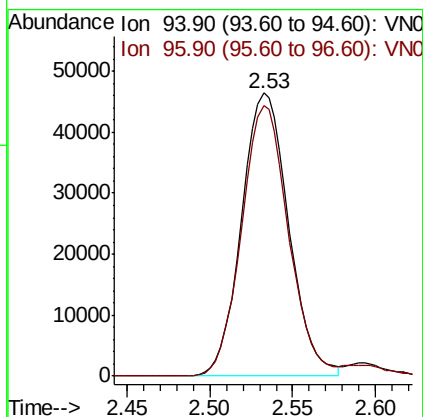
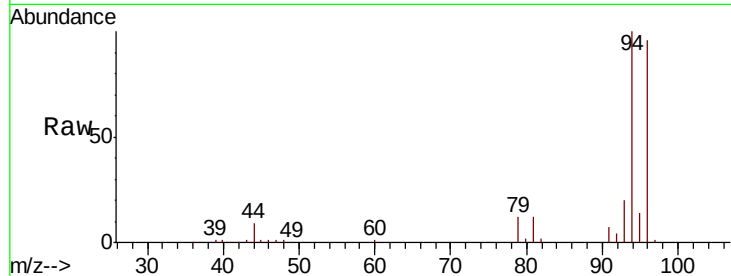




#5
Bromomethane
Concen: 48.344 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.01 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

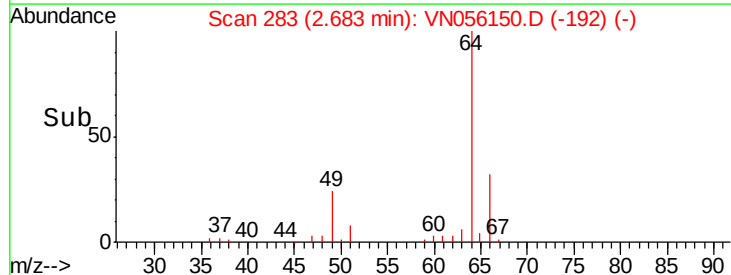
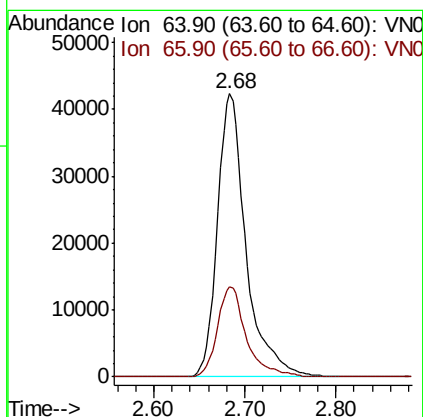
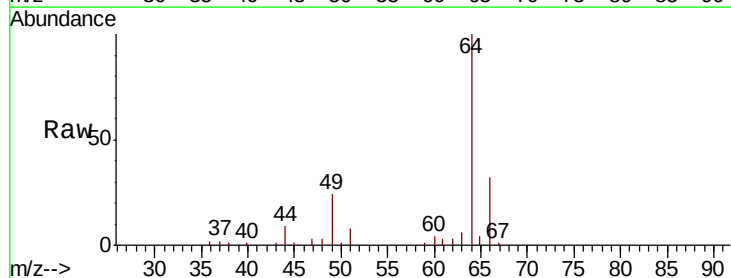
Instrument :
MSVOA_N
ClientSampled :

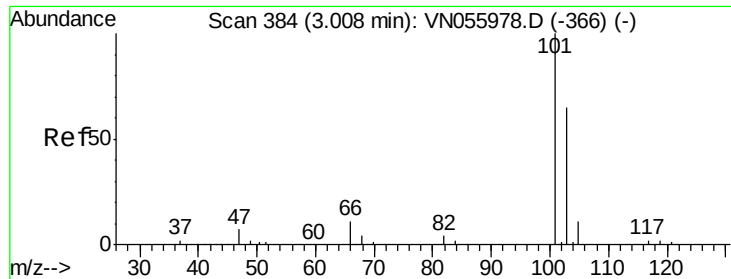
Tot Ion: 94 Resp: 91875
Ion Ratio Lower Upper
94 100
96 95.7 75.5 113.3



#6
Chloroethane
Concen: 52.929 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 64 Resp: 92324
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0



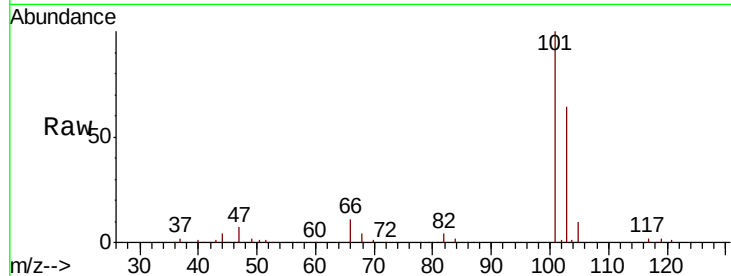


#7

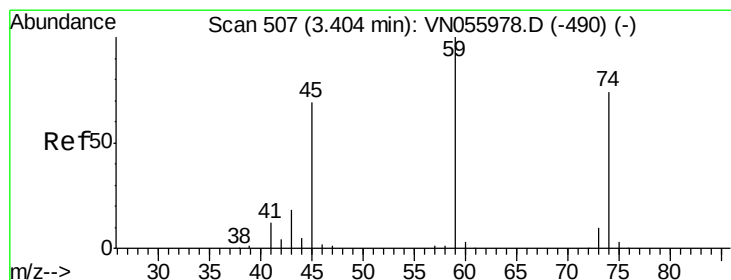
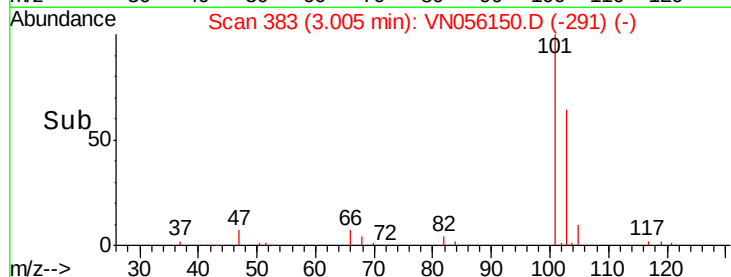
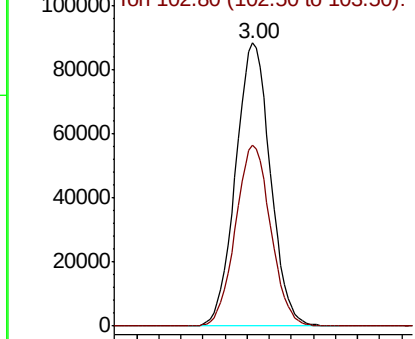
Trichlorofluoromethane
Concen: 50.333 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 193313
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8



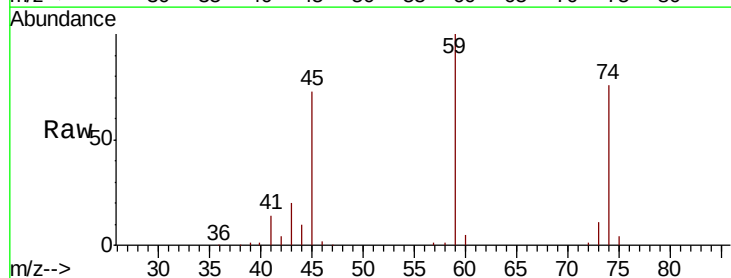
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



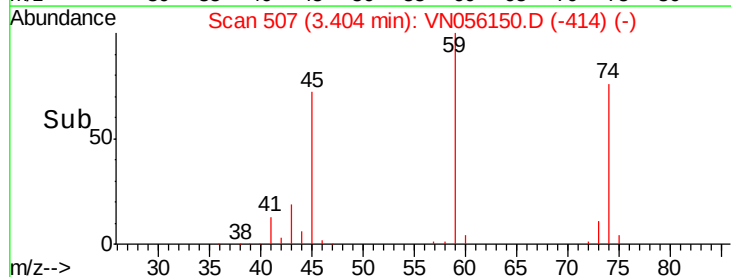
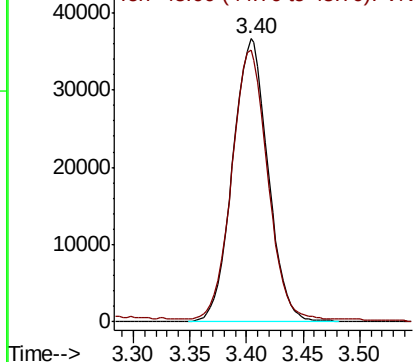
#8

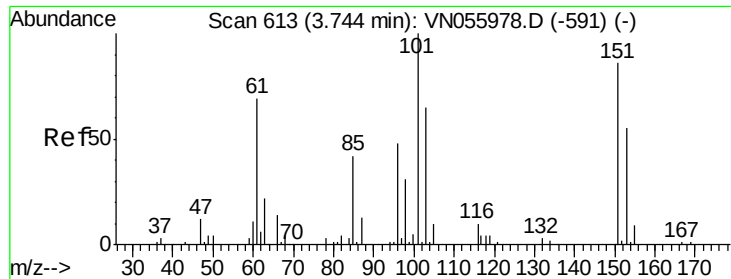
Diethyl Ether
Concen: 50.519 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 74 Resp: 79790
Ion Ratio Lower Upper
74 100
45 94.7 48.6 145.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.926 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

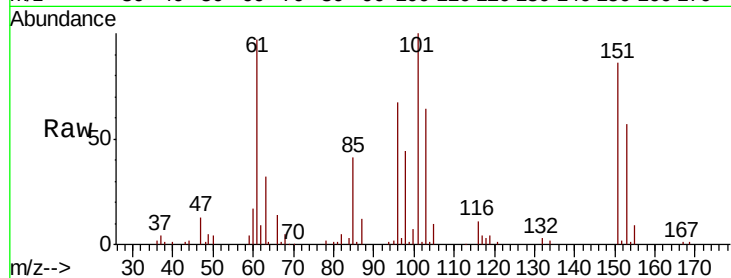
Tot Ion:101 Resp: 116479

Ion Ratio Lower Upper

101 100

85 40.6 33.4 50.2

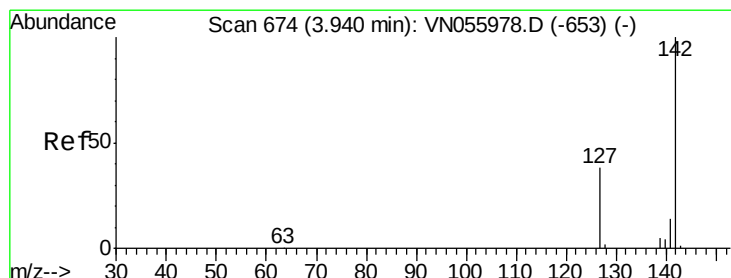
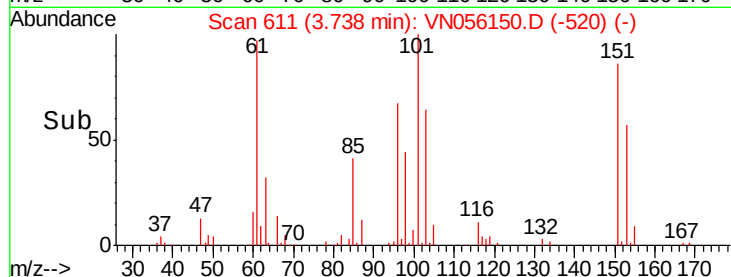
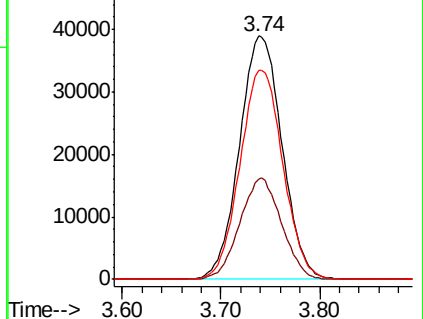
151 86.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.823 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

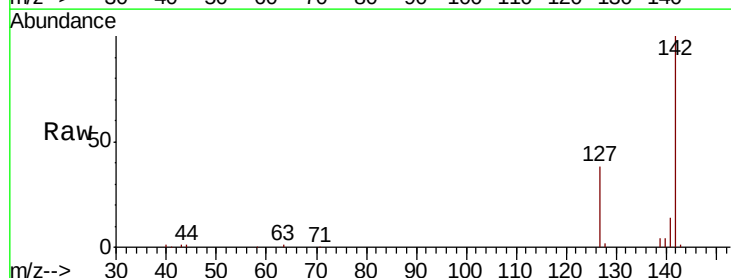
Tgt Ion:142 Resp: 177303

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

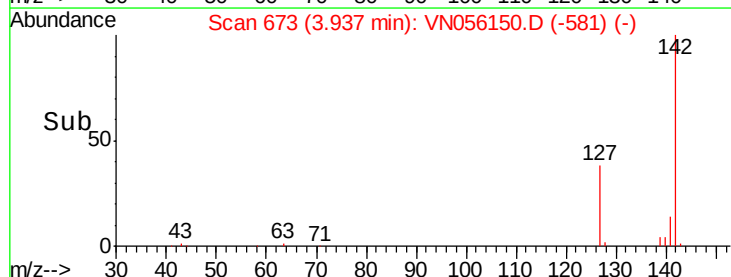
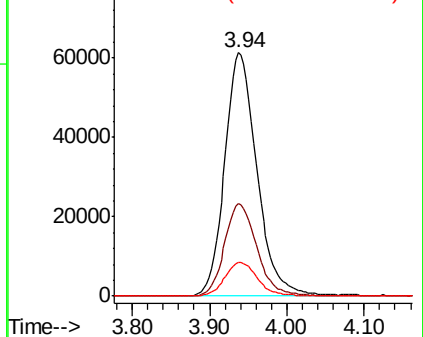
141 14.0 11.4 17.0

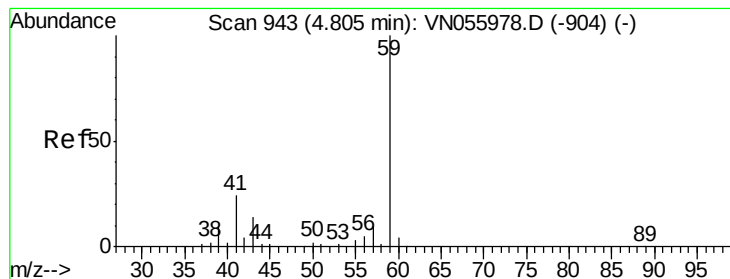


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



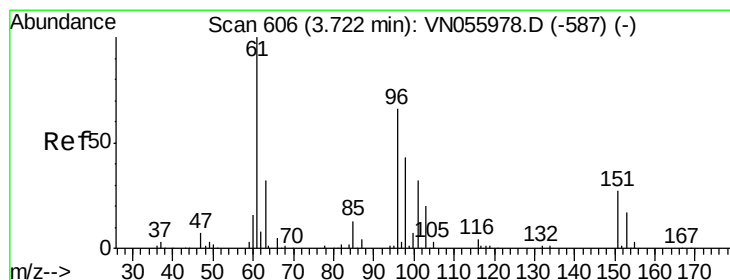
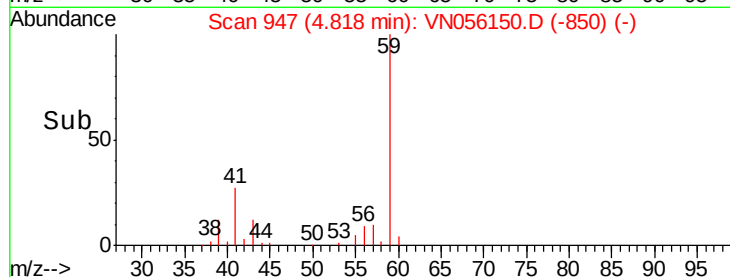
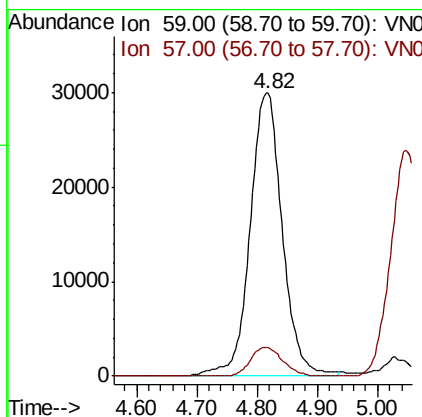
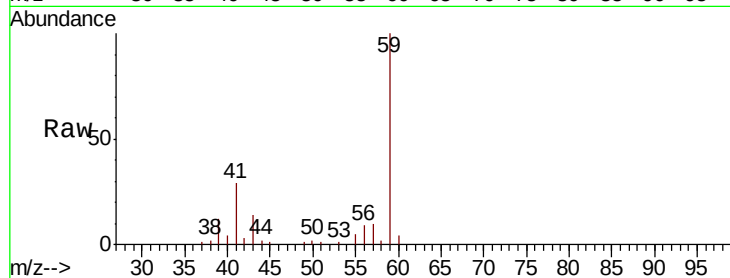


#11

Tert butyl alcohol
 Concen: 233.828 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :

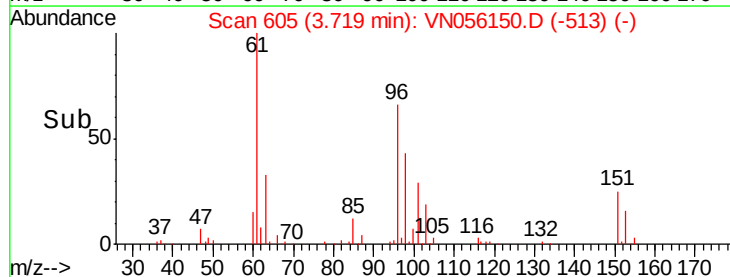
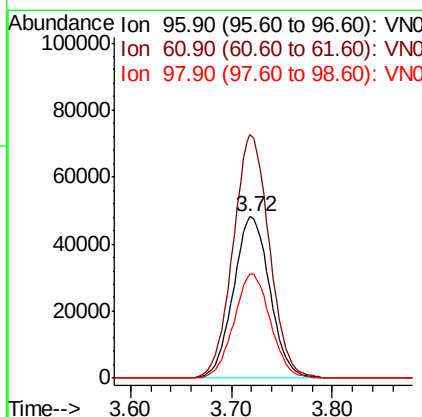
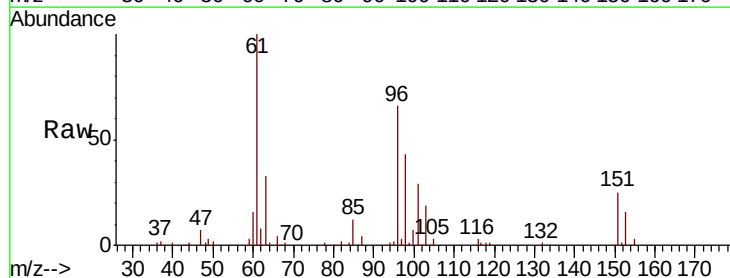
Tot Ion: 59 Resp: 111786
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

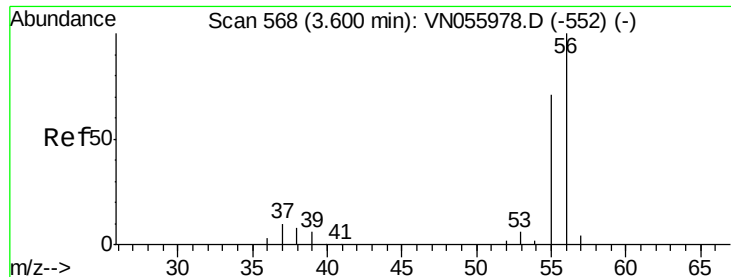


#12

1,1-Dichloroethene
 Concen: 51.960 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion: 96 Resp: 120687
 Ion Ratio Lower Upper
 96 100
 61 151.0 123.2 184.8
 98 64.5 50.4 75.6





#13

Acrolein

Concen: 236.701 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

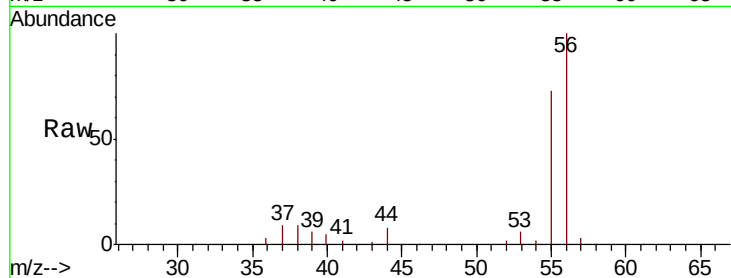
ClientSampled :

Tot Ion: 56 Resp: 32636

Ion Ratio Lower Upper

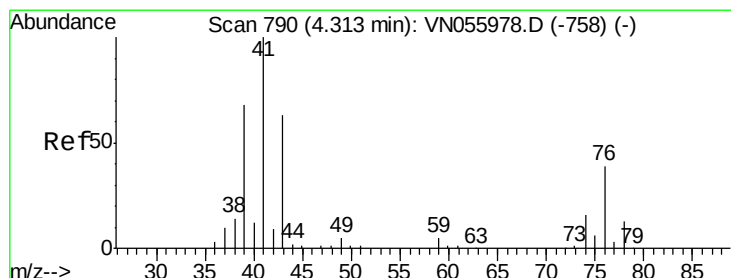
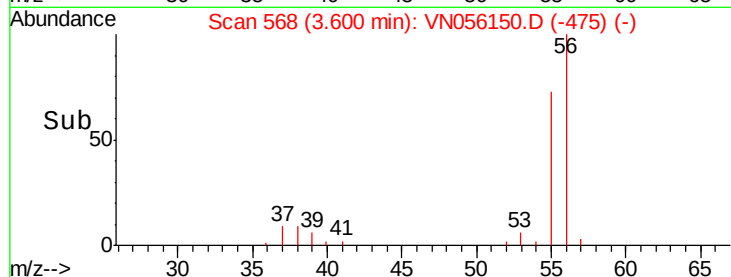
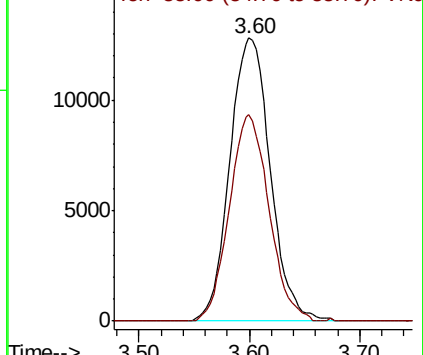
56 100

55 71.1 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: 47.899 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

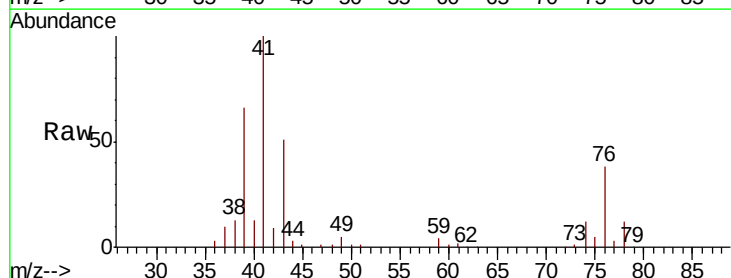
Tgt Ion: 41 Resp: 175675

Ion Ratio Lower Upper

41 100

39 60.4 50.0 75.0

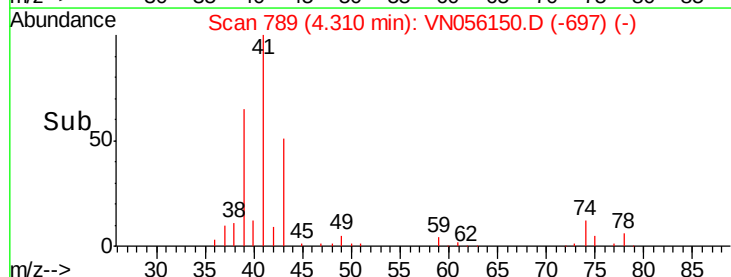
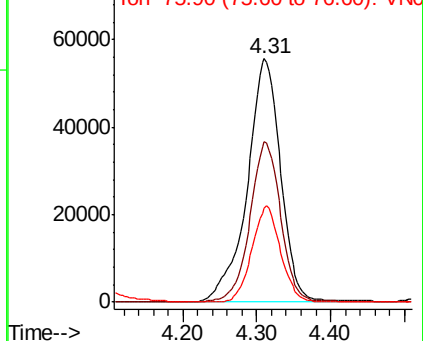
76 33.8 28.2 42.2

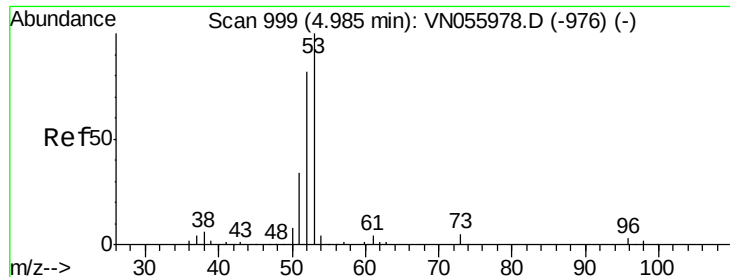


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 294.678 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

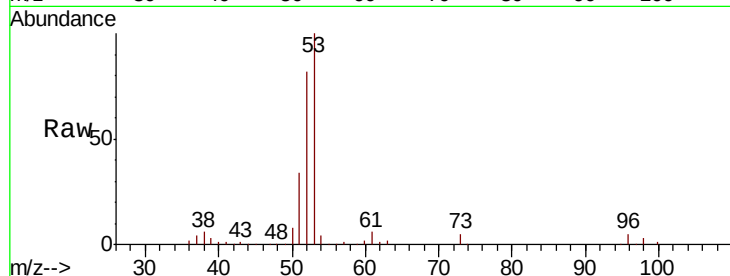
Tot Ion: 53 Resp: 342933

Ion Ratio Lower Upper

53 100

52 81.1 65.8 98.8

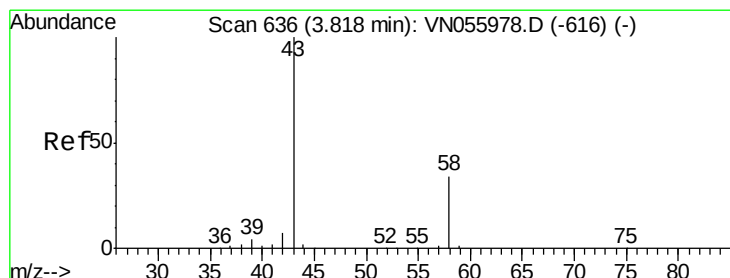
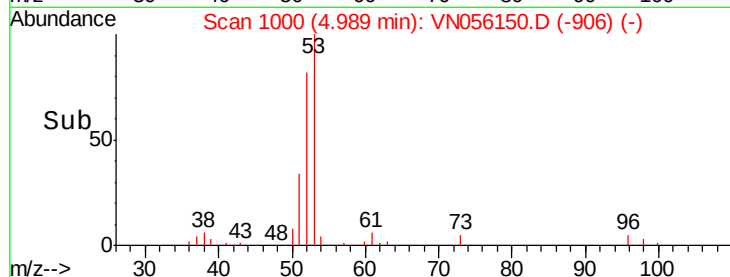
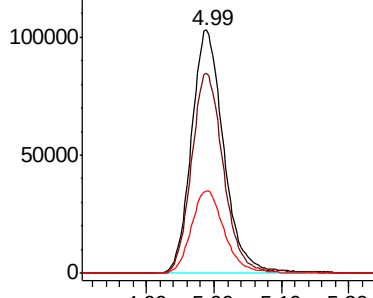
51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN056150.D (-999) (-)

Ion 52.00 (51.70 to 52.70): VN056150.D (-999) (-)

Ion 51.00 (50.70 to 51.70): VN056150.D (-999) (-)



#16

Acetone

Concen: 211.237 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056150.D

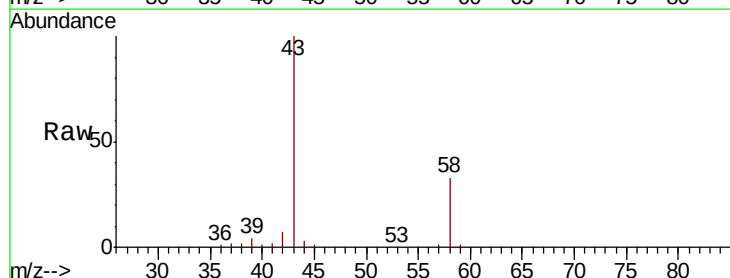
Acq: 8 Jun 2019 13:42

Tgt Ion: 43 Resp: 277542

Ion Ratio Lower Upper

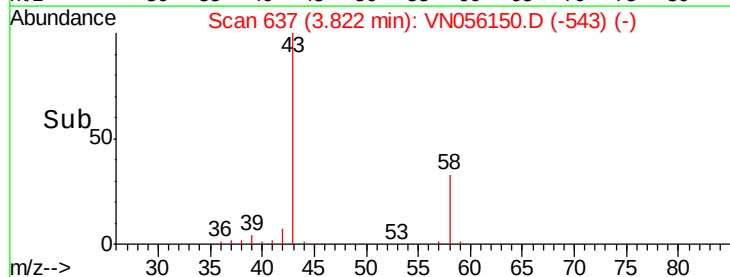
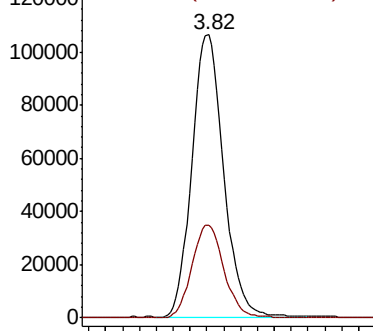
43 100

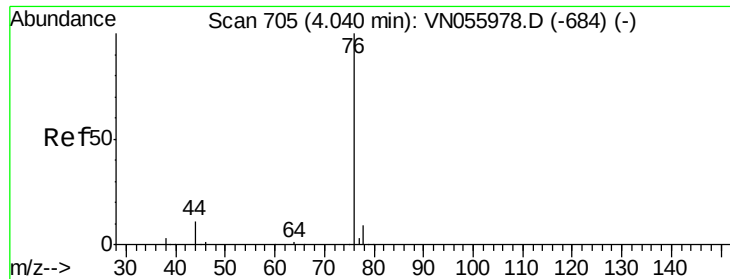
58 33.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN056150.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056150.D (-543) (-)

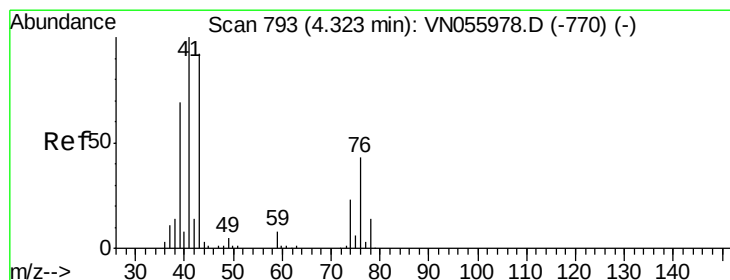
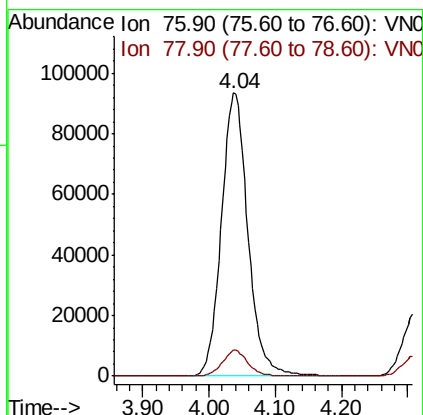
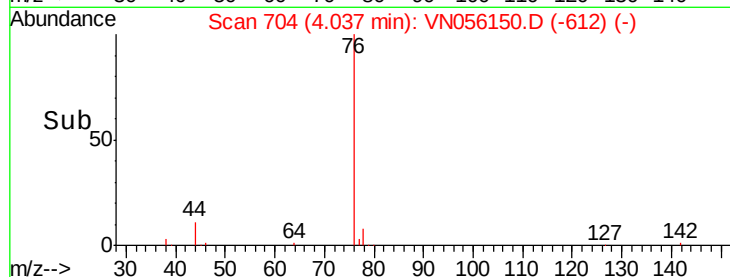
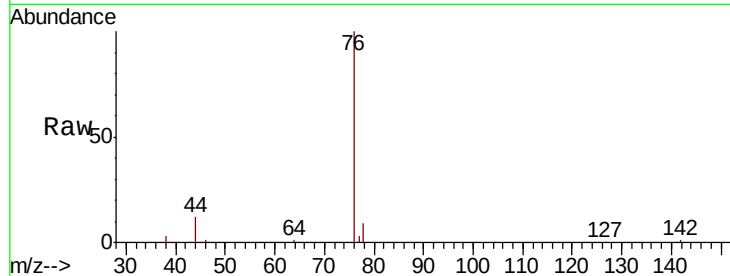




#17
Carbon Disulfide
Concen: 46.665 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

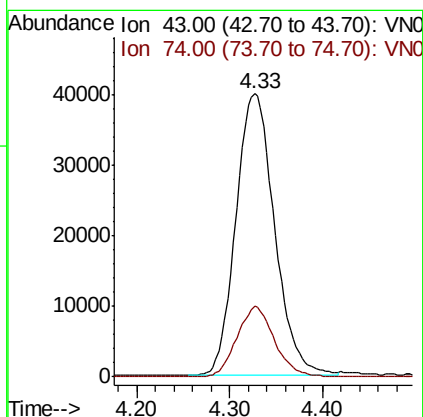
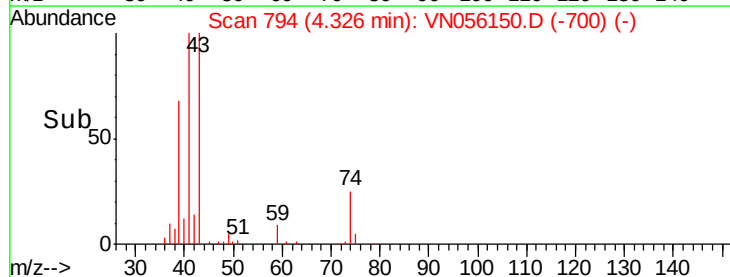
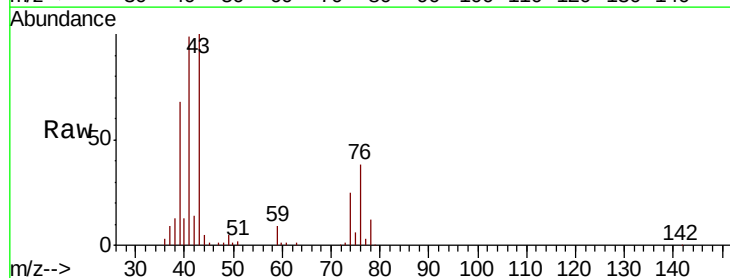
Instrument :
MSVOA_N
ClientSampled :

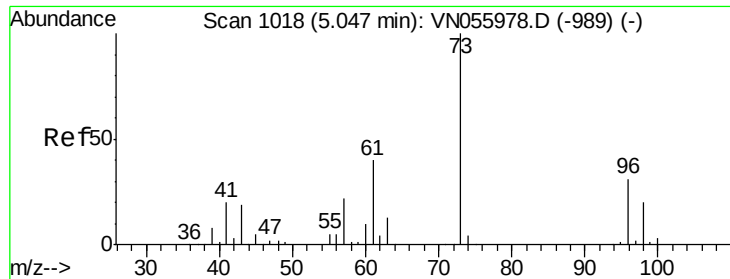
Tot Ion: 76 Resp: 259519
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 44.771 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 43 Resp: 115703
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9

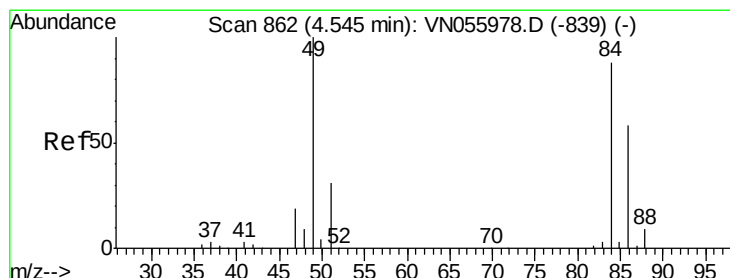
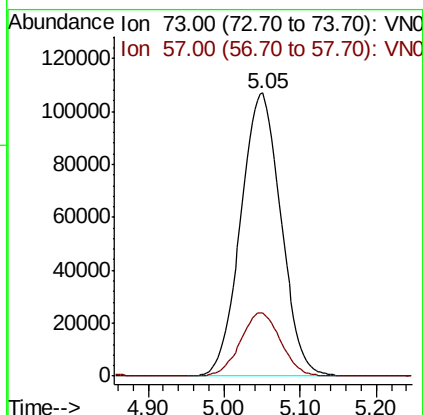
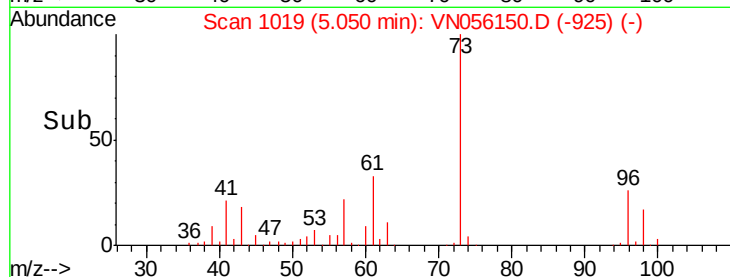
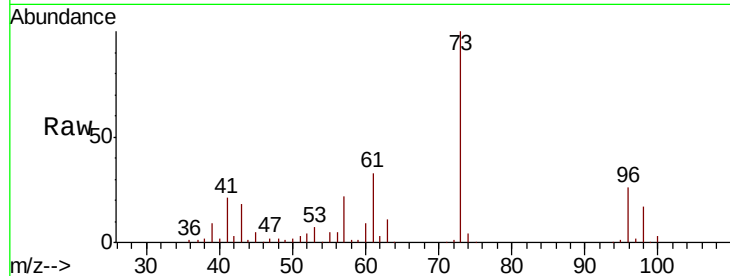




#19
Methyl tert-butyl Ether
Concen: 53.137 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

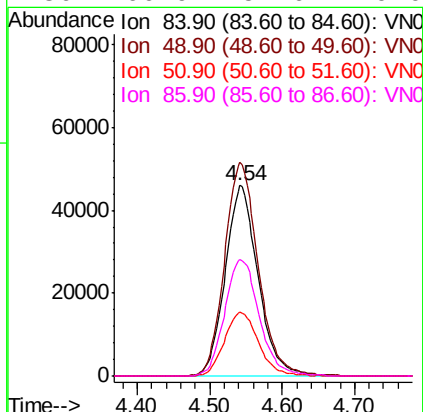
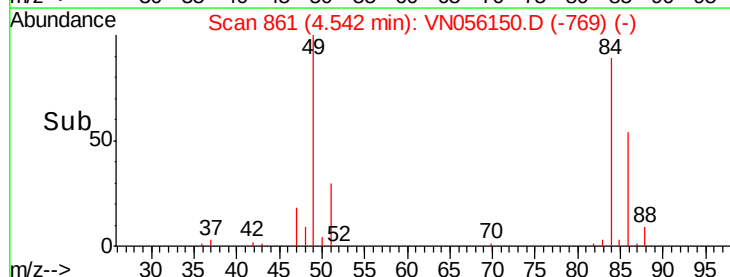
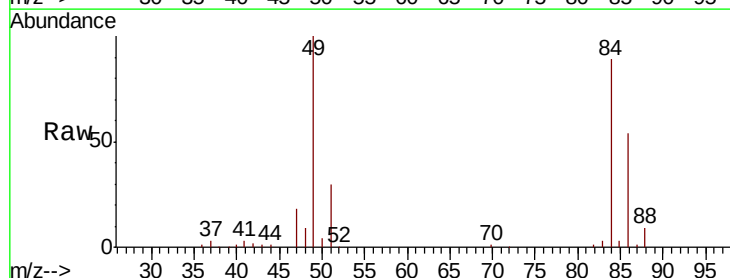
Instrument :
MSVOA_N
ClientSampled :

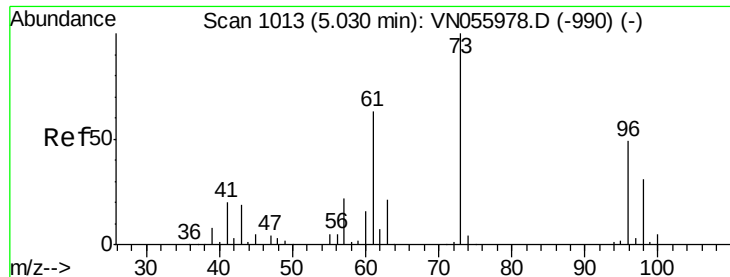
Tot Ion: 73 Resp: 393406
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 53.523 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 84 Resp: 144882
Ion Ratio Lower Upper
84 100
49 112.2 93.5 140.3
51 33.5 28.6 43.0
86 60.9 52.6 79.0



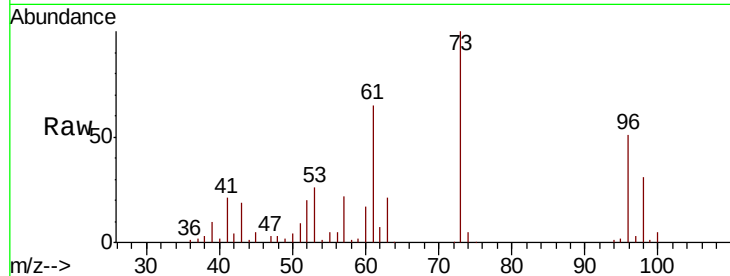


#21

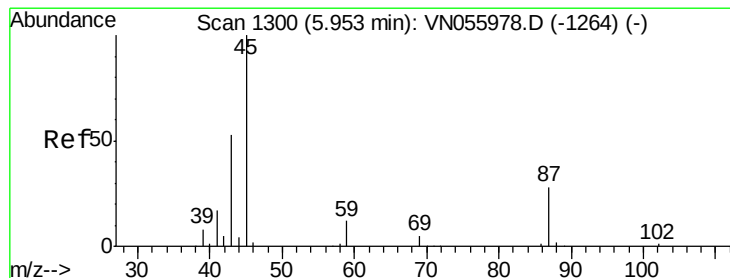
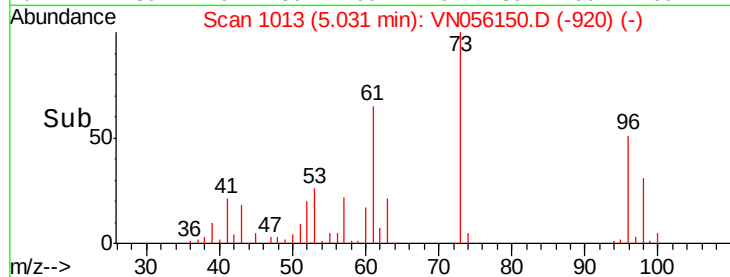
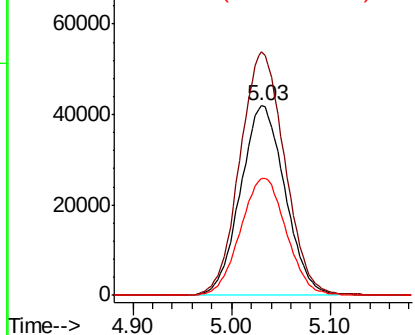
trans-1,2-Dichloroethene
Concen: 52.771 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 131328
Ion Ratio Lower Upper
96 100
61 128.6 107.8 161.8
98 61.6 49.8 74.8



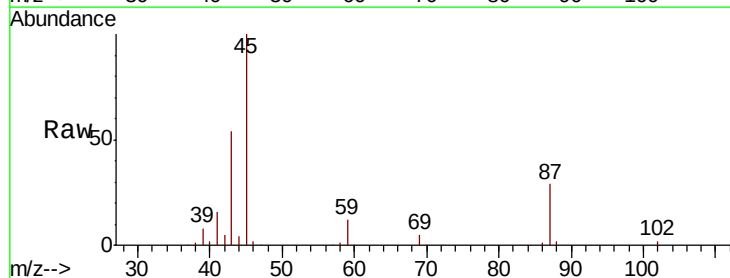
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



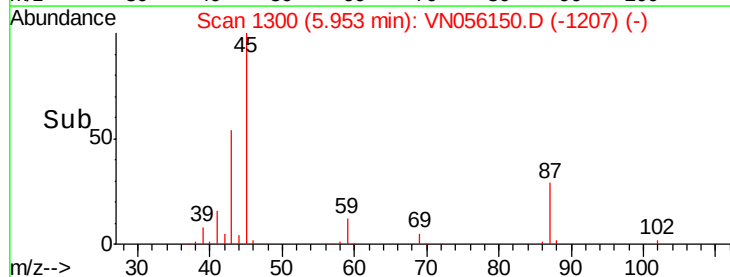
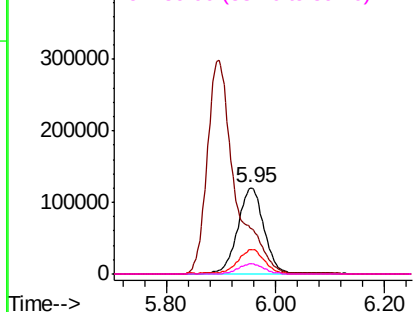
#22

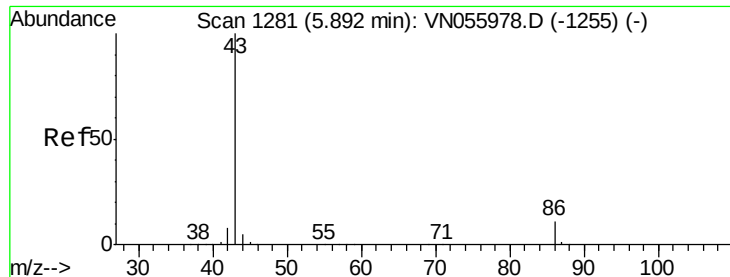
Diisopropyl ether
Concen: 53.888 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 45 Resp: 408556
Ion Ratio Lower Upper
45 100
43 53.6 45.0 67.6
87 28.6 22.2 33.4
59 12.0 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: 177.112 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

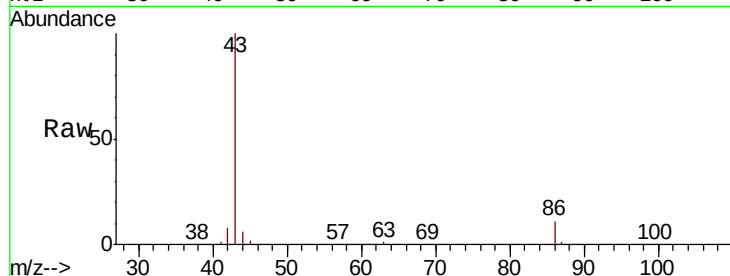
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1057437

Ion Ratio Lower Upper

43 100

86 11.1 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) (-)

5.90

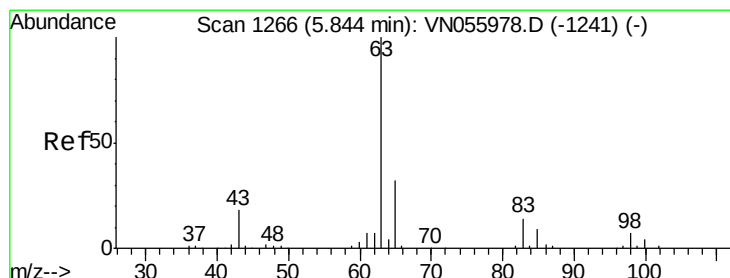
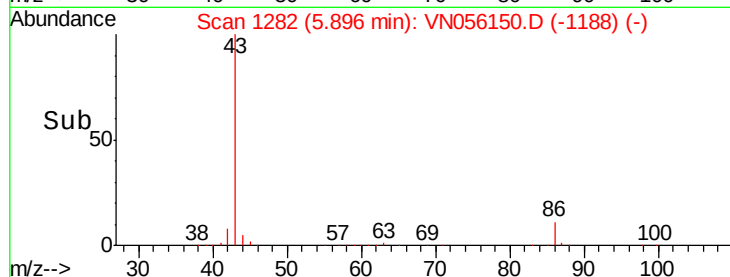
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.916 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

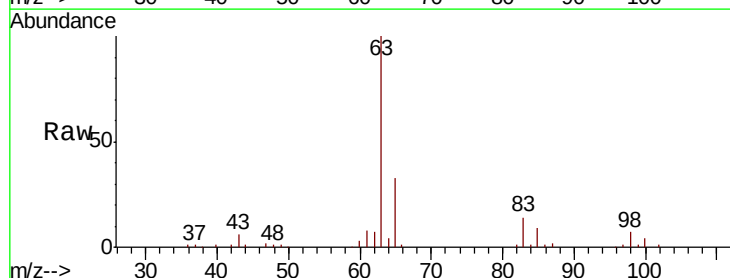
Tgt Ion: 63 Resp: 235792

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.4 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

100000

80000

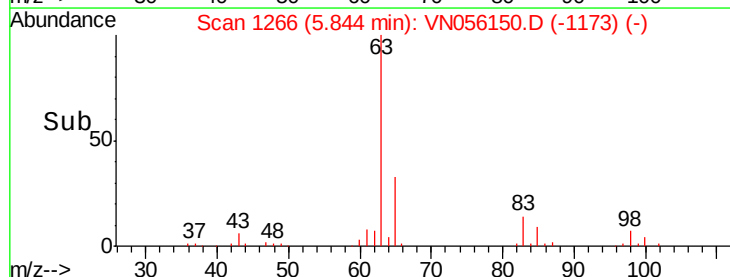
60000

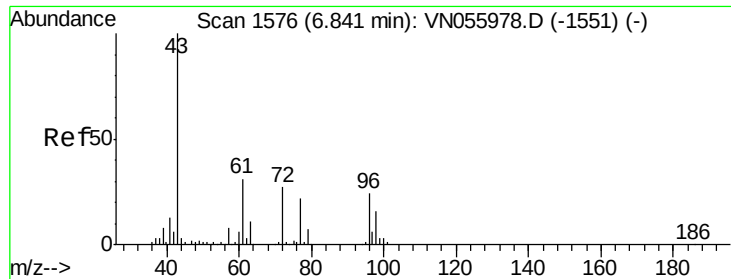
40000

20000

0

Time-->

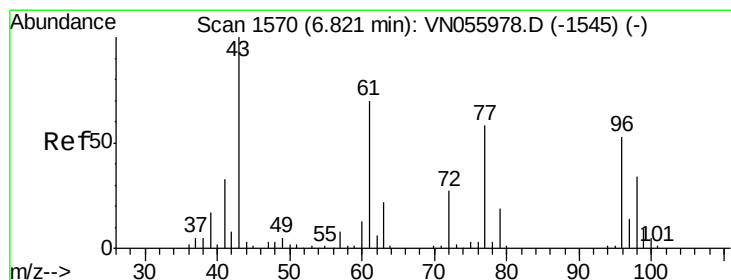
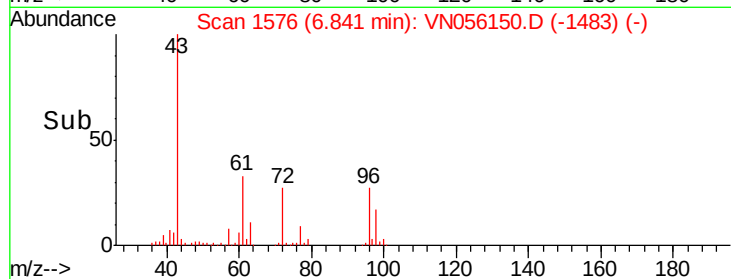
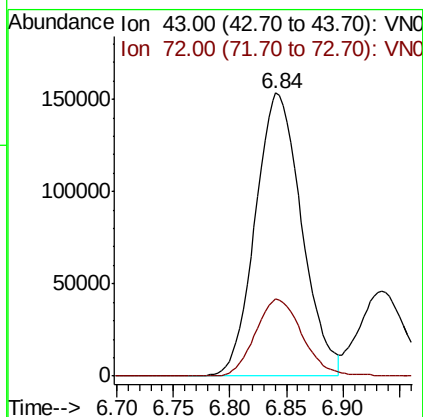
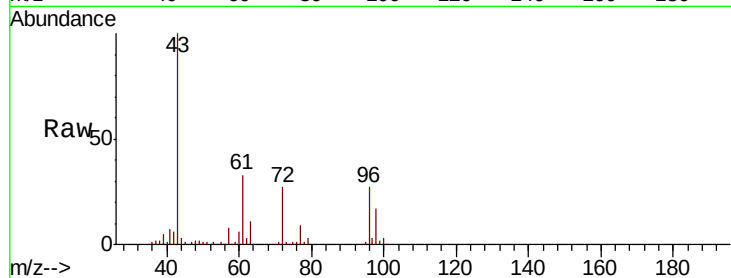




#25
2-Butanone
Concen: 262.079 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

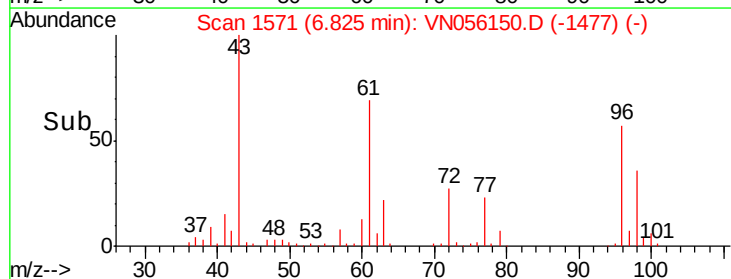
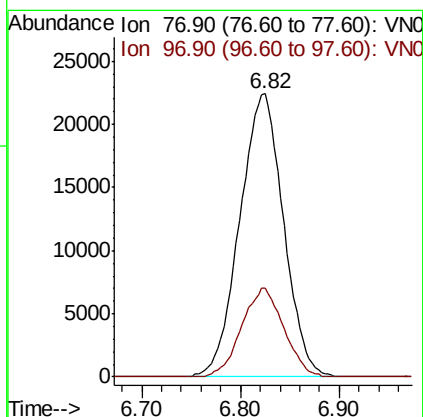
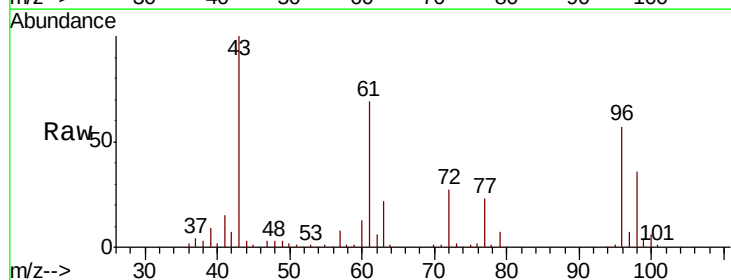
Instrument :
MSVOA_N
ClientSampleId :

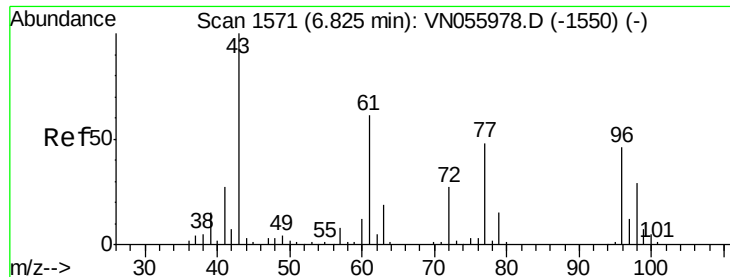
Tot Ion: 43 Resp: 435066
Ion Ratio Lower Upper
43 100
72 27.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.160 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 77 Resp: 68797
Ion Ratio Lower Upper
77 100
97 30.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 54.246 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

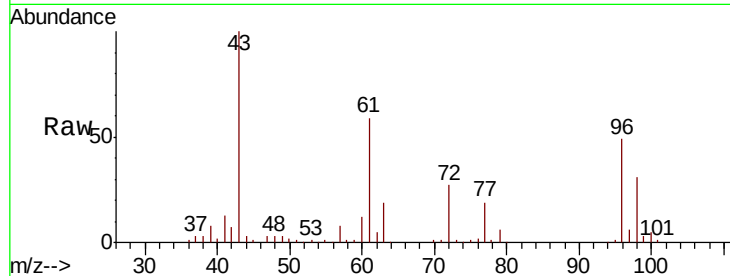
Tot Ion: 96 Resp: 158689

Ion Ratio Lower Upper

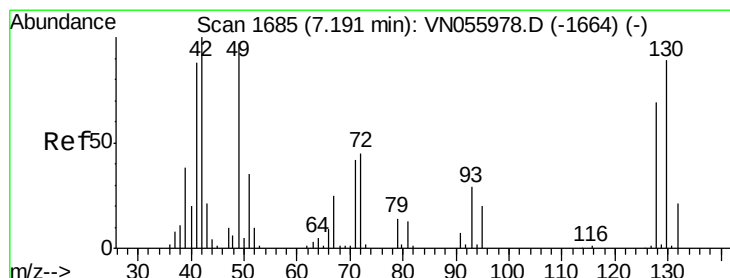
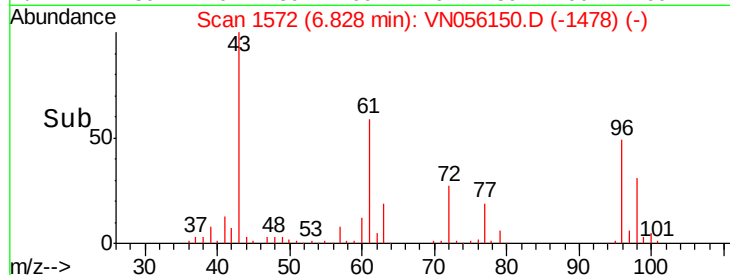
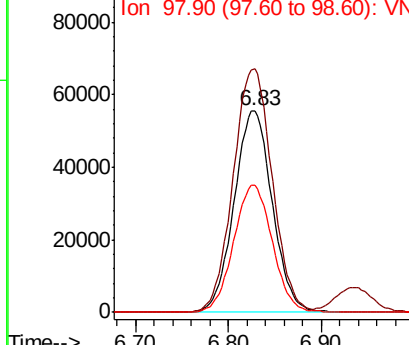
96 100

61 123.8 0.0 275.8

98 63.9 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: 55.903 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

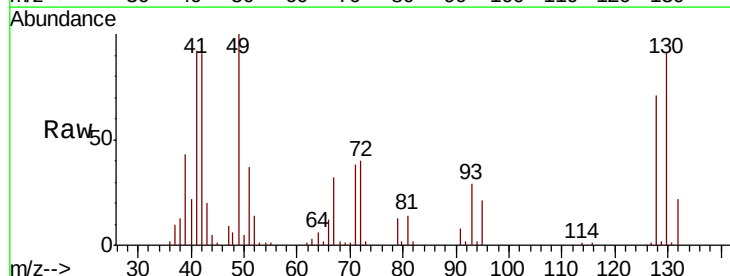
Tgt Ion: 49 Resp: 115615

Ion Ratio Lower Upper

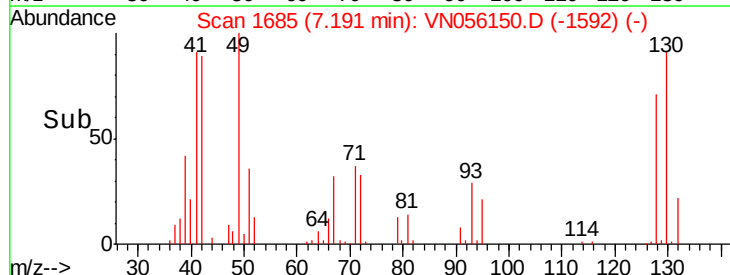
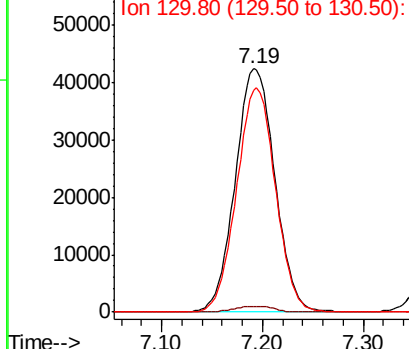
49 100

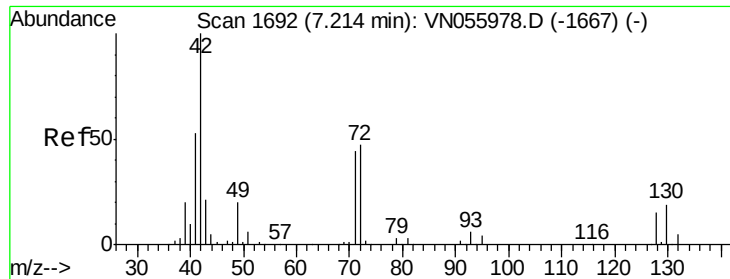
129 2.3 0.0 4.4

130 90.3 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: 286.763 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

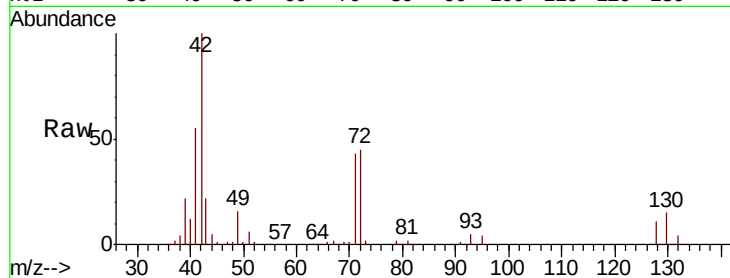
Tot Ion: 42 Resp: 294261

Ion Ratio Lower Upper

42 100

72 44.8 35.9 53.9

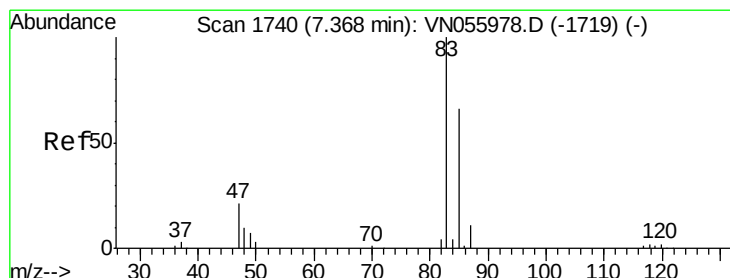
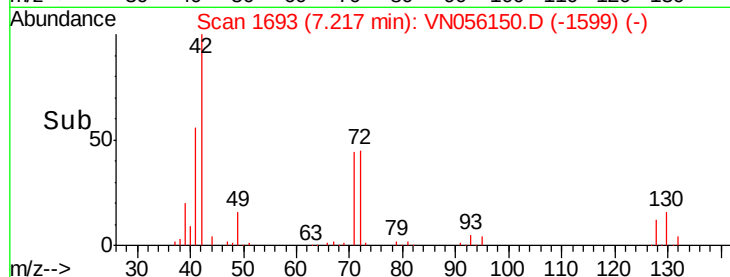
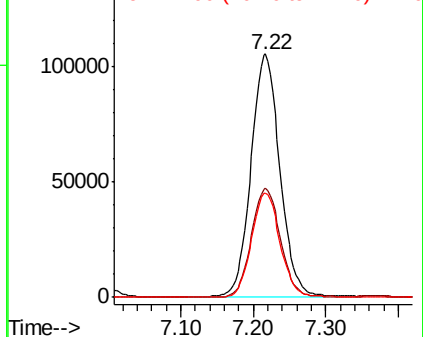
71 42.2 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 54.171 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056150.D

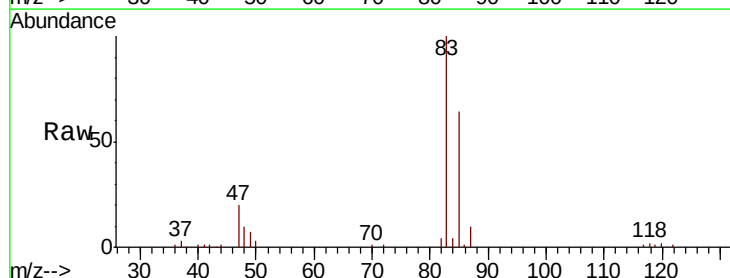
Acq: 8 Jun 2019 13:42

Tgt Ion: 83 Resp: 238321

Ion Ratio Lower Upper

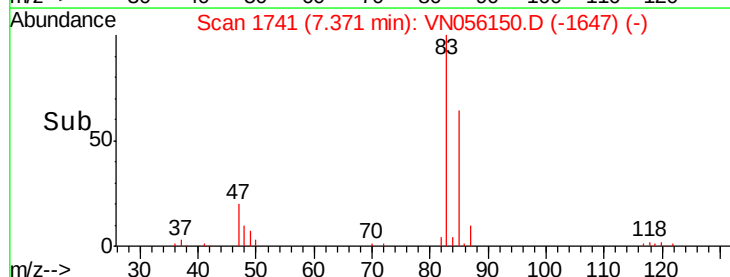
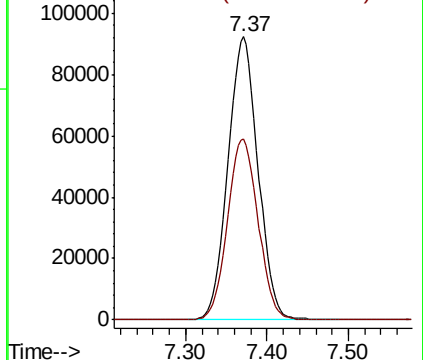
83 100

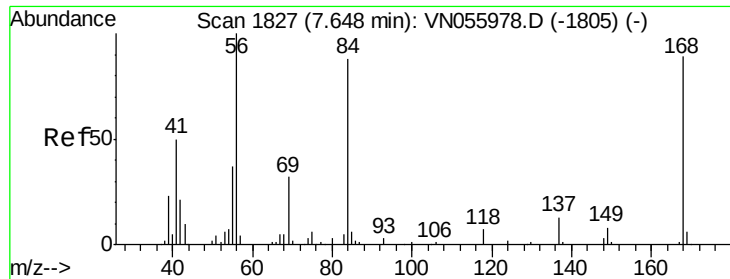
85 63.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

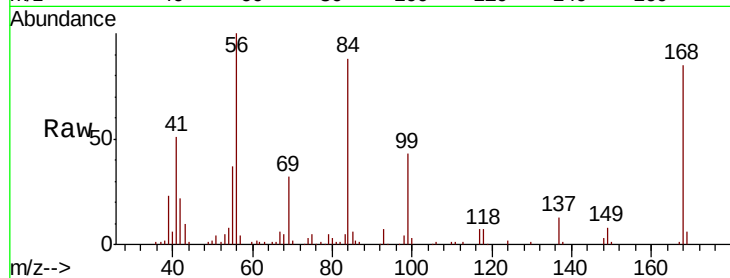




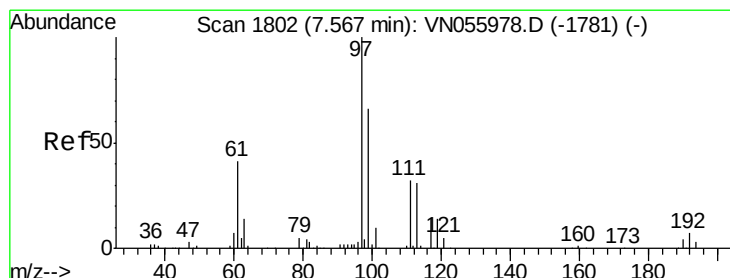
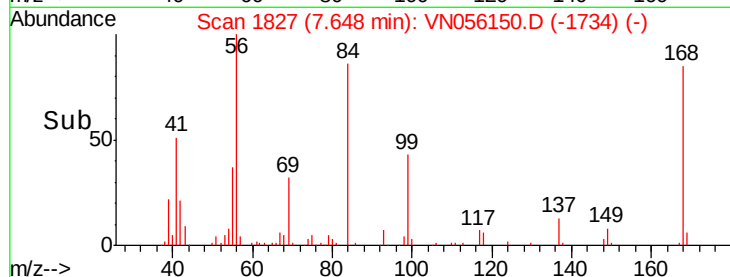
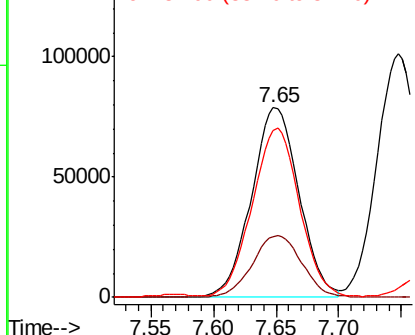
#31
Cyclohexane
Concen: 47.761 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 208198
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 87.0 67.4 101.0

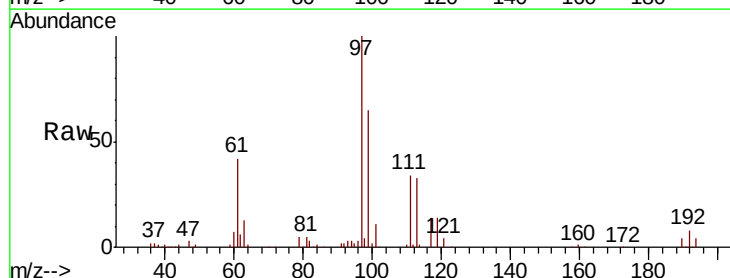


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

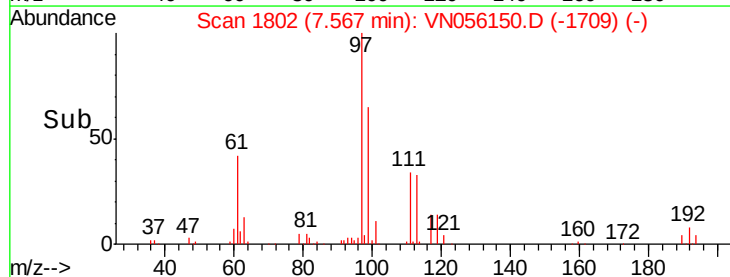
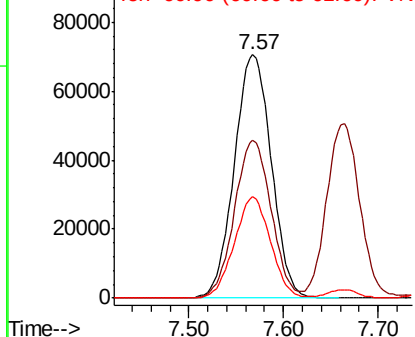


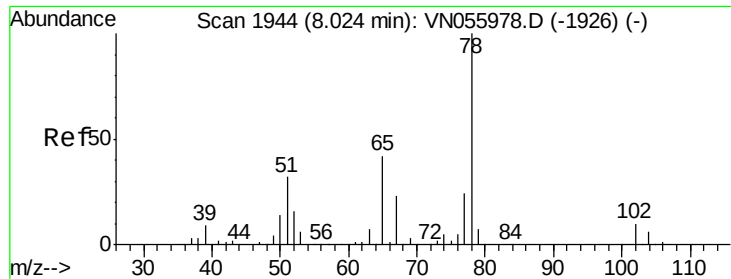
#32
1,1,1-Trichloroethane
Concen: 52.255 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 97 Resp: 191972
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.8 32.9 49.3



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

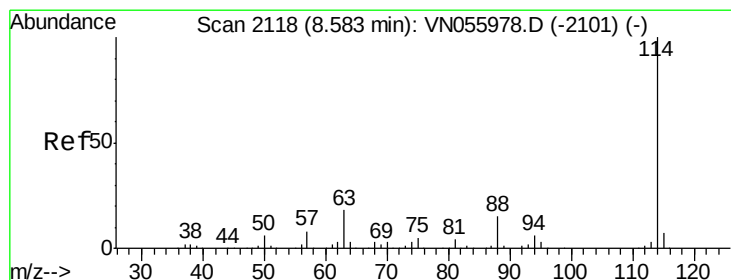
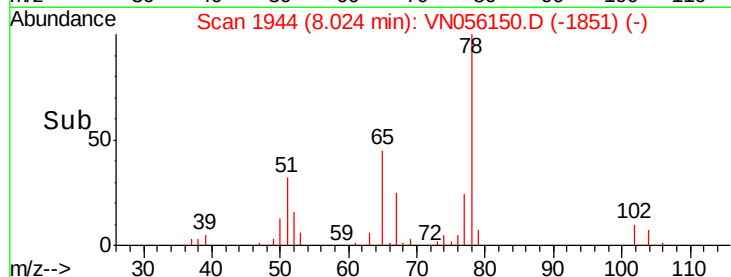
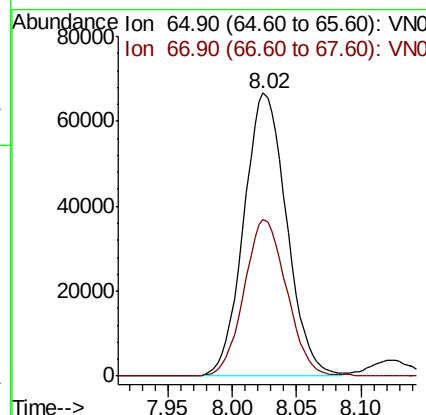
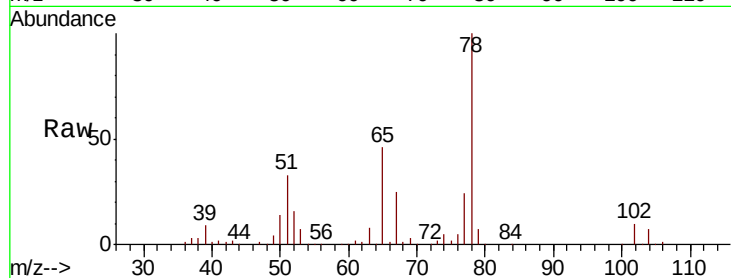




#33
 1,2-Dichloroethane-d4
 Concen: 56.162 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

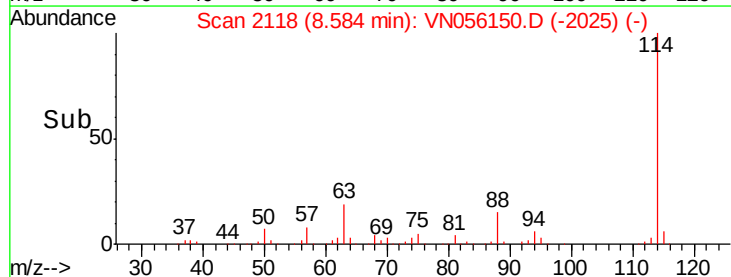
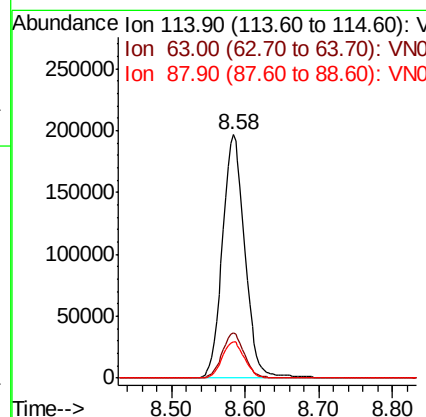
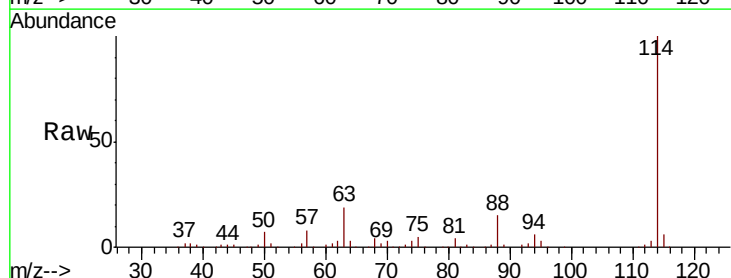
Instrument :
 MSVOA_N
 ClientSampleId :

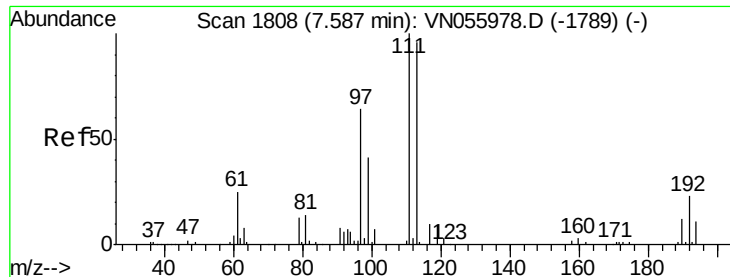
Tot Ion: 65 Resp: 154288
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion: 114 Resp: 415213
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 31.0

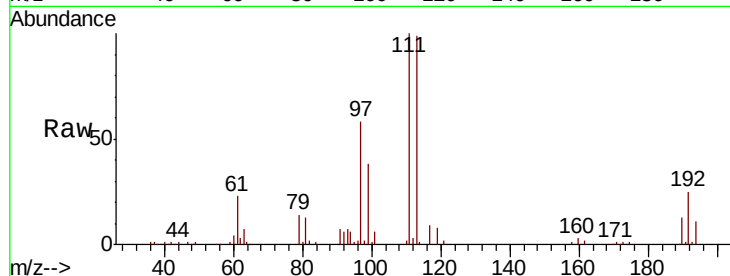




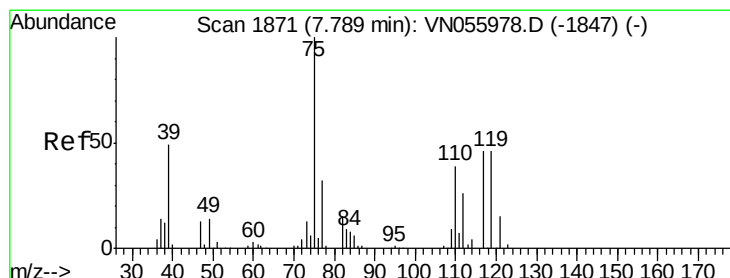
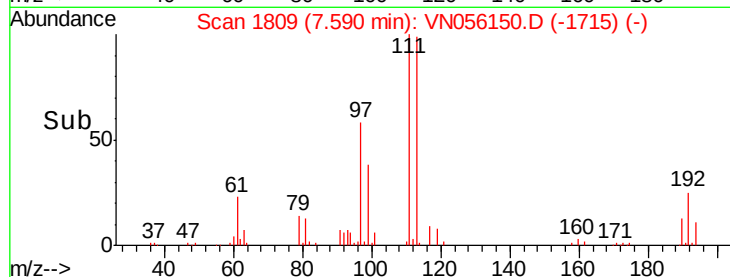
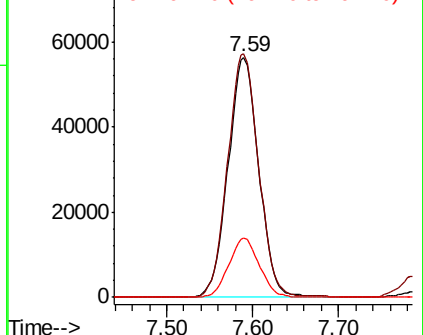
#35
 Dibromofluoromethane
 Concen: 54.849 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	24.5	19.5	29.3

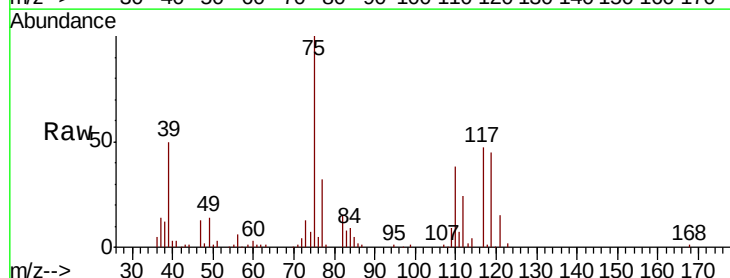


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

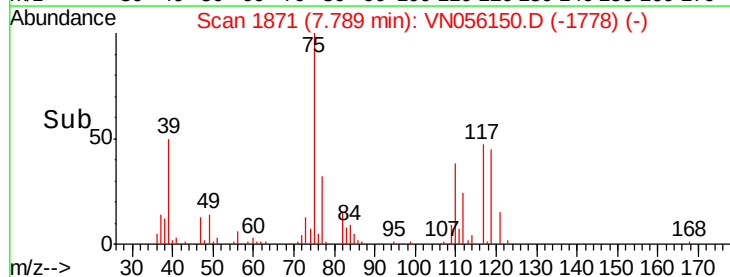
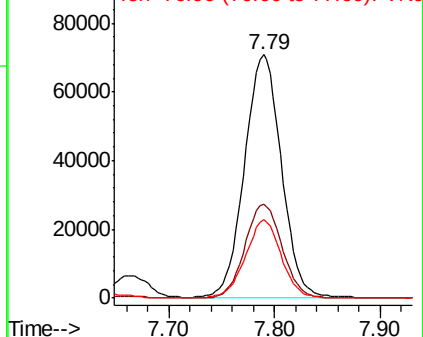


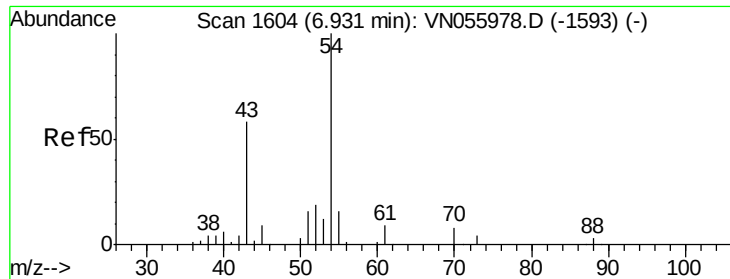
#36
 1,1-Dichloropropene
 Concen: 47.974 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.0	57.0
77	31.6	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

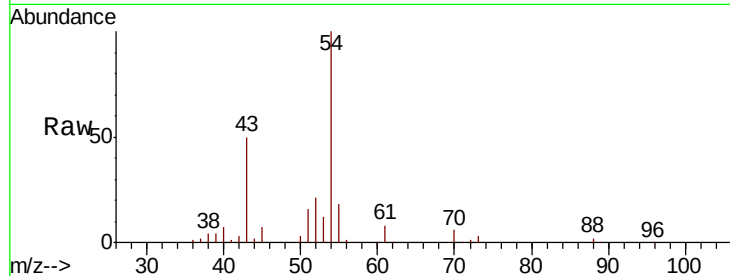




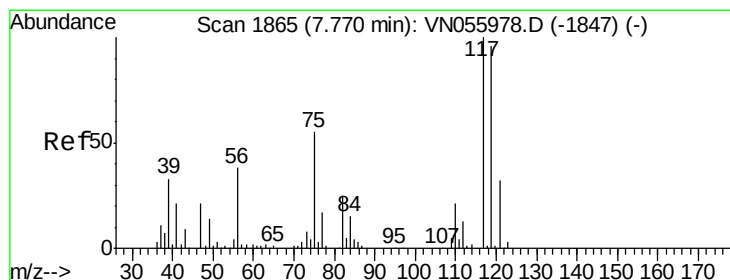
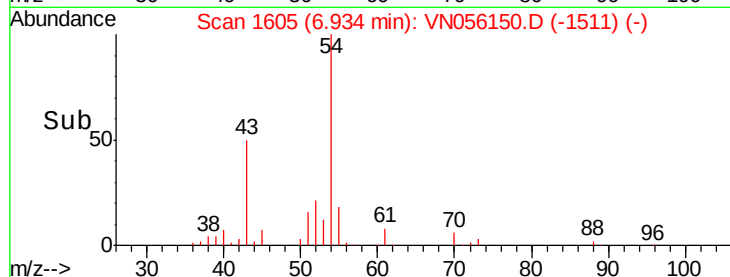
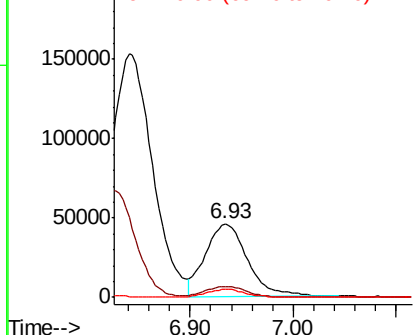
#37
Ethyl Acetate
Concen: 41.072 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 130471
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 10.4 8.9 13.3

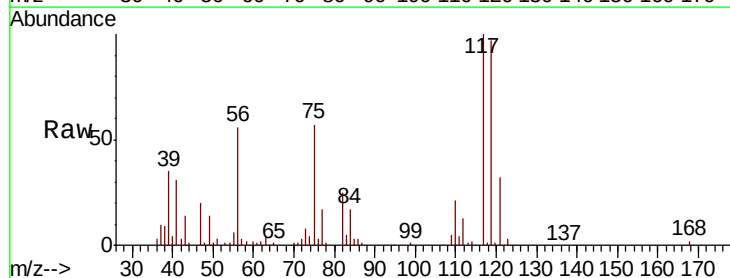


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

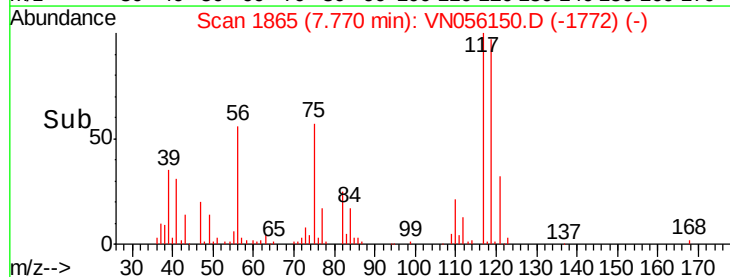
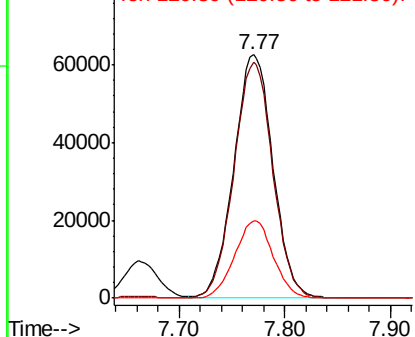


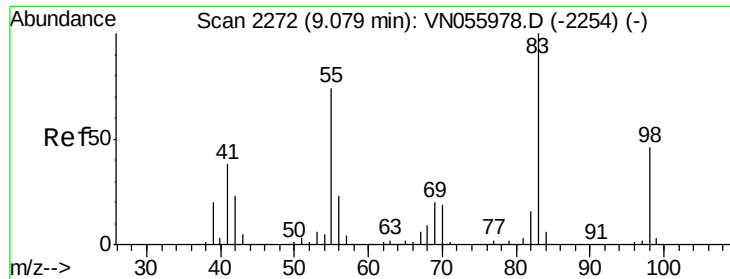
#38
Carbon Tetrachloride
Concen: 49.034 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 117 Resp: 161398
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 31.7 24.7 37.1



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

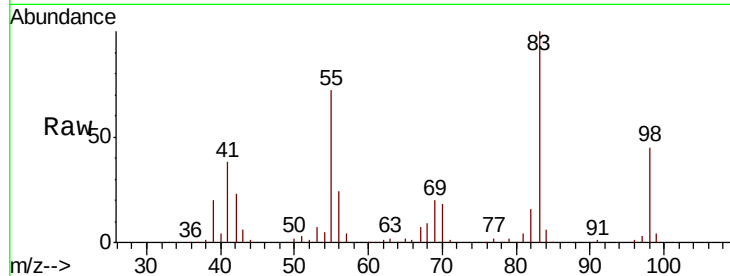




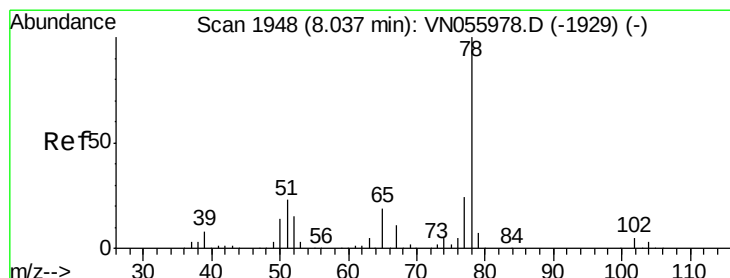
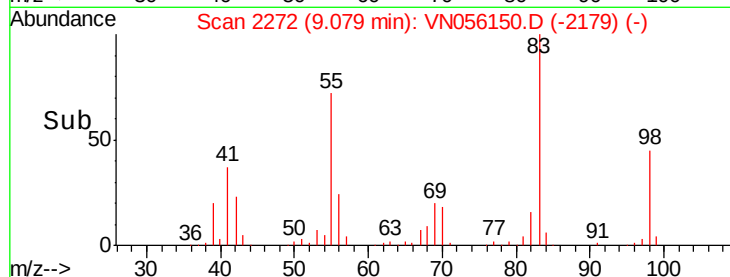
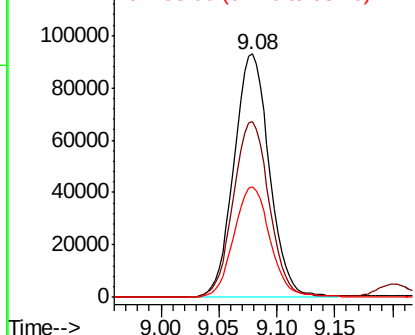
#39
Methylvlcyclohexane
Concen: 44.528 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 198040
Ion Ratio Lower Upper
83 100
55 72.0 59.3 88.9
98 45.5 36.6 54.8

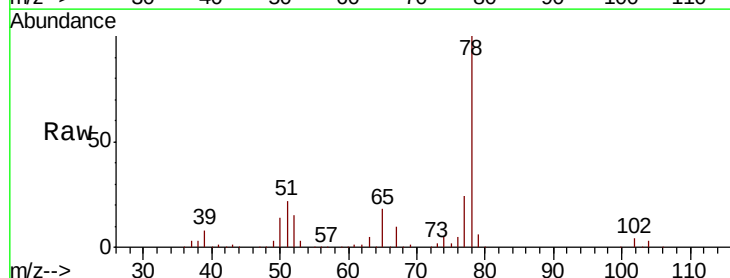


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

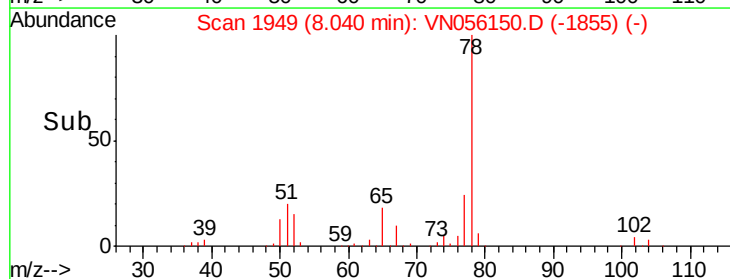
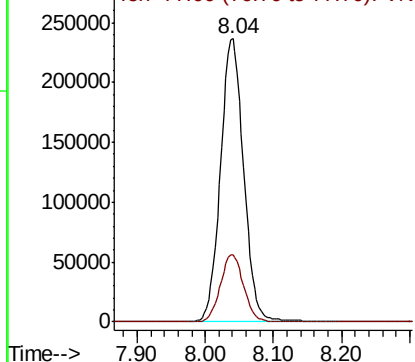


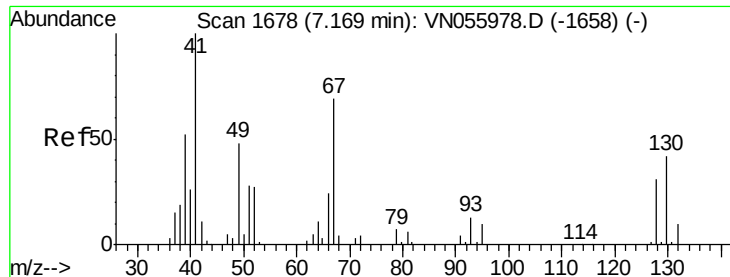
#40
Benzene
Concen: 51.496 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 78 Resp: 558404
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

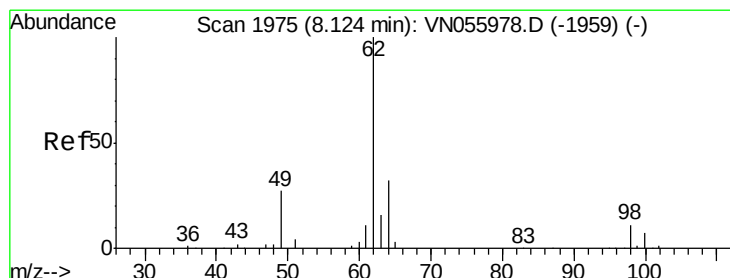
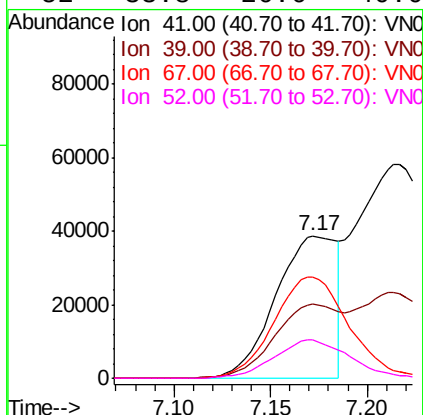
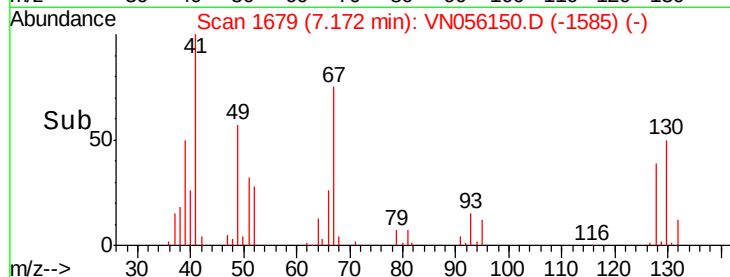
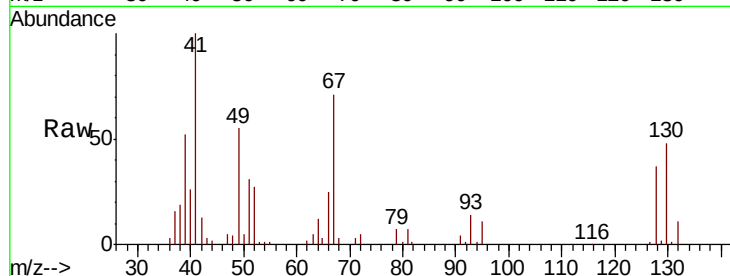




#41
Methacrylonitrile
Concen: 58.160 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

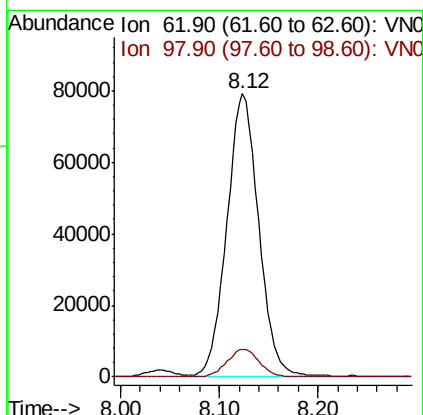
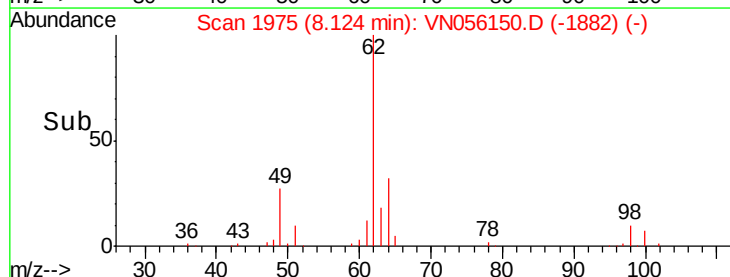
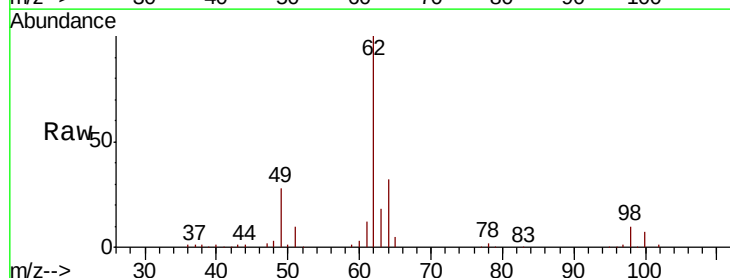
Instrument :
MSVOA_N
ClientSampled :

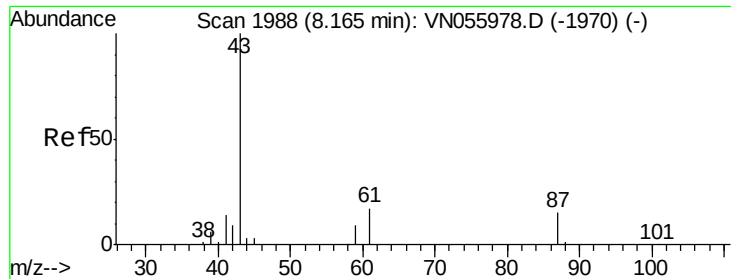
Tot Ion: 41 Resp: 85004
Ion Ratio Lower Upper
41 100
39 56.3 45.6 68.4
67 88.6 67.7 101.5
52 33.8 26.6 40.0



#42
1,2-Dichloroethane
Concen: 50.945 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 62 Resp: 177698
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 42.069 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

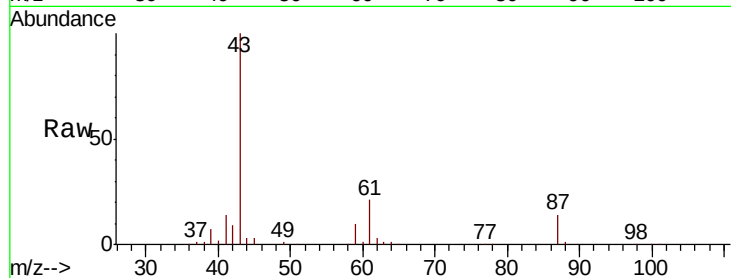
Tot Ion: 43 Resp: 216558

Ion Ratio Lower Upper

43 100

61 22.0 22.2 33.4#

87 14.3 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) (-)

8.17

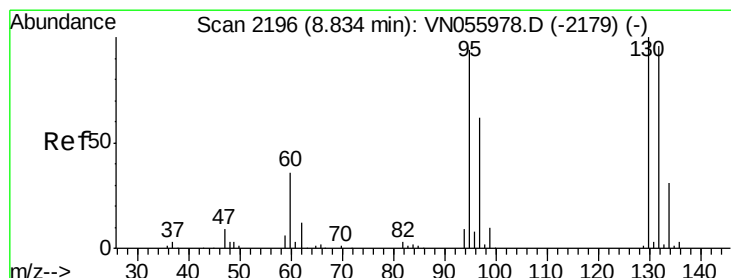
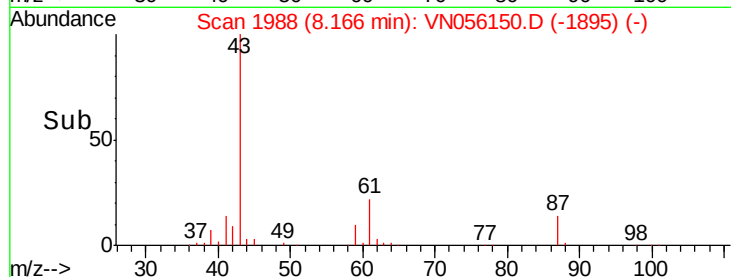
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 50.704 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056150.D

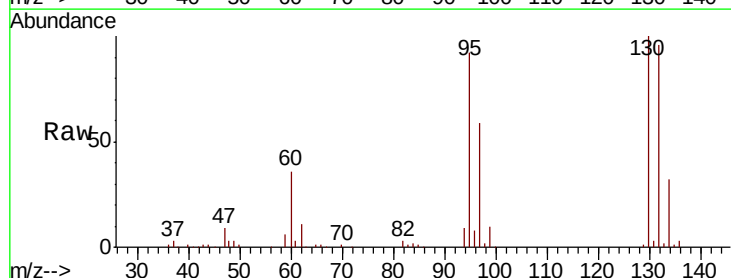
Acq: 8 Jun 2019 13:42

Tgt Ion:130 Resp: 157990

Ion Ratio Lower Upper

130 100

95 92.3 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) (-)

8.83

80000

60000

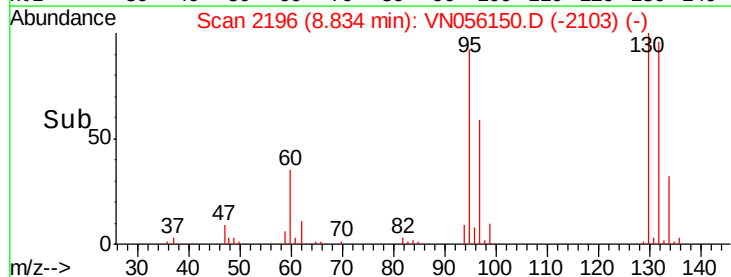
40000

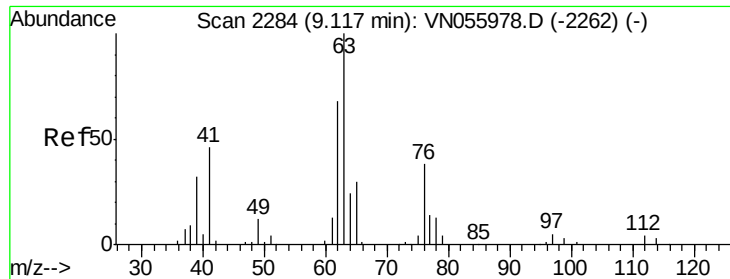
20000

0

8.70 8.80 8.90 9.00

Time-->

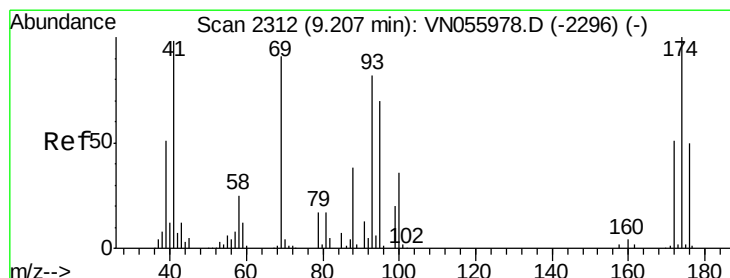
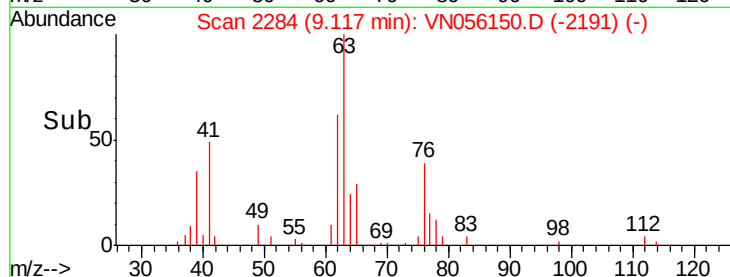
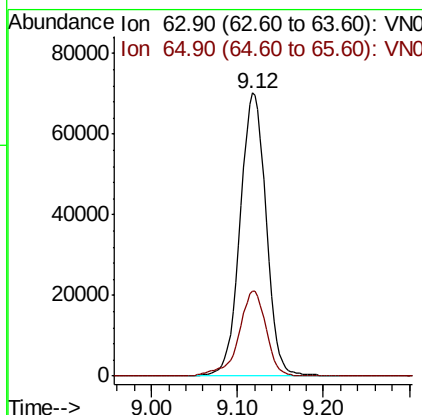
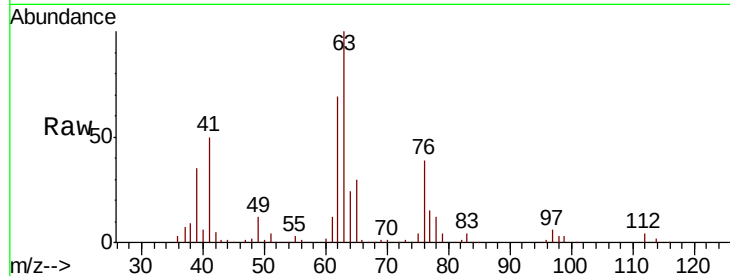




#45
 1,2-Dichloropropane
 Concen: 53.216 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

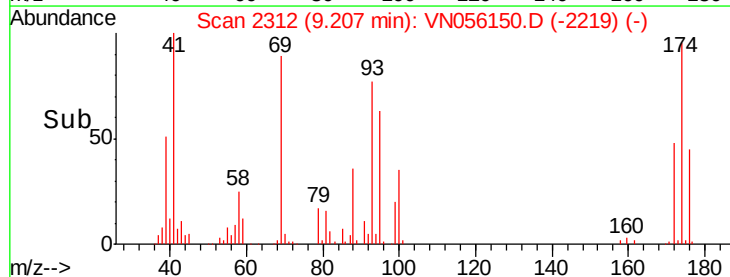
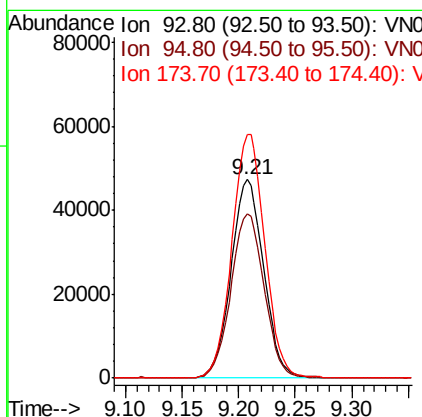
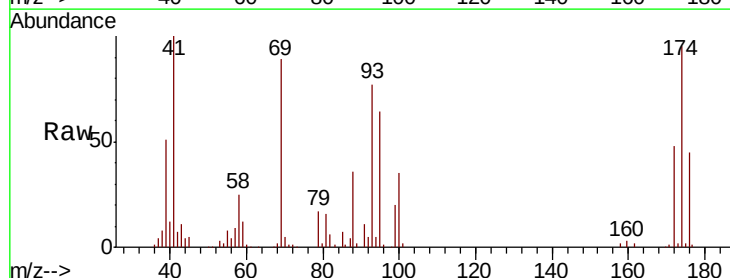
Instrument :
 MSVOA_N
 ClientSampleId :

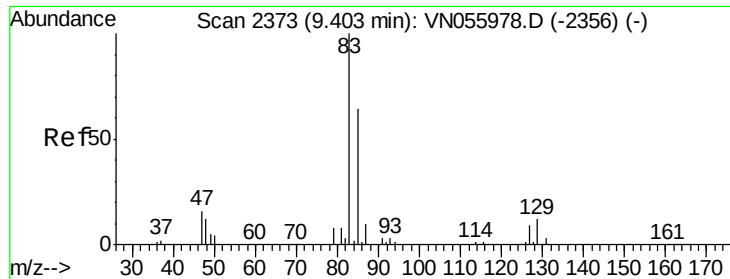
Tot Ion: 63 Resp: 147808
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#46
 Dibromomethane
 Concen: 52.369 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion: 93 Resp: 95117
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.7 100.1
 174 123.7 96.4 144.6





#47

Bromodichloromethane

Concen: 51.390 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

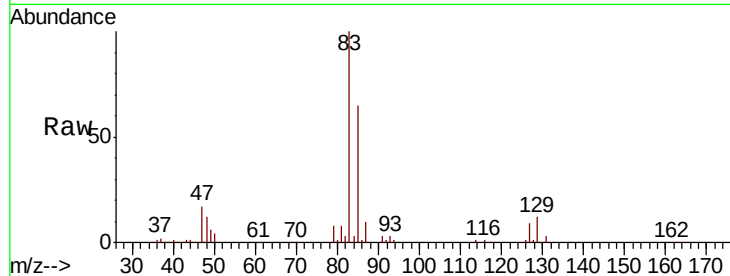
Tot Ion: 83 Resp: 169170

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

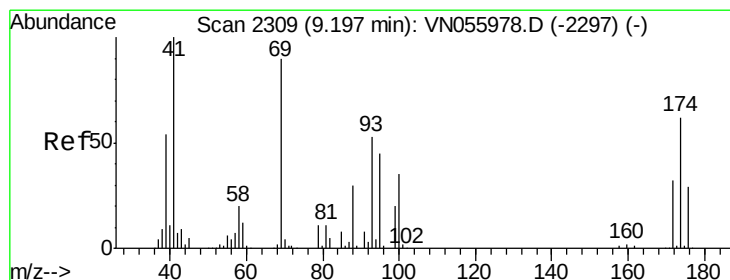
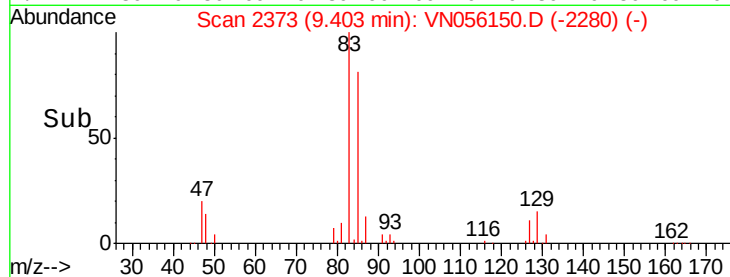
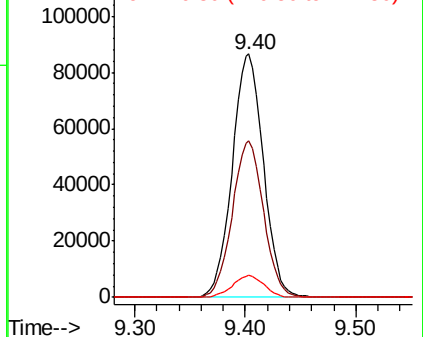
127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056150.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056150.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056150.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.685 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

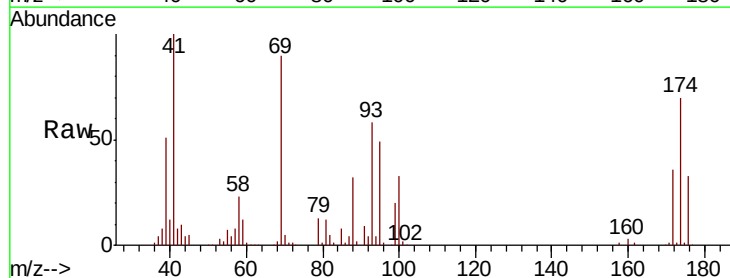
Tgt Ion: 41 Resp: 137719

Ion Ratio Lower Upper

41 100

69 91.2 71.0 106.6

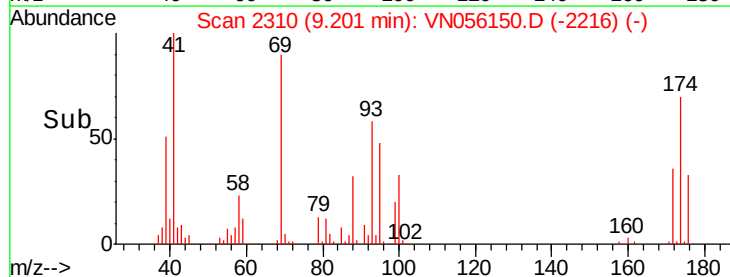
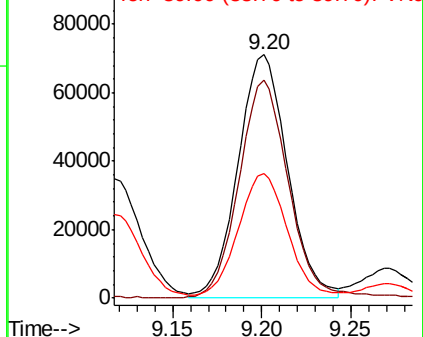
39 51.4 44.2 66.2

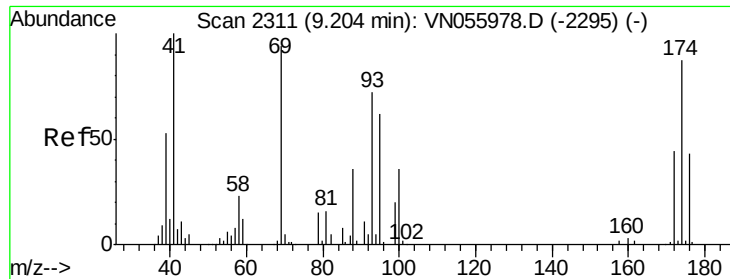


Abundance Ion 41.00 (40.70 to 41.70): VN056150.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056150.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056150.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1021.096 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

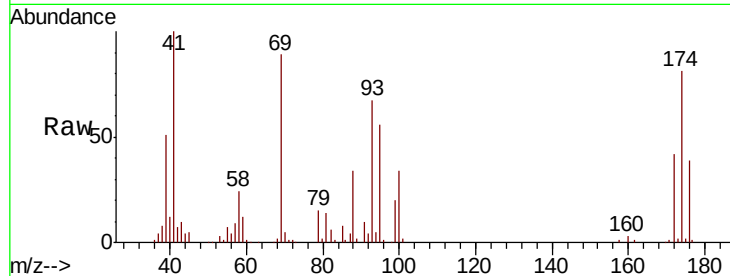
Tot Ion: 88 Resp: 55516

Ion Ratio Lower Upper

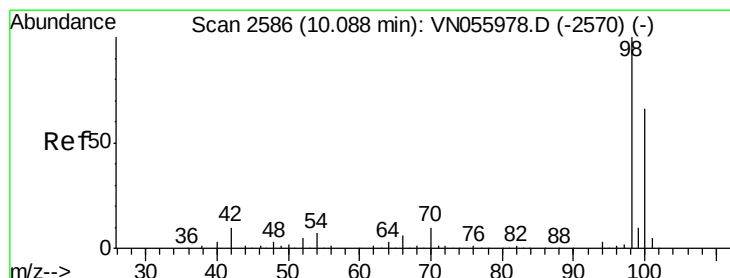
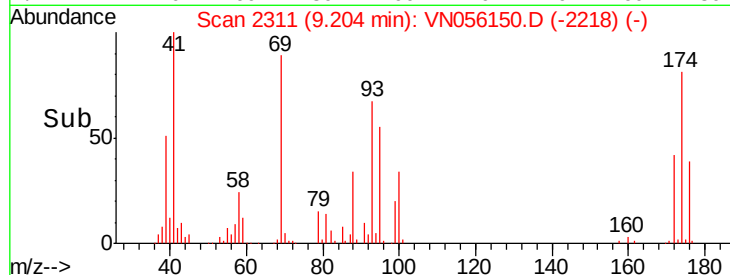
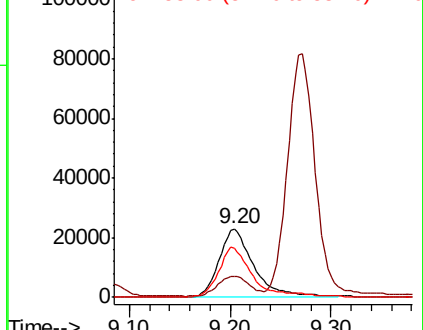
88 100

43 26.7 20.5 30.7

58 72.8 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: 53.531 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056150.D

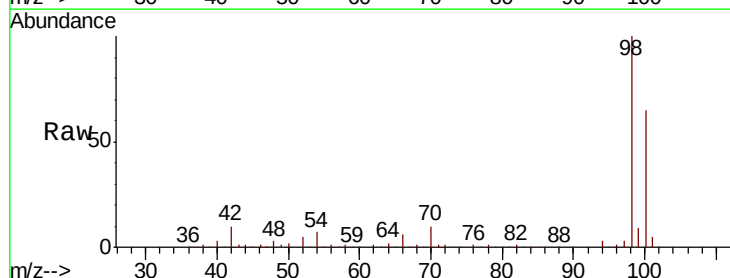
Acq: 8 Jun 2019 13:42

Tgt Ion: 98 Resp: 524745

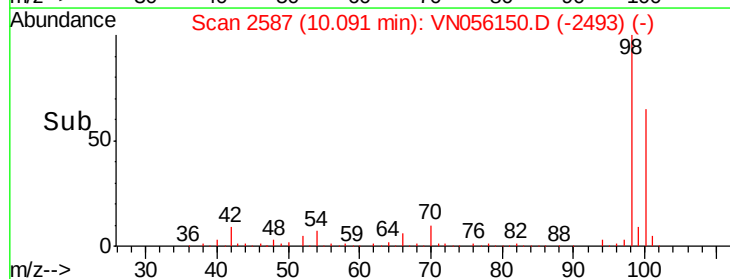
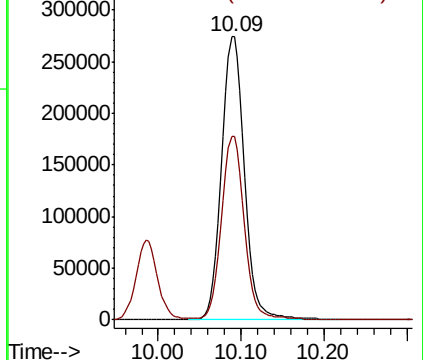
Ion Ratio Lower Upper

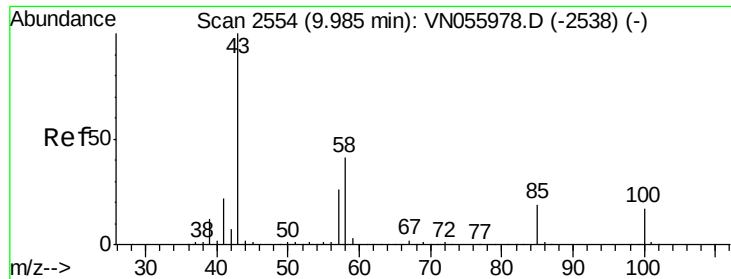
98 100

100 64.9 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: 276.838 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

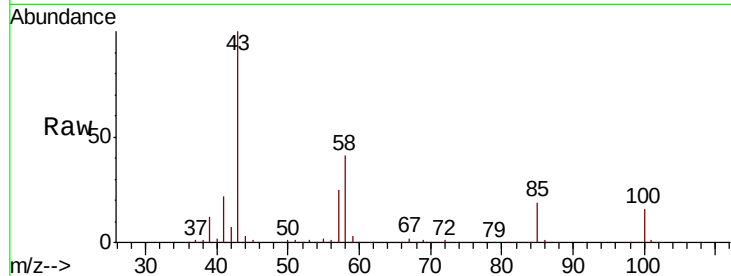
ClientSampled :

Tot Ion: 43 Resp: 891169

Ion Ratio Lower Upper

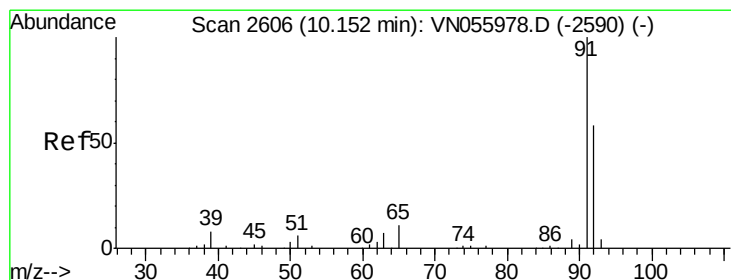
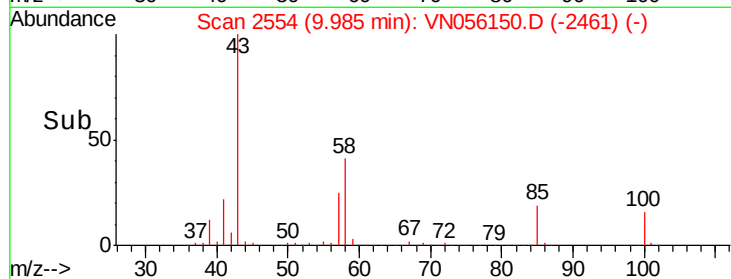
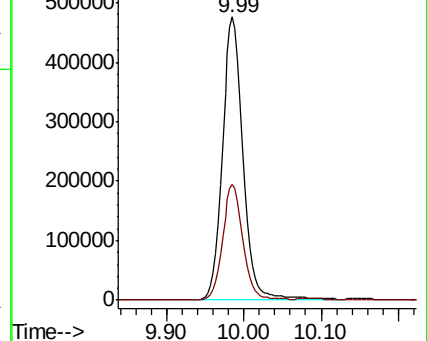
43 100

58 40.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.254 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056150.D

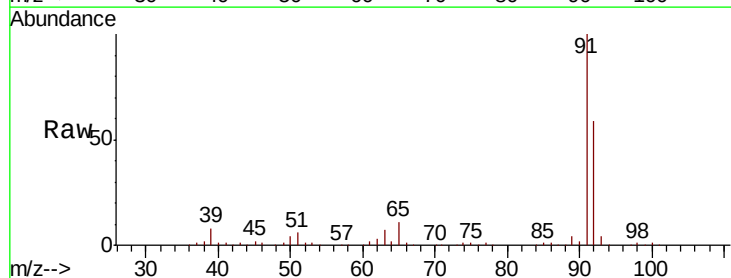
Acq: 8 Jun 2019 13:42

Tgt Ion: 92 Resp: 352589

Ion Ratio Lower Upper

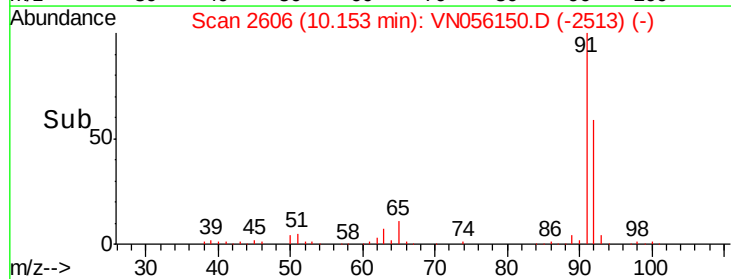
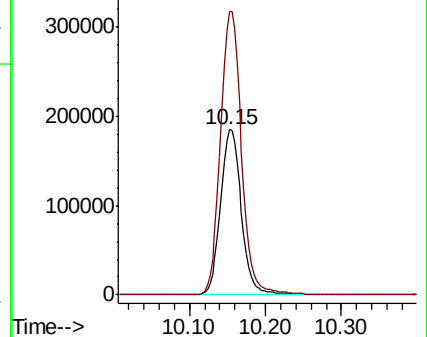
92 100

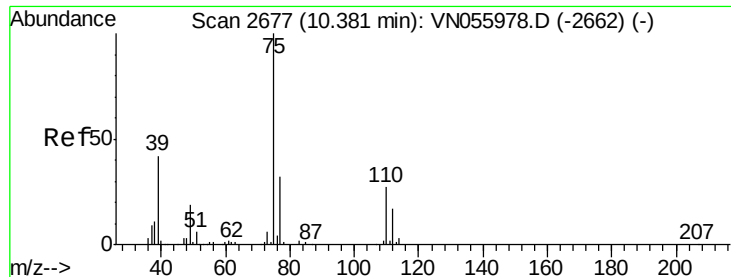
91 173.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 40.608 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

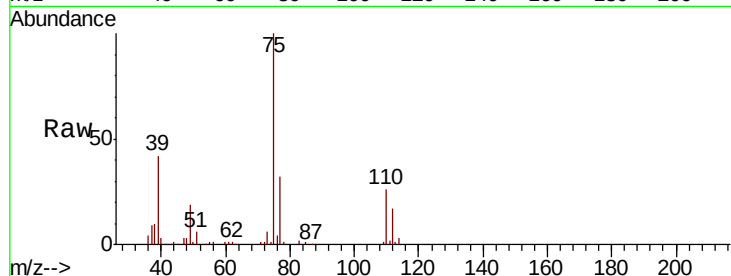
ClientSampleId :

Tot Ion: 75 Resp: 154900

Ion Ratio Lower Upper

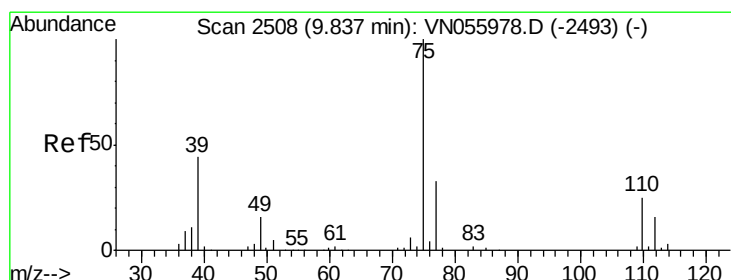
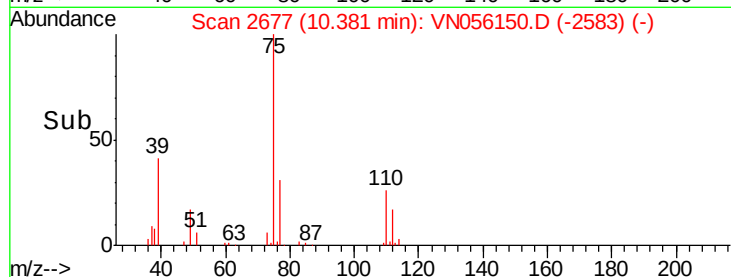
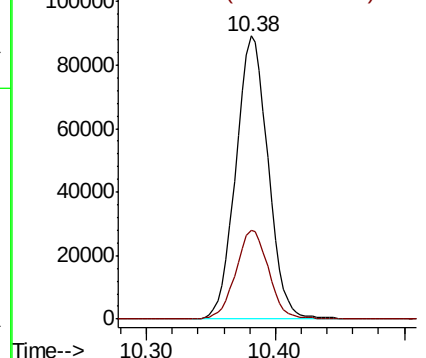
75 100

77 31.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 46.299 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

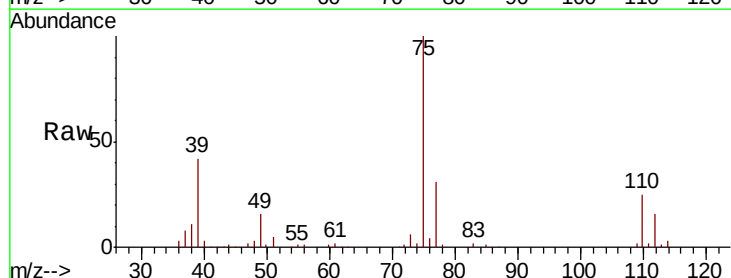
Tgt Ion: 75 Resp: 183200

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

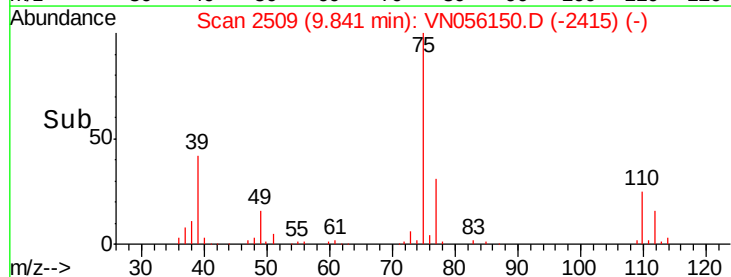
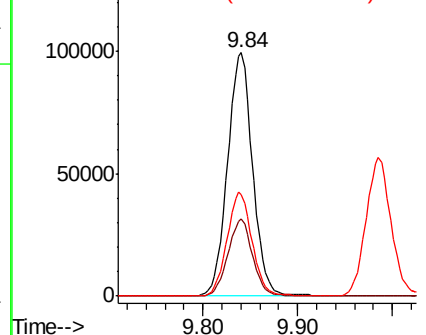
39 41.8 36.3 54.5

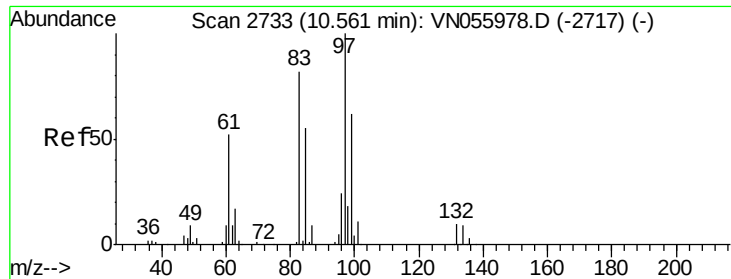


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.634 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 143355

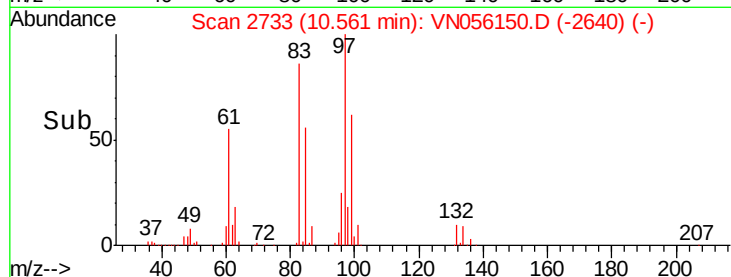
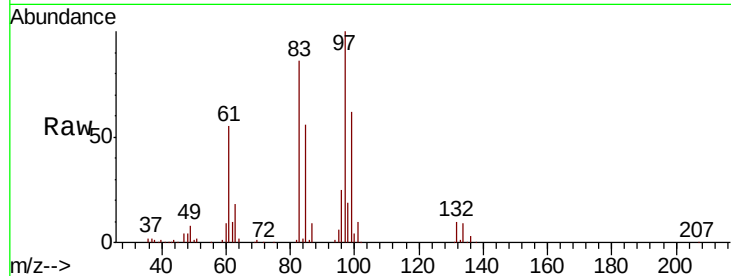
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.6
85	55.7	44.0	66.0
99	62.2	50.6	75.8

97 100

83 85.6 67.0 100.6

85 55.7 44.0 66.0

99 62.2 50.6 75.8

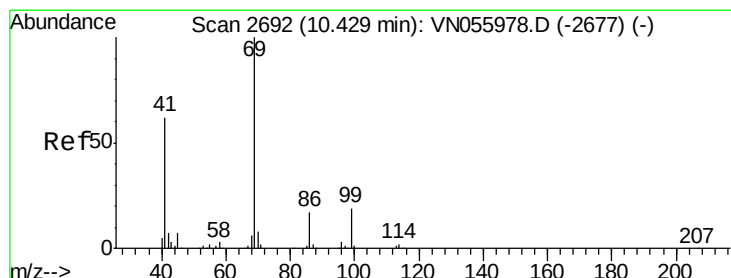
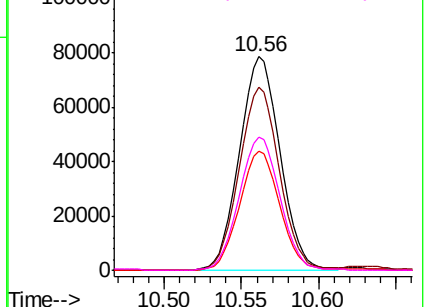


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.587 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

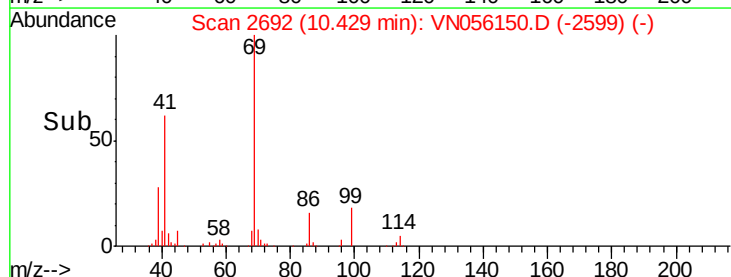
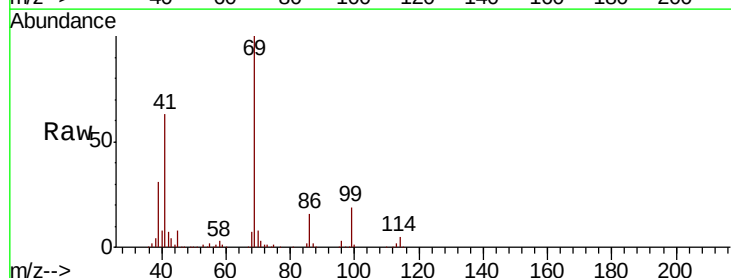
Tgt Ion: 69 Resp: 212854

Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	29.5	24.7	37.1

69 100

41 61.4 49.7 74.5

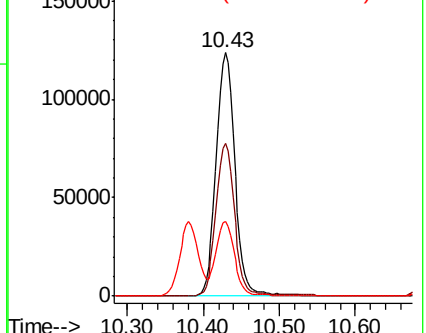
39 29.5 24.7 37.1

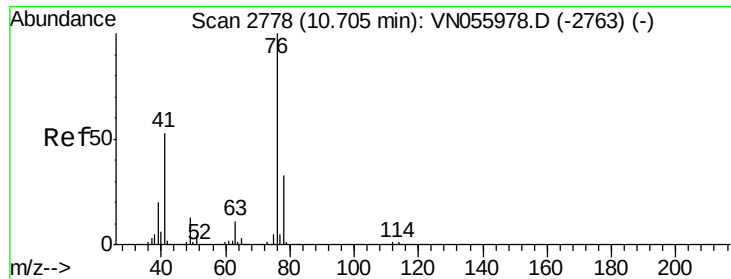


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

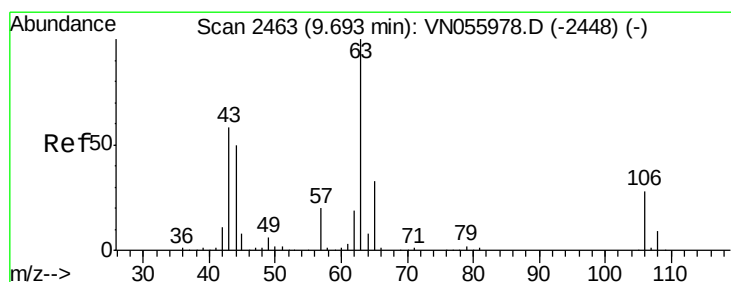
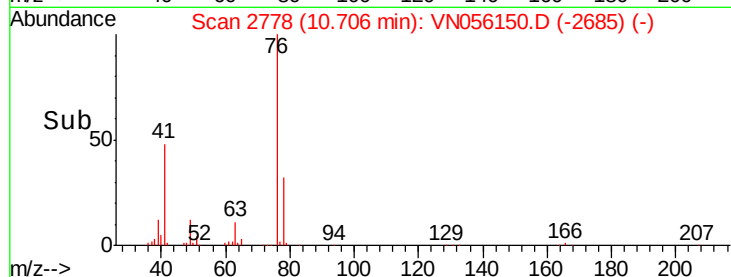
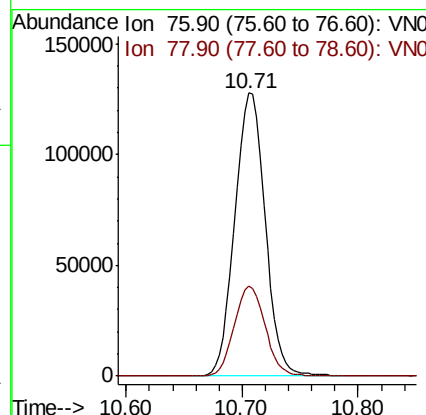
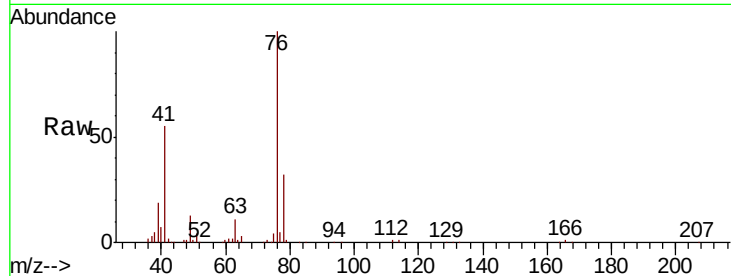




#57
 1,3-Dichloropropane
 Concen: 53.279 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

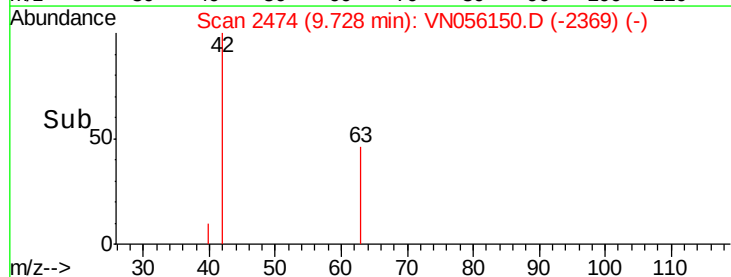
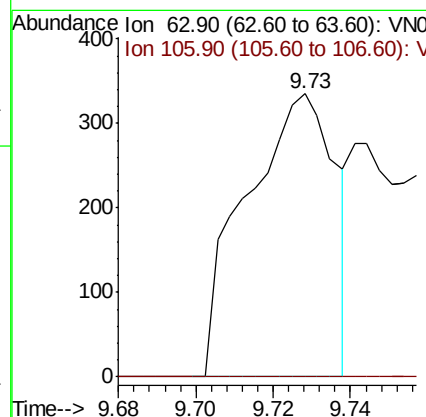
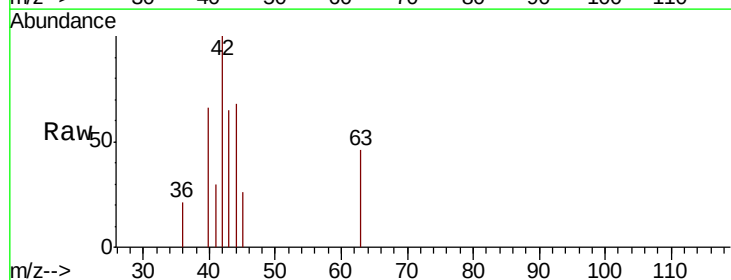
Instrument :
 MSVOA_N
 ClientSampleId :

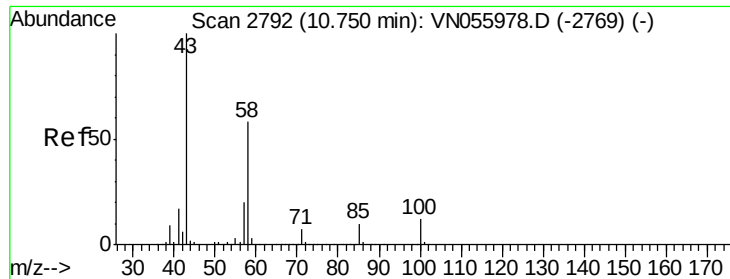
Tot Ion: 76 Resp: 231500
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.201 ug/l
 RT: 9.73 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion: 63 Resp: 536
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

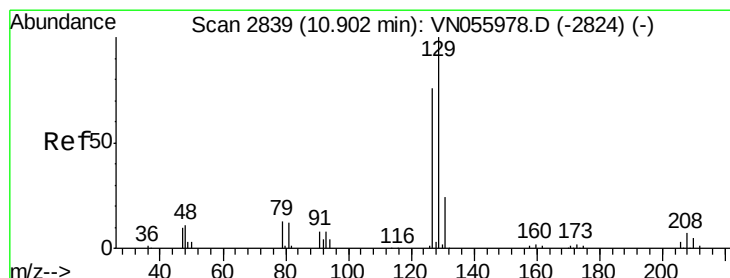
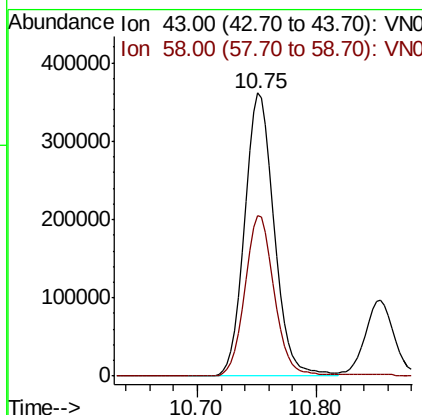
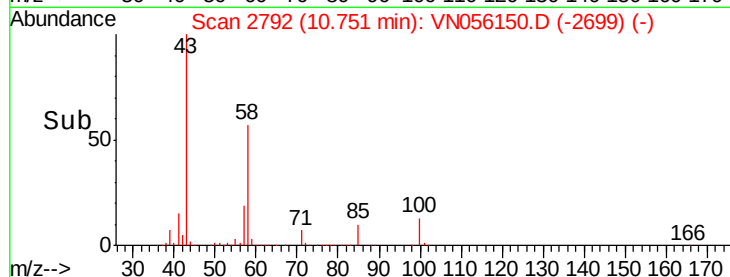
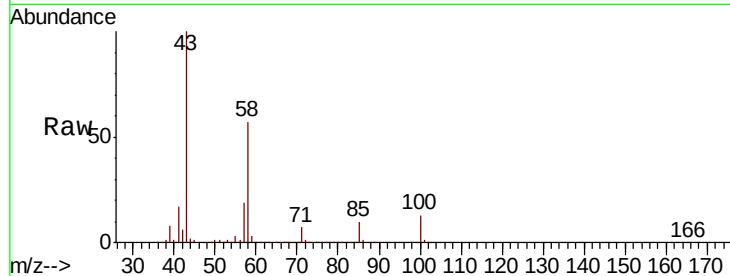




#59
2-Hexanone
Concen: 266.115 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

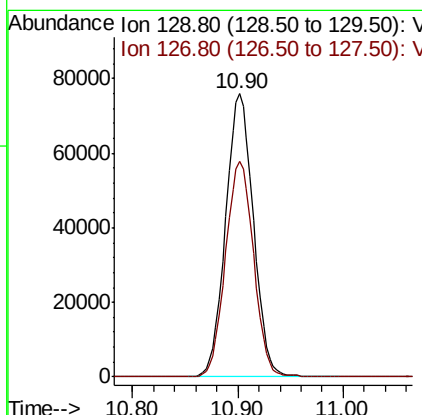
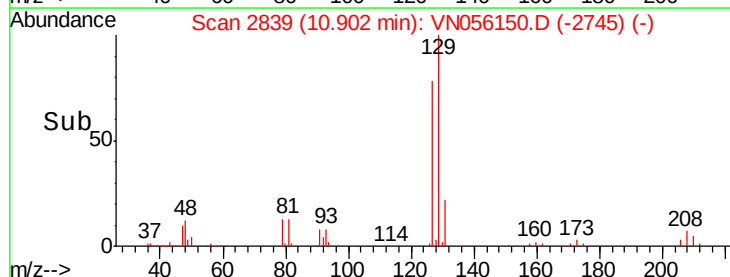
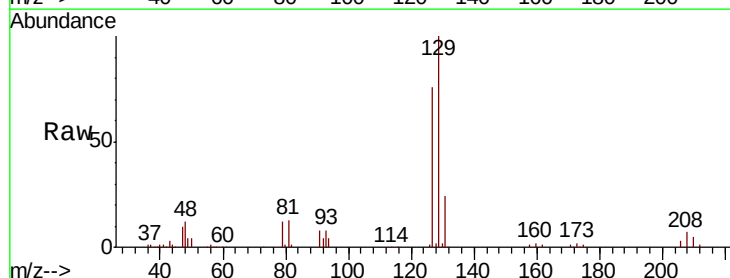
Instrument :
MSVOA_N
ClientSampled :

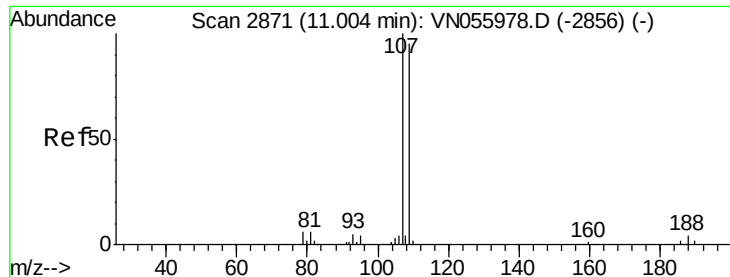
Tot Ion: 43 Resp: 620881
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.7



#60
Dibromochloromethane
Concen: 47.074 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 129 Resp: 138323
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

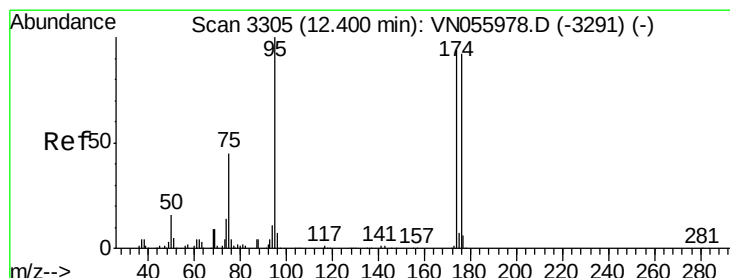
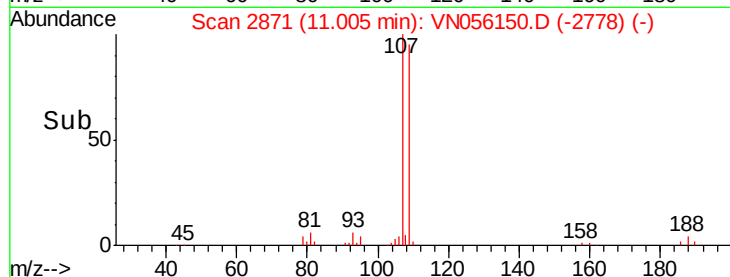
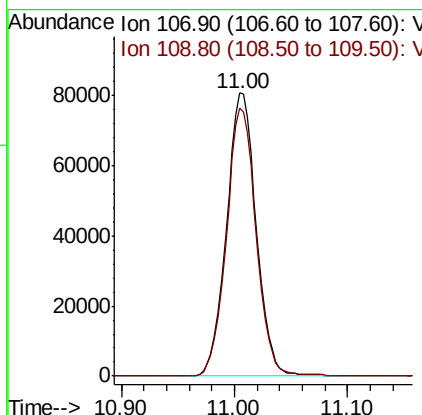
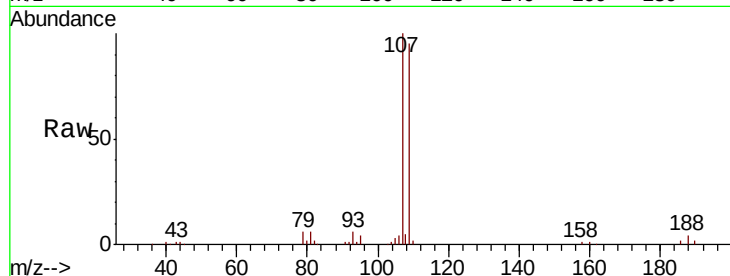




#61
 1,2-Dibromoethane
 Concen: 53.894 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

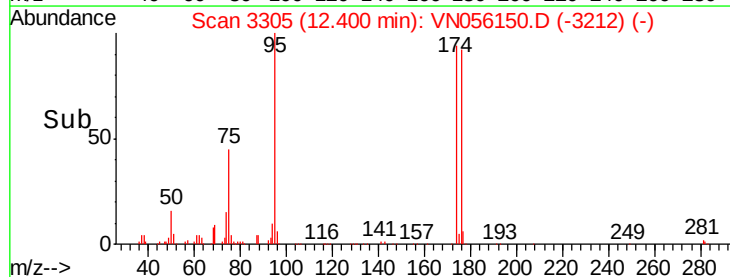
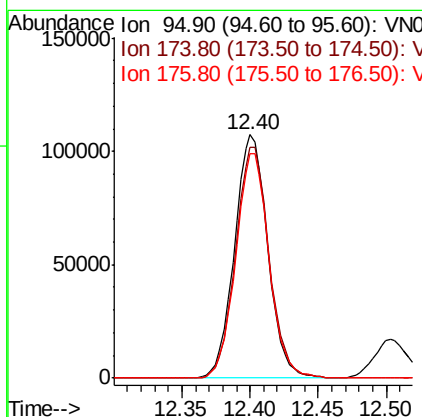
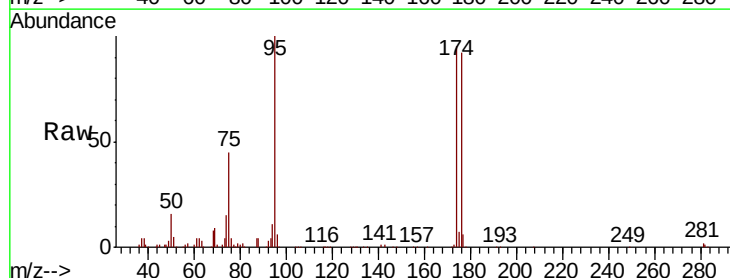
Instrument :
 MSVOA_N
 ClientSampleId :

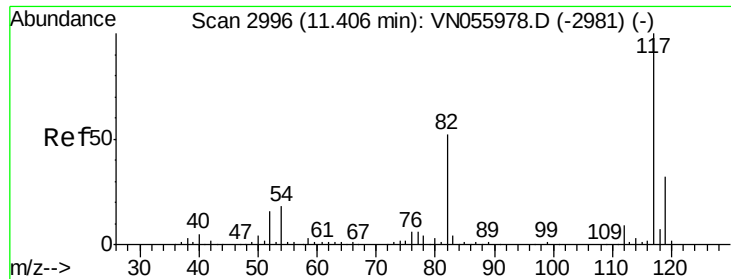
Tot Ion: 107 Resp: 147261
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 54.236 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion: 95 Resp: 180805
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.0
 176 92.9 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

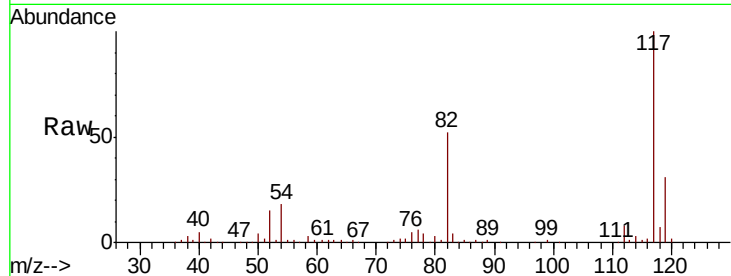
Tot Ion:117 Resp: 375588

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

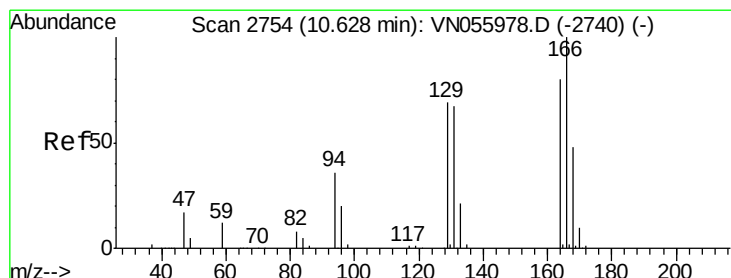
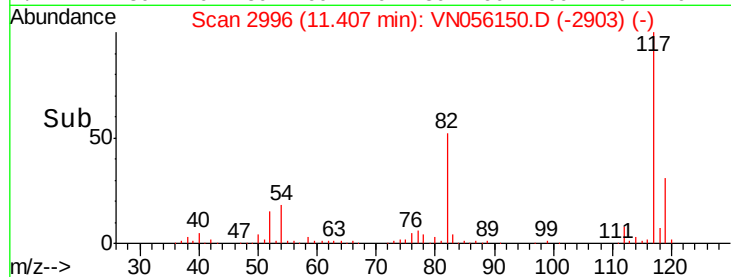
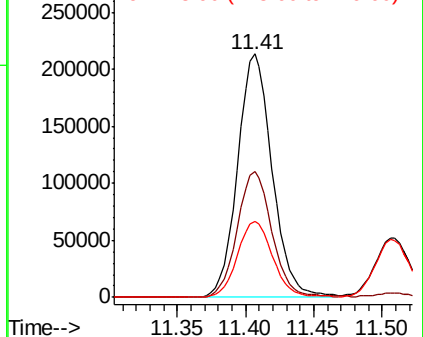
119 31.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.519 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Tgt Ion:164 Resp: 147990

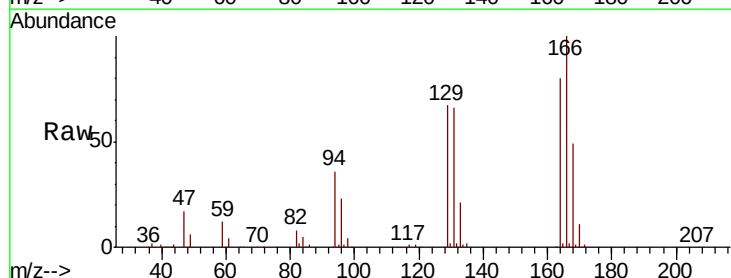
Ion Ratio Lower Upper

164 100

166 125.8 103.0 154.6

129 84.7 70.6 105.8

131 83.6 68.6 102.8

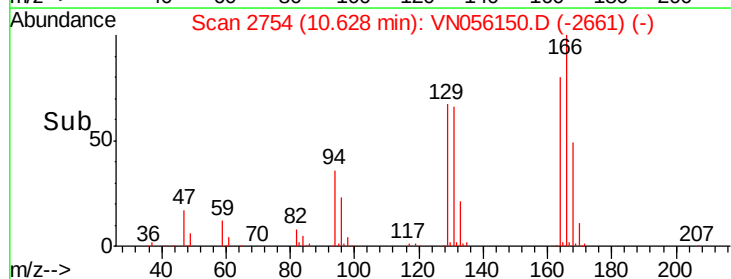
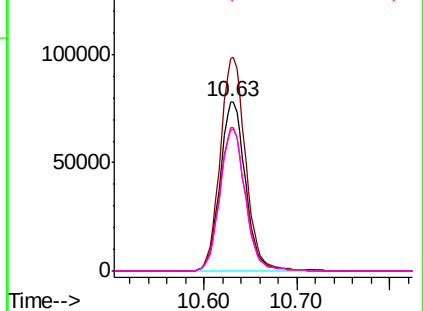


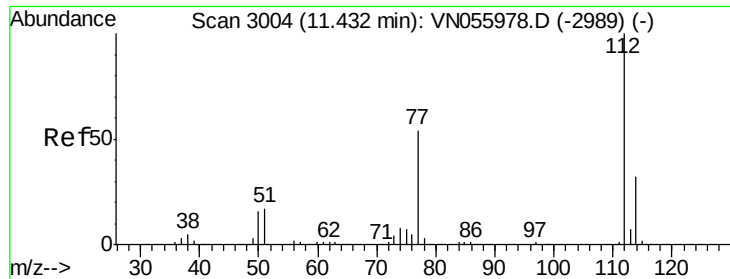
Abundance Ion 163.80 (163.50 to 164.50): V

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

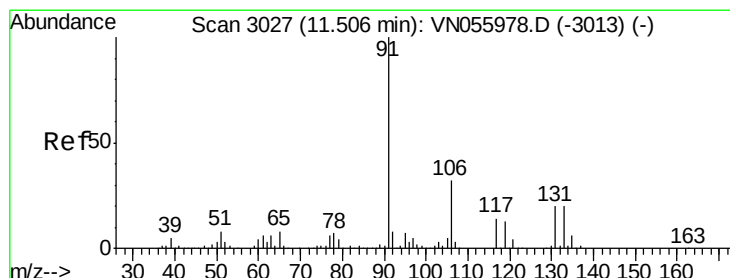
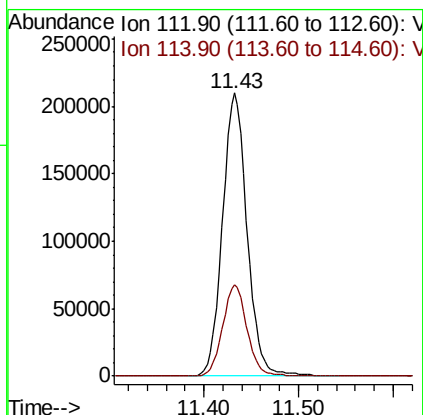
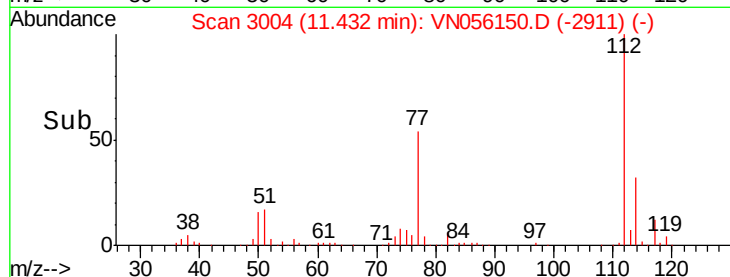
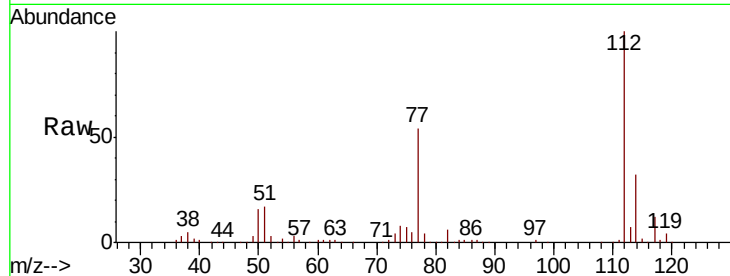




#65
Chlorobenzene
Concen: 50.588 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

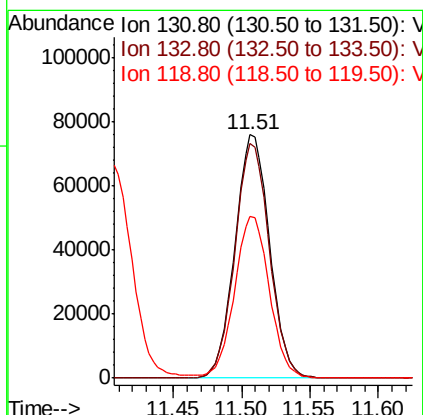
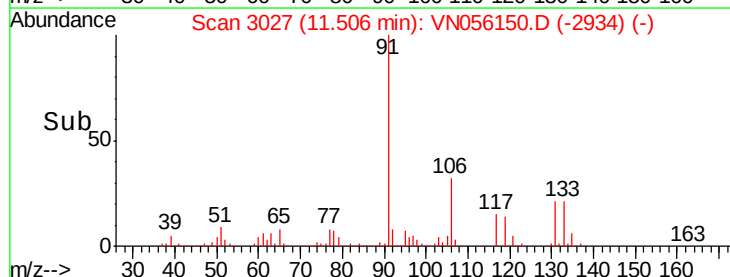
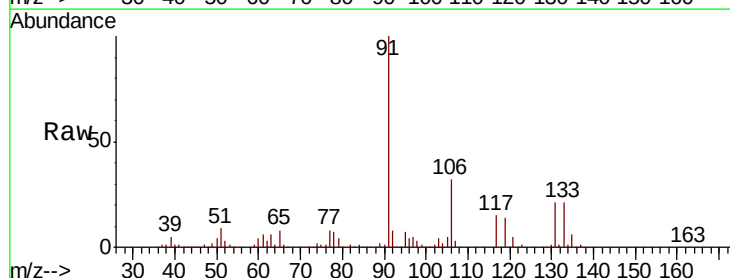
Instrument :
MSVOA_N
ClientSampled :

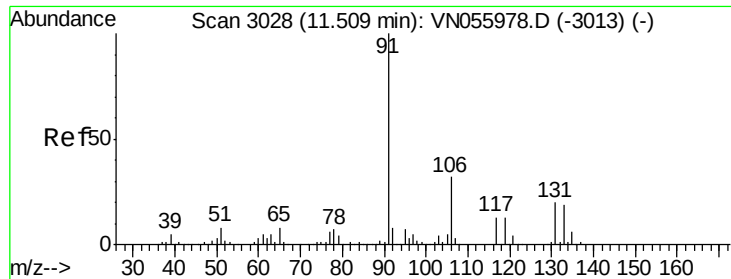
Tot Ion:112 Resp: 378145
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.970 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion:131 Resp: 134135
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 67.0 33.1 99.5

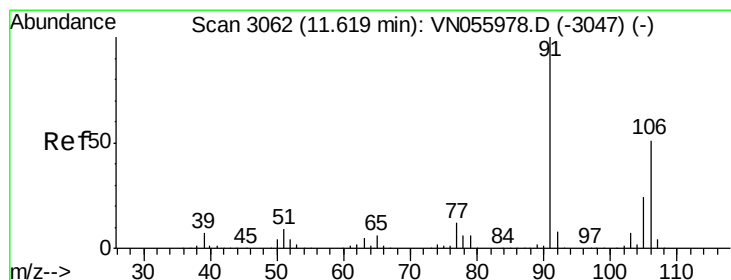
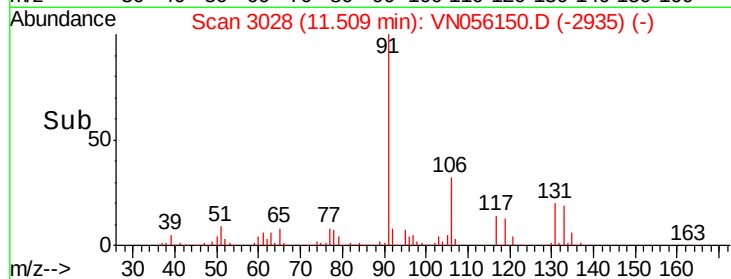
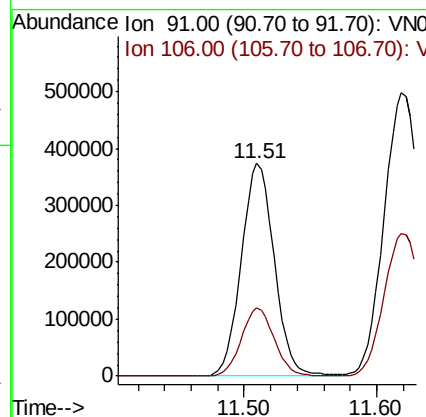
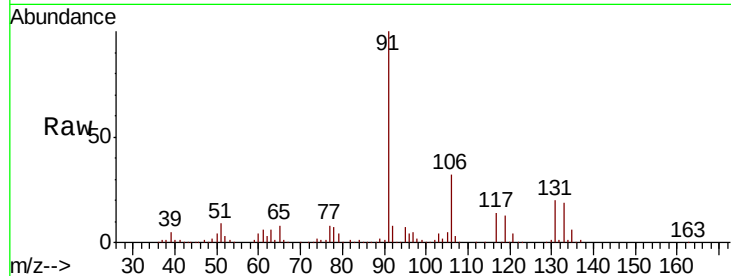




#67
Ethyl Benzene
Concen: 49.815 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

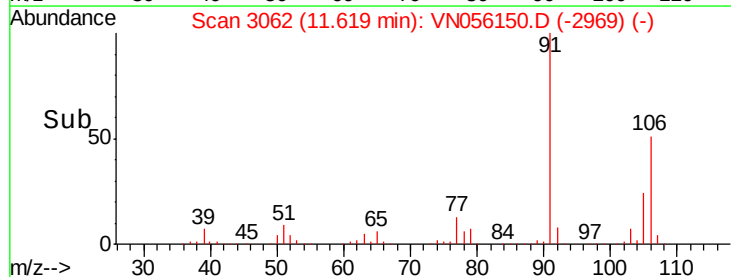
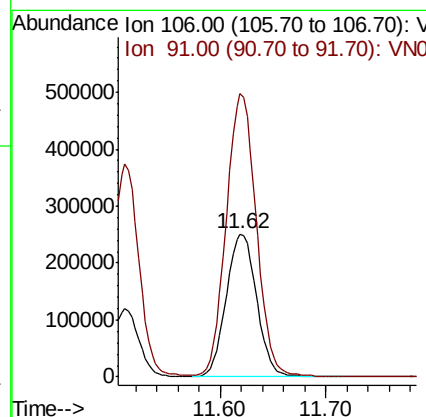
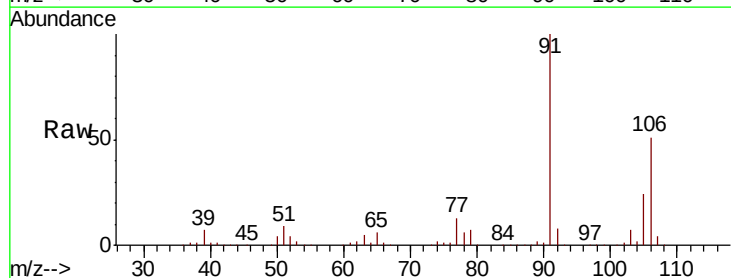
Instrument :
MSVOA_N
ClientSampled :

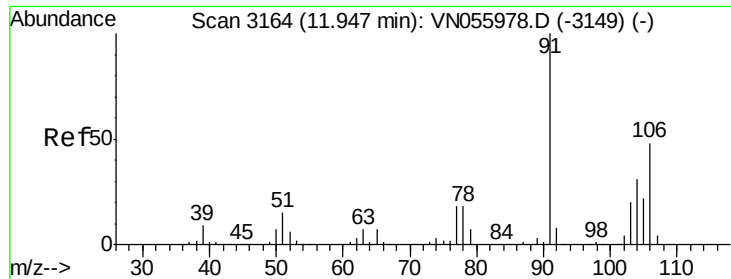
Tot Ion: 91 Resp: 647479
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 101.067 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion: 106 Resp: 501824
Ion Ratio Lower Upper
106 100
91 195.9 159.3 238.9

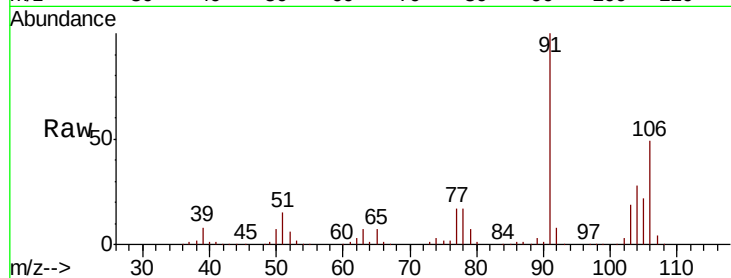




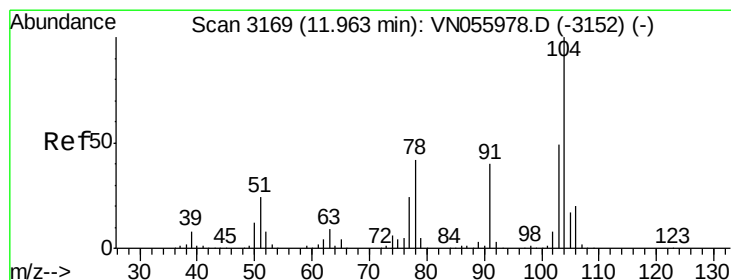
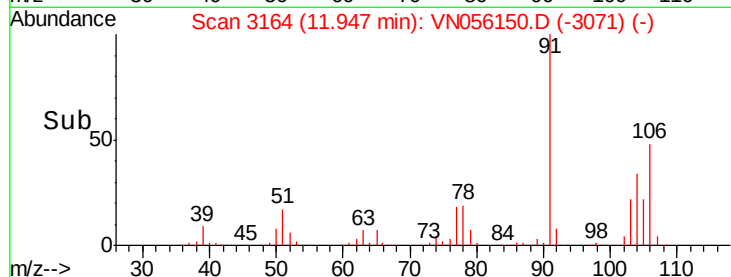
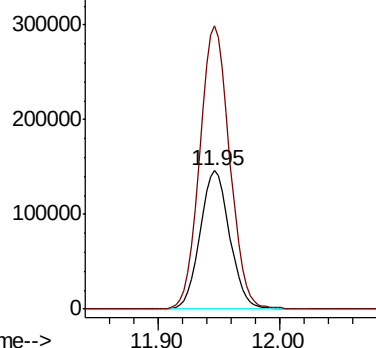
#69
o-Xylene
Concen: 50.879 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 248499
Ion Ratio Lower Upper
106 100
91 205.8 104.7 314.1

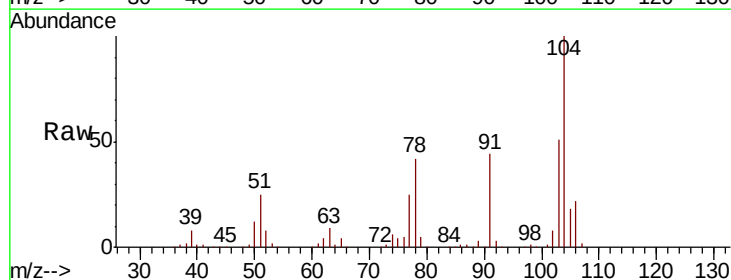


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

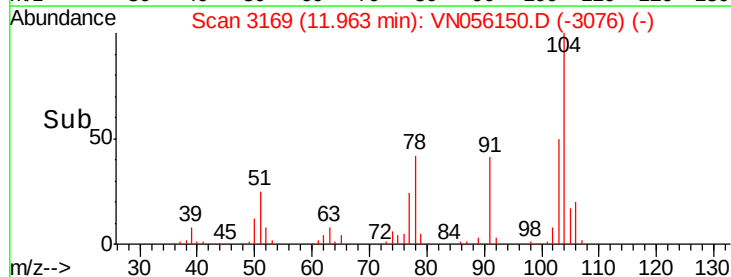
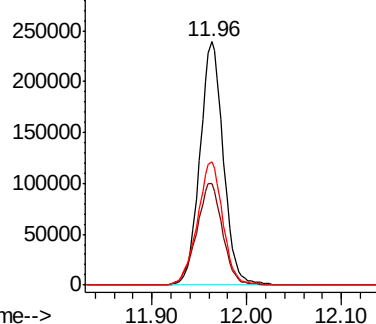


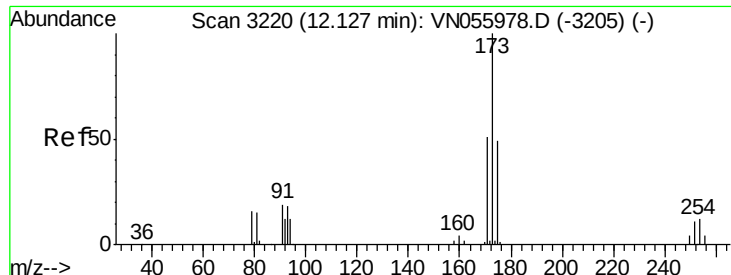
#70
Styrene
Concen: 53.028 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion:104 Resp: 411510
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.0 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

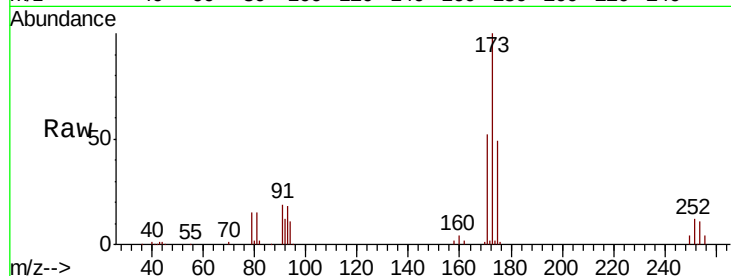




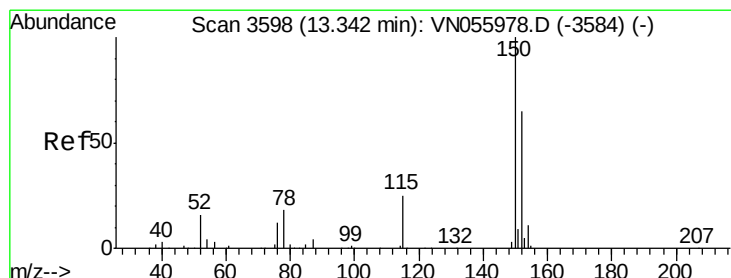
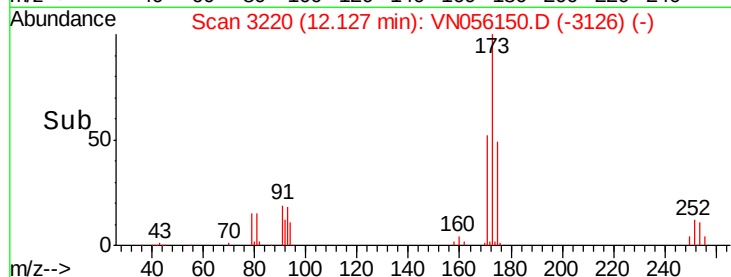
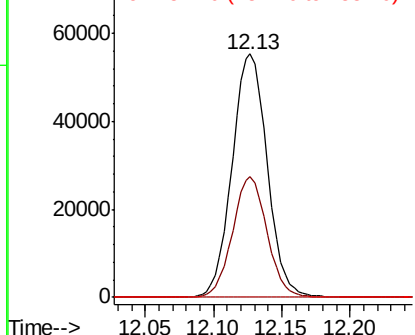
#71
Bromoform
Concen: 45.842 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 98812
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0

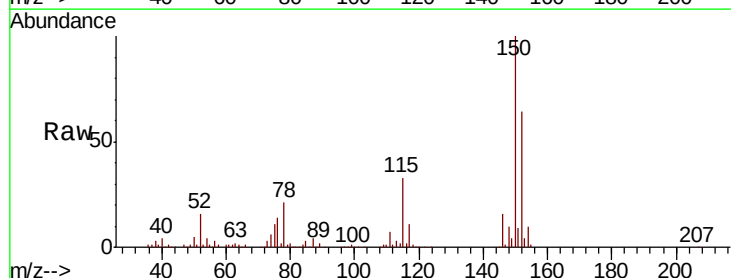


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

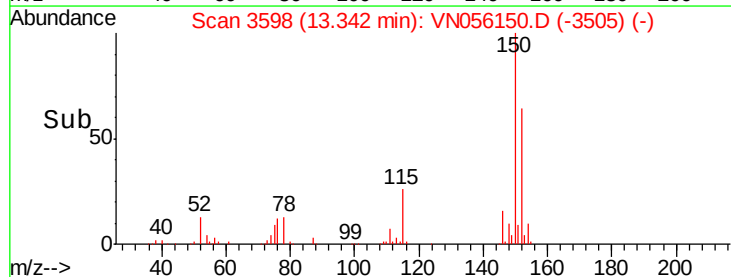
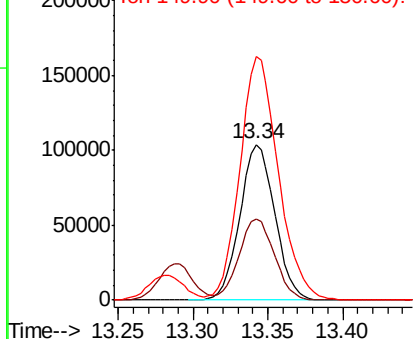


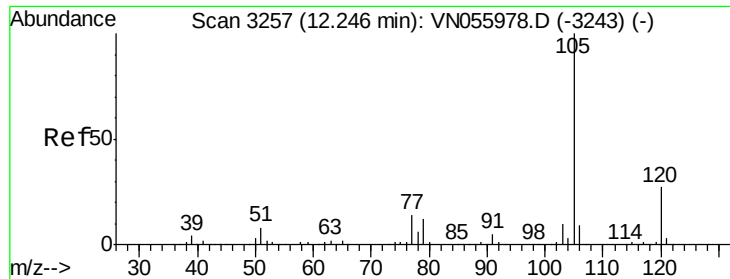
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056150.D
Acq: 8 Jun 2019 13:42

Tgt Ion:152 Resp: 168772
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 172.2 0.0 343.2



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





#73

Isopropylbenzene

Concen: 53.858 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

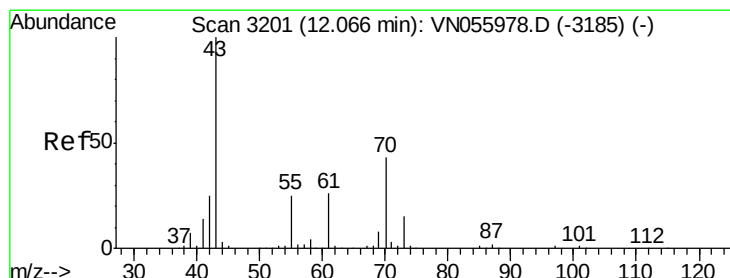
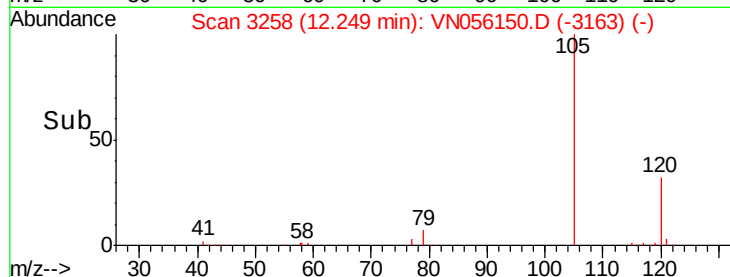
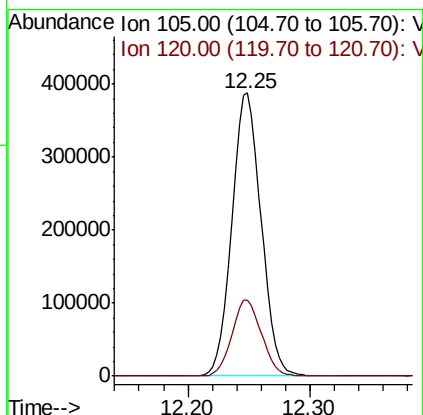
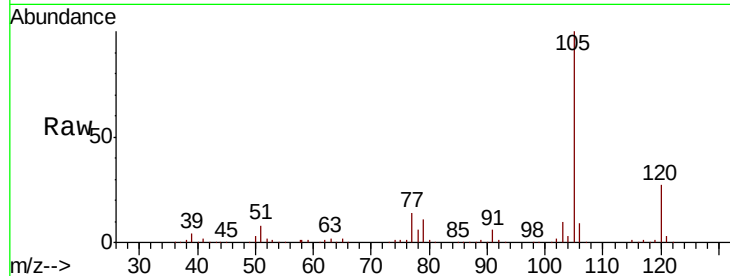
ClientSampled :

Tot Ion:105 Resp: 645674

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 34.100 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Tgt Ion: 43 Resp: 153413

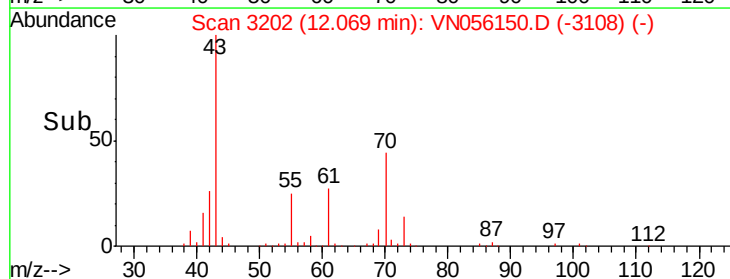
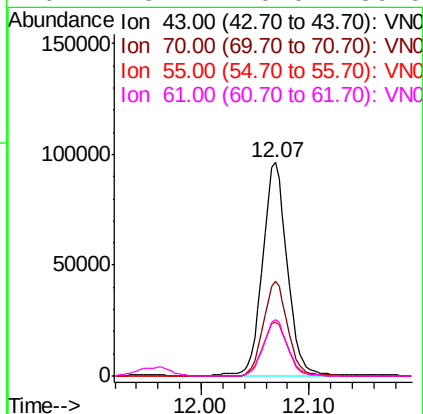
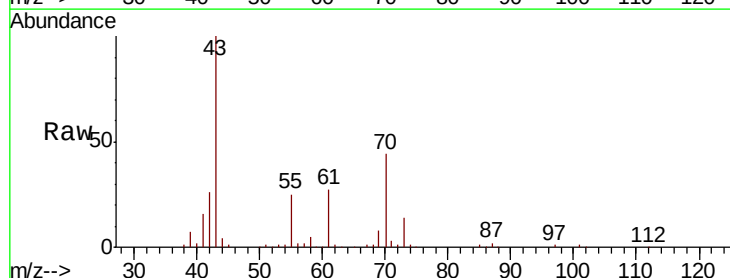
Ion Ratio Lower Upper

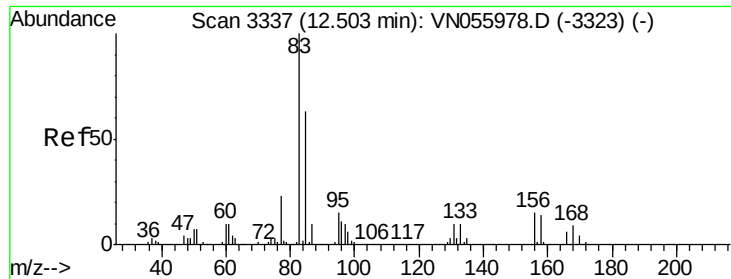
43 100

70 43.7 34.0 51.0

55 25.6 18.6 28.0

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.207 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

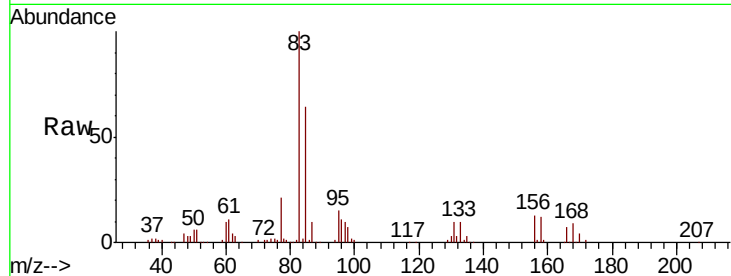
Tot Ion: 83 Resp: 200625

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

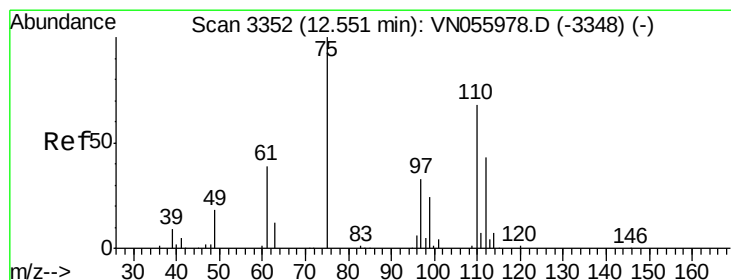
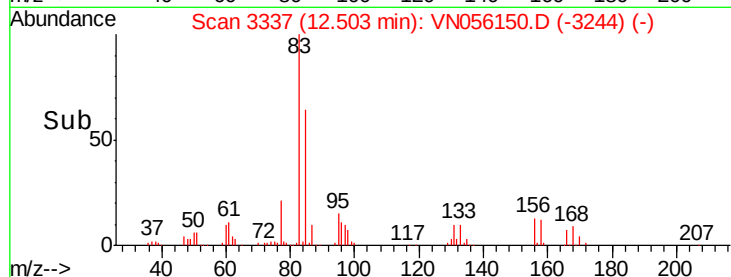
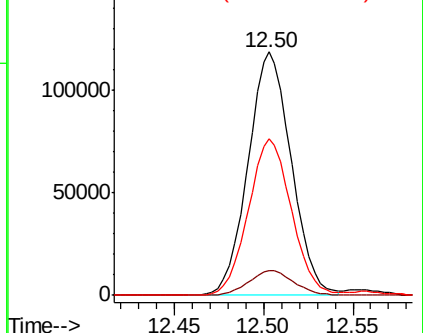
85 64.1 32.4 97.0



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: 69.426 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056150.D

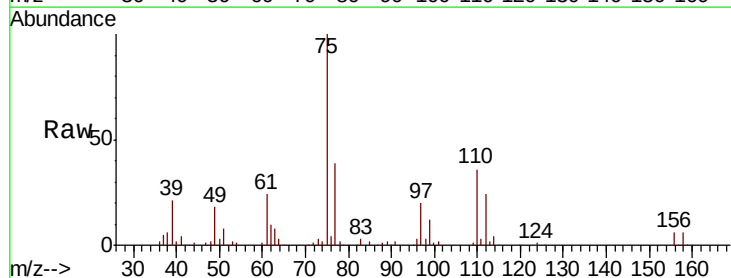
Acq: 8 Jun 2019 13:42

Tgt Ion: 75 Resp: 215601

Ion Ratio Lower Upper

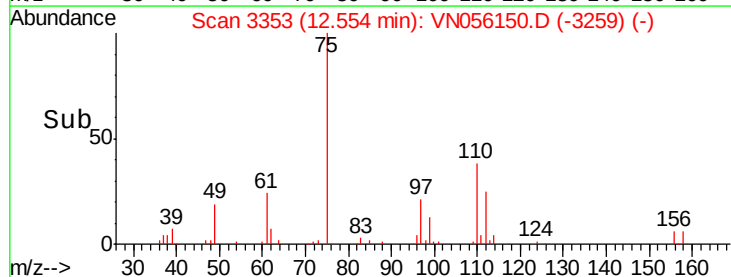
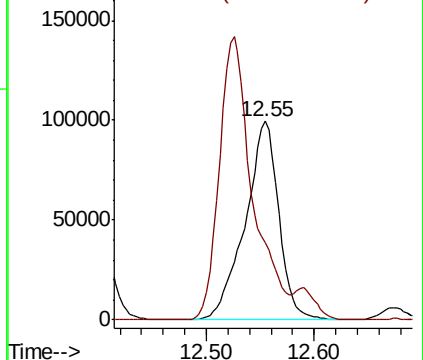
75 100

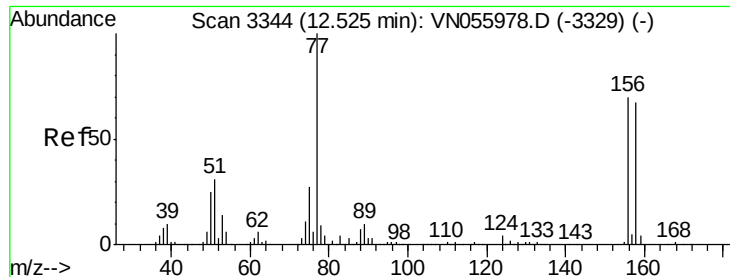
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.821 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

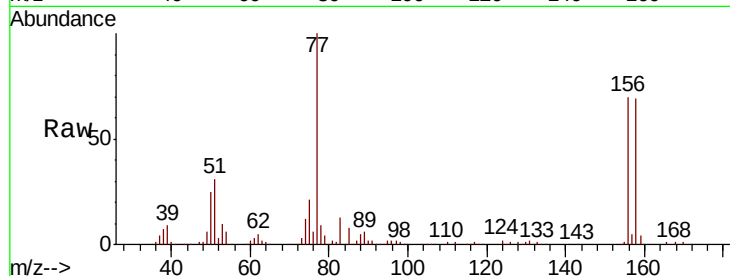
Tot Ion:156 Resp: 176408

Ion Ratio Lower Upper

156 100

77 172.1 90.8 272.5

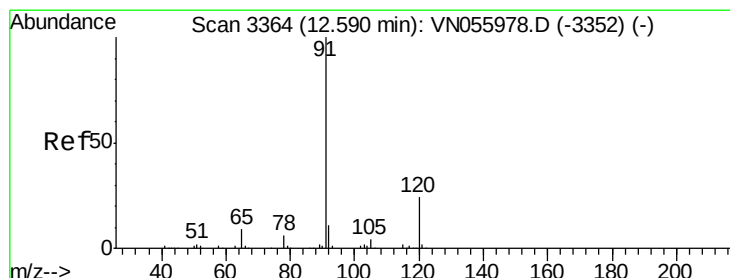
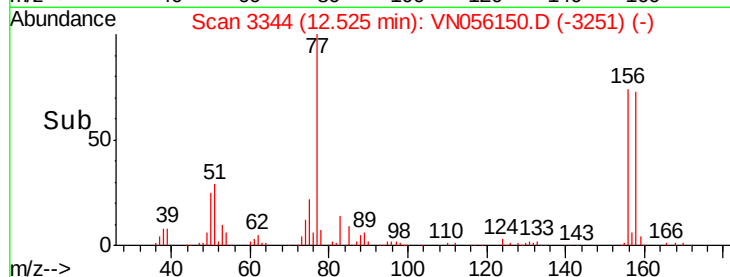
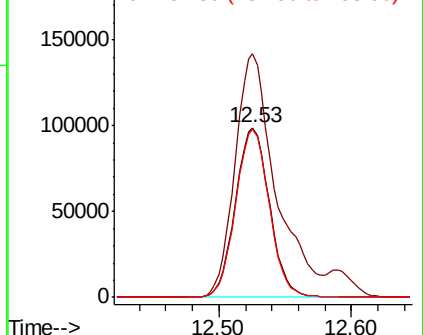
158 98.0 49.3 147.8



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: 47.843 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056150.D

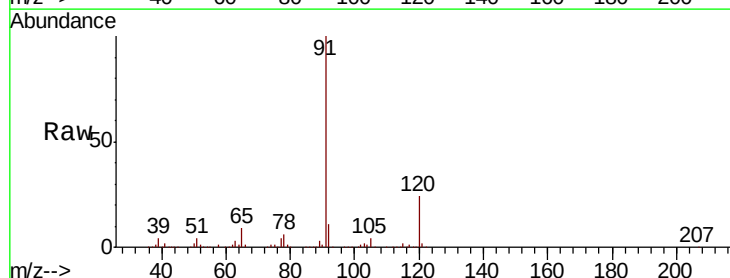
Acq: 8 Jun 2019 13:42

Tgt Ion: 91 Resp: 683096

Ion Ratio Lower Upper

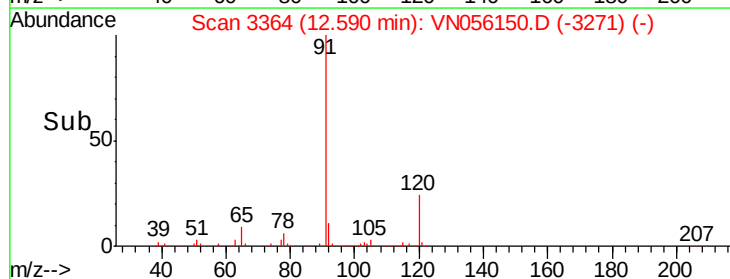
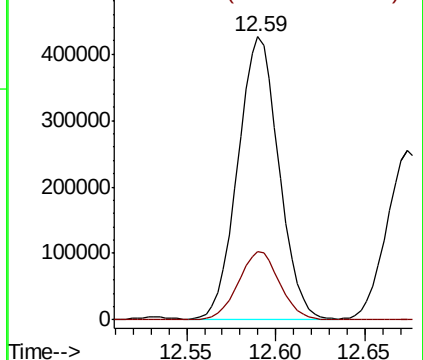
91 100

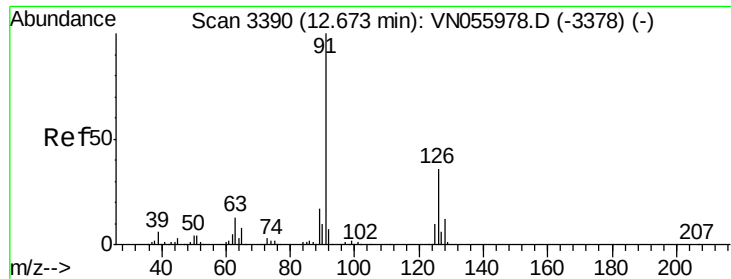
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.792 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

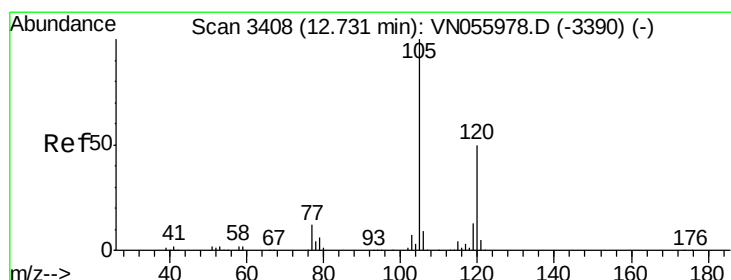
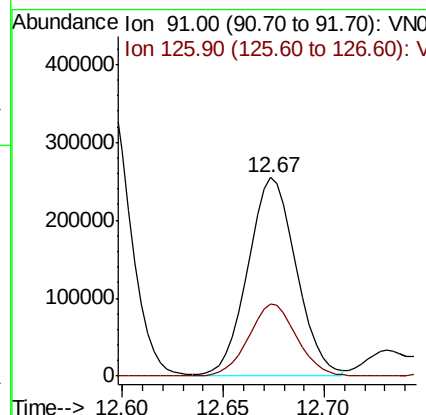
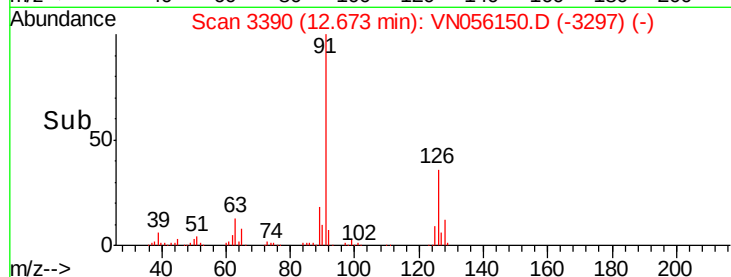
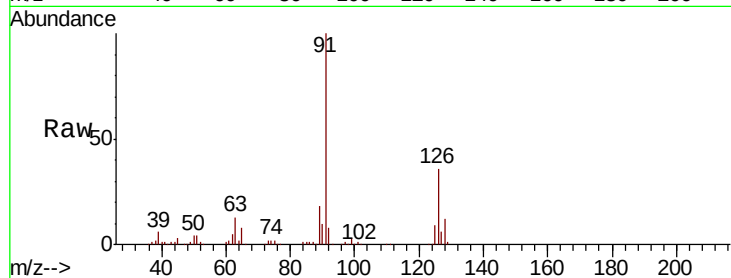
ClientSampled :

Tot Ion: 91 Resp: 424613

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.276 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056150.D

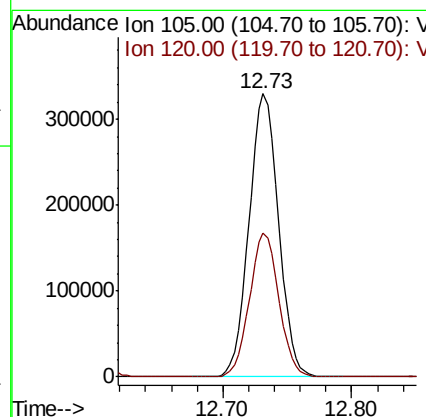
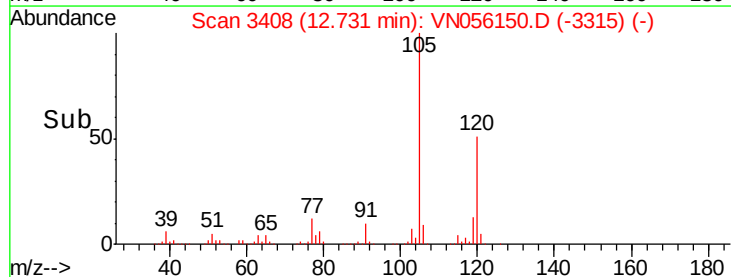
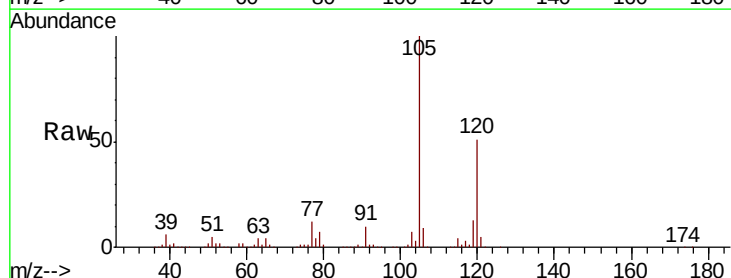
Acq: 8 Jun 2019 13:42

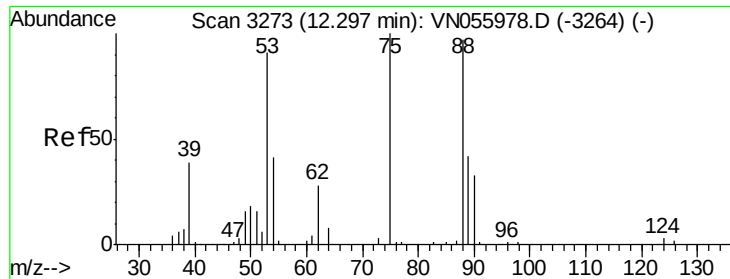
Tgt Ion: 105 Resp: 525115

Ion Ratio Lower Upper

105 100

120 50.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 35.709 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

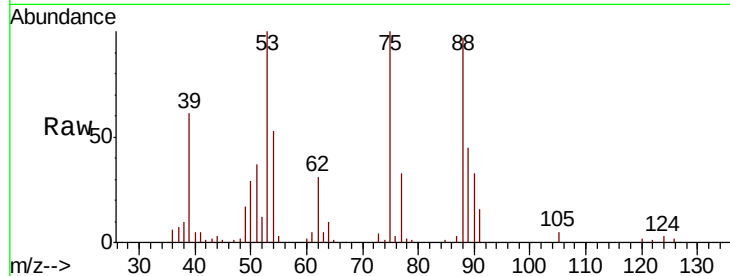
Tot Ion: 75 Resp: 33299

Ion Ratio Lower Upper

75 100

53 102.9 68.1 102.1#

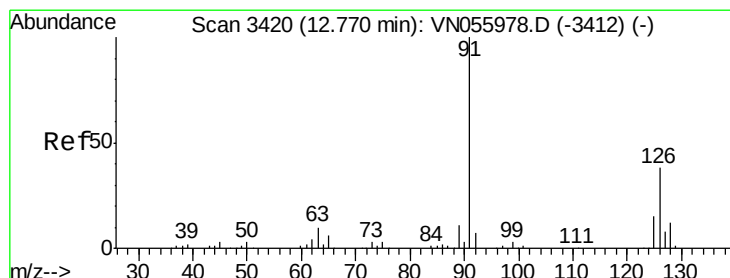
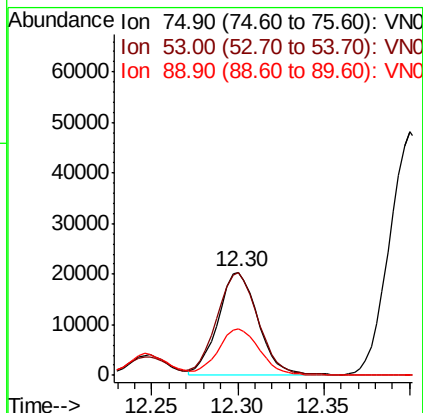
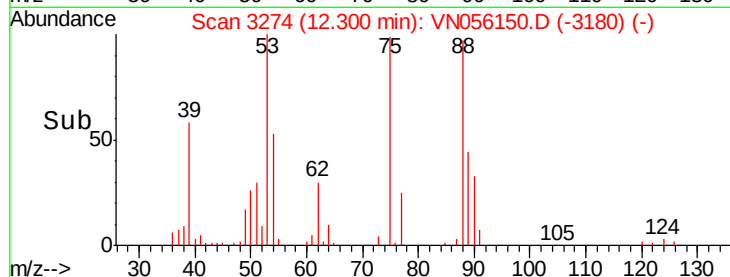
89 46.7 36.9 55.3



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: 48.570 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056150.D

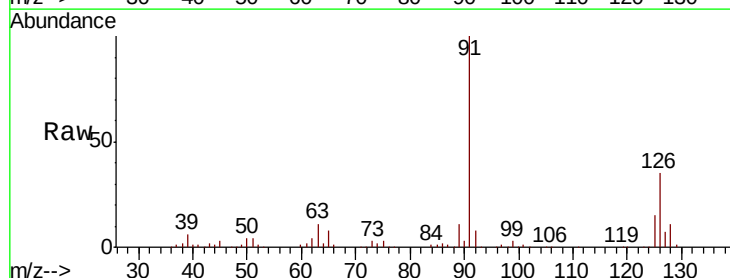
Acq: 8 Jun 2019 13:42

Tgt Ion: 91 Resp: 405718

Ion Ratio Lower Upper

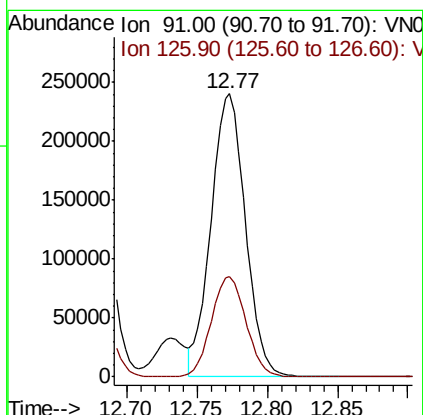
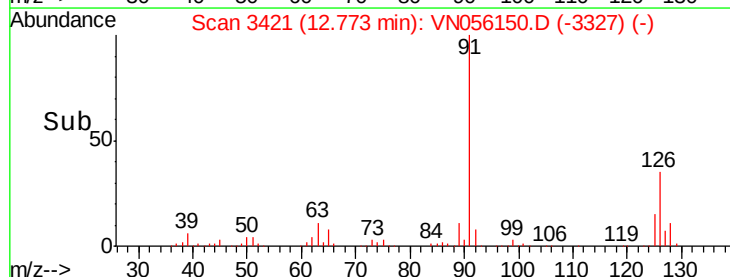
91 100

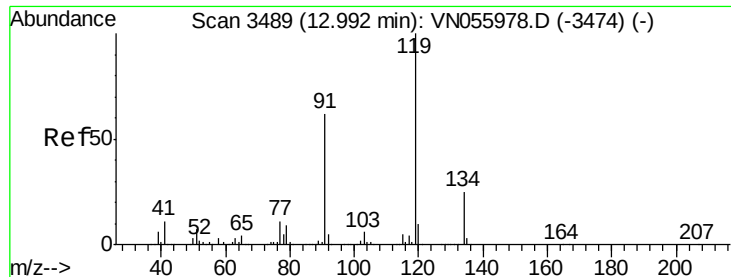
126 35.8 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

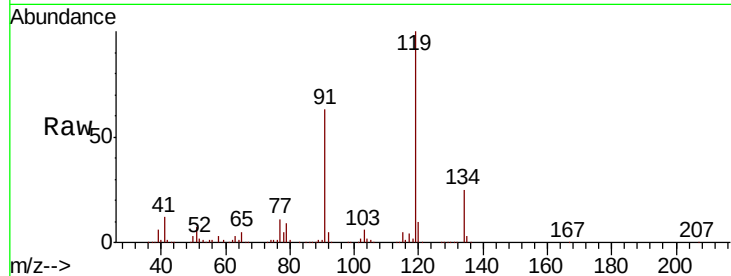




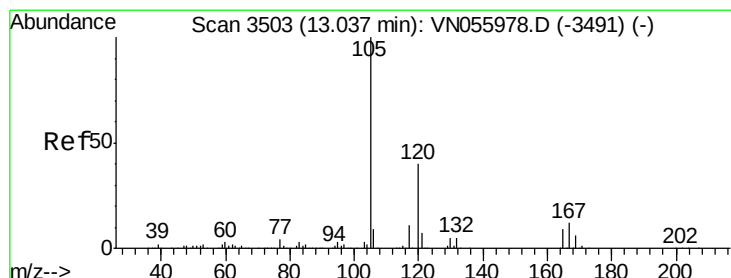
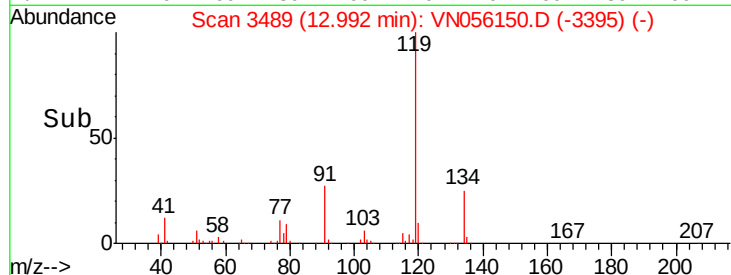
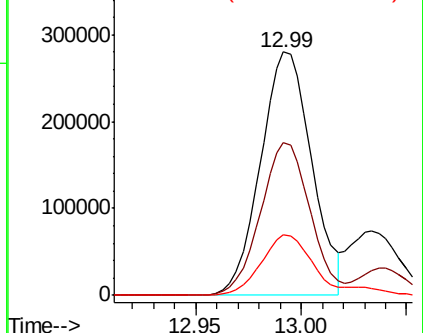
#83
 tert-Butylbenzene
 Concen: 53.882 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 472534
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.9 92.8
 134 27.0 13.3 39.8

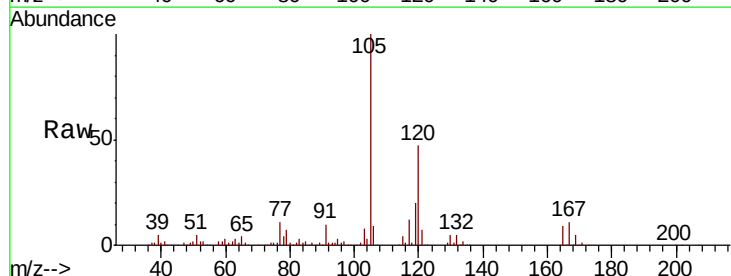


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

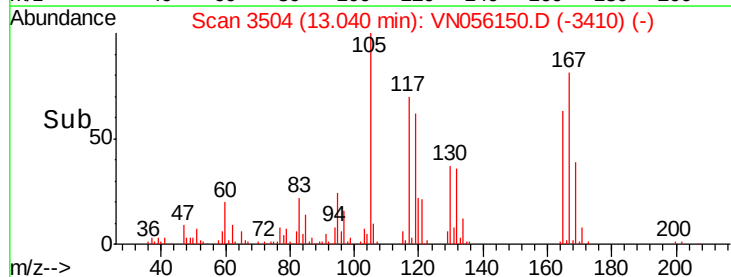
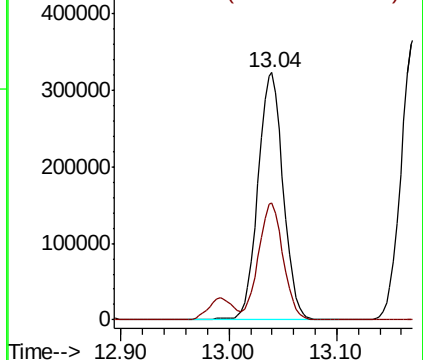


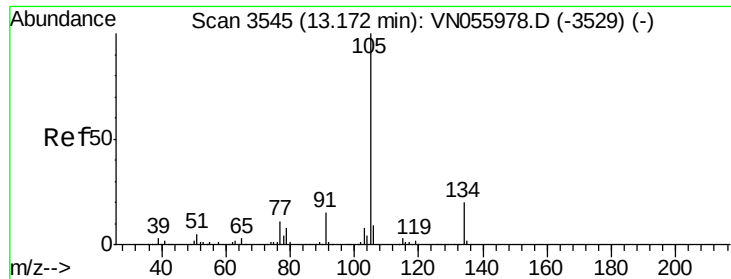
#84
 1,2,4-Trimethylbenzene
 Concen: 48.452 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion:105 Resp: 521392
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.204 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

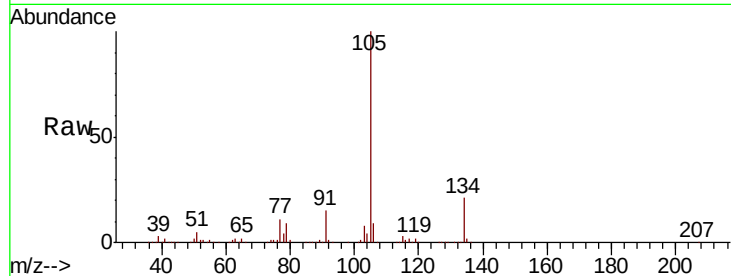
ClientSampleId :

Tot Ion:105 Resp: 596871

Ion Ratio Lower Upper

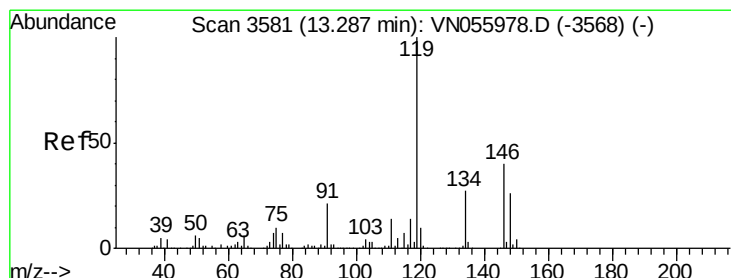
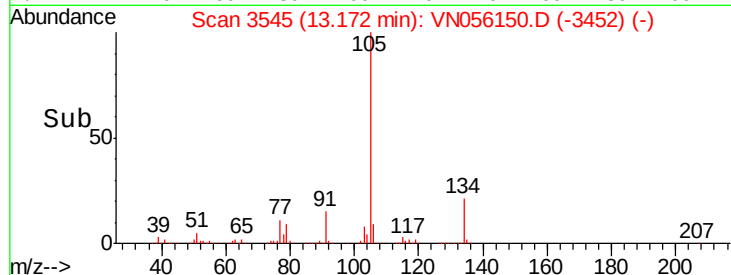
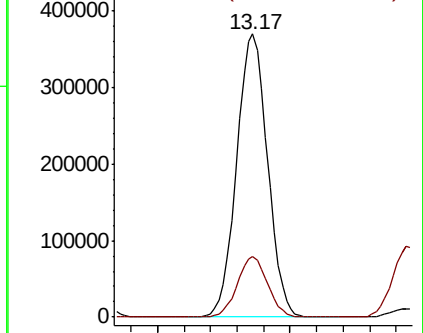
105 100

134 20.9 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: 47.177 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

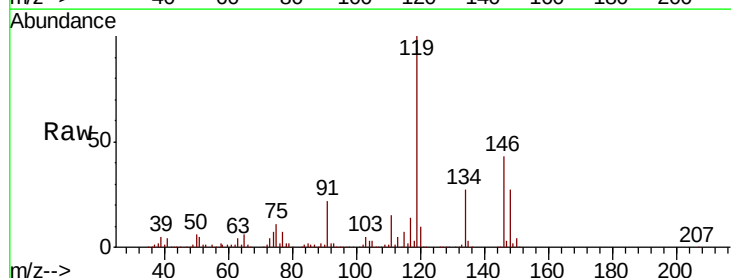
Tgt Ion:119 Resp: 533870

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

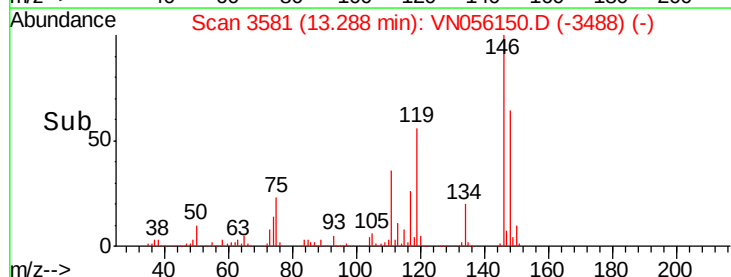
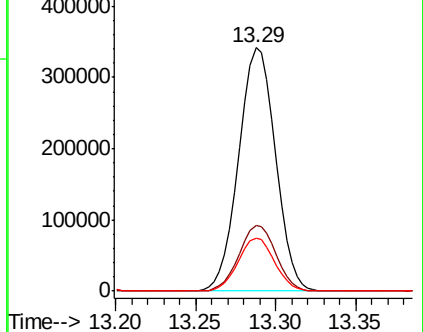
91 21.6 10.9 32.9

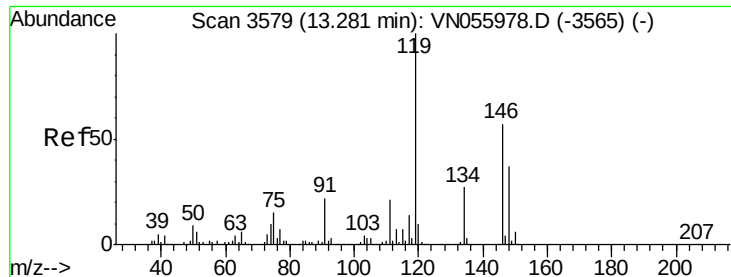


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.078 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

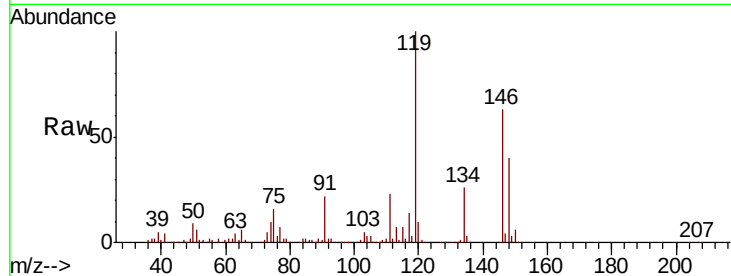
Tot Ion:146 Resp: 280061

Ion Ratio Lower Upper

146 100

111 36.3 18.5 55.5

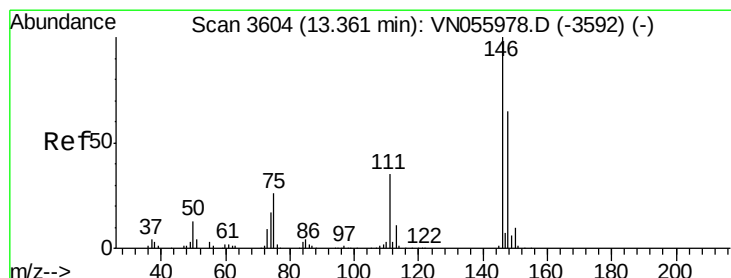
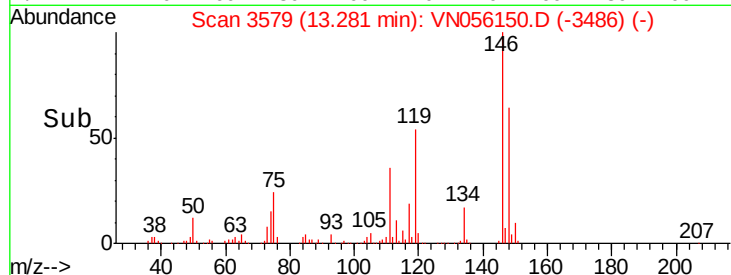
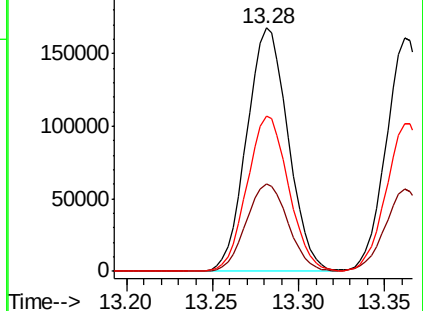
148 63.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.639 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

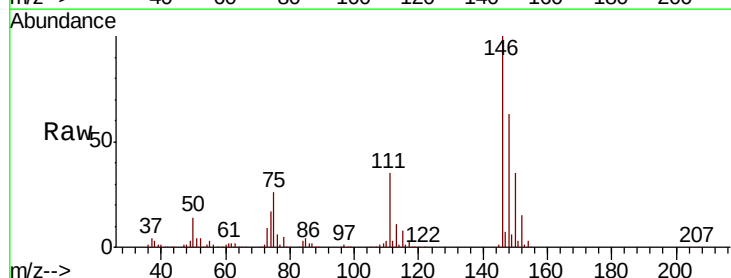
Tgt Ion:146 Resp: 267042

Ion Ratio Lower Upper

146 100

111 35.5 18.1 54.4

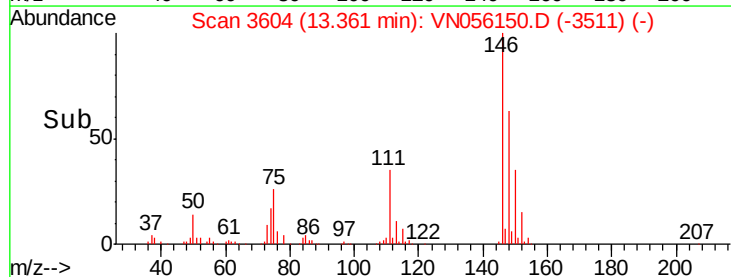
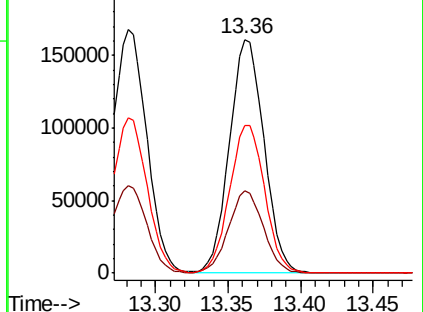
148 64.2 32.1 96.5

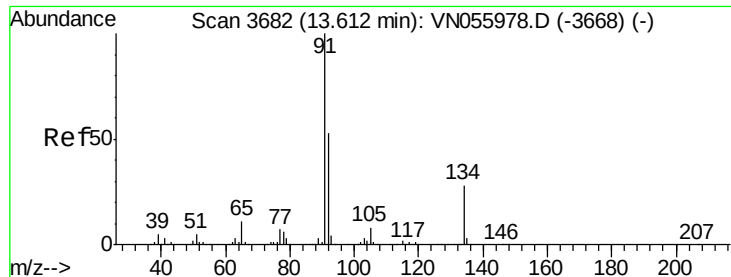


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.295 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

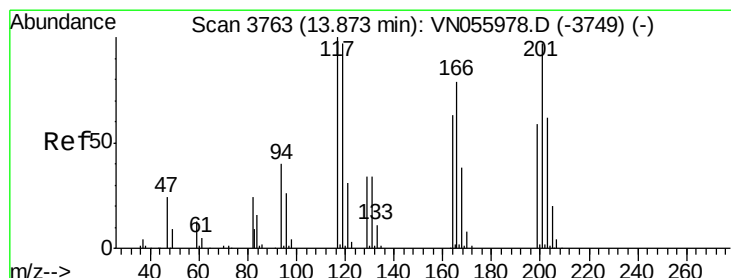
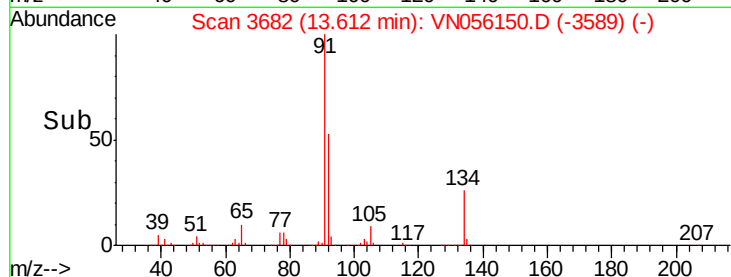
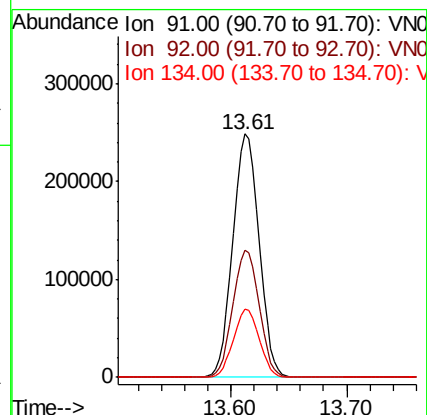
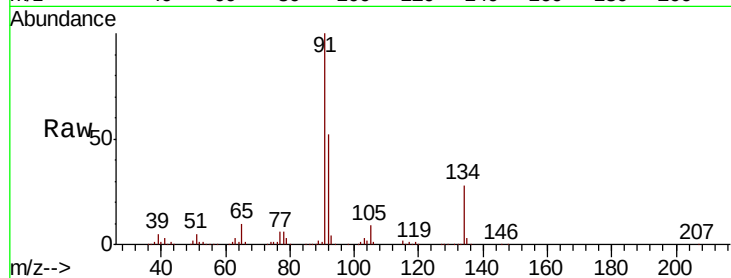
Tot Ion: 91 Resp: 388090

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 27.6 13.9 41.7



#90

Hexachloroethane

Concen: 47.571 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056150.D

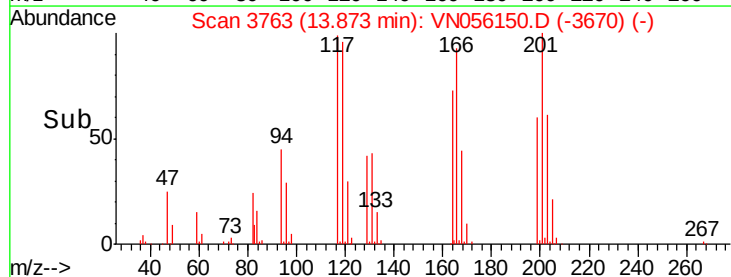
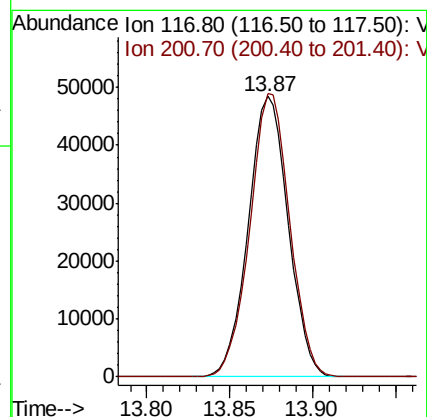
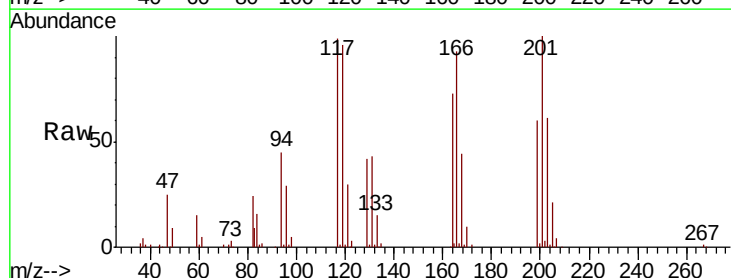
Acq: 8 Jun 2019 13:42

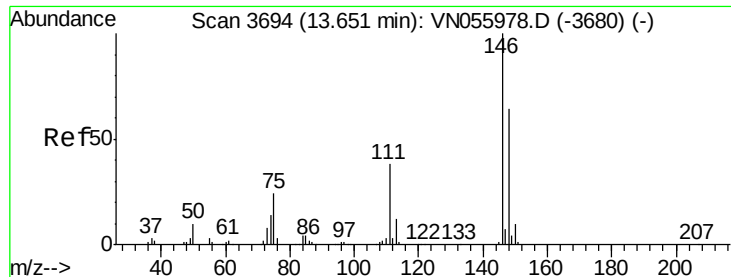
Tgt Ion: 117 Resp: 81185

Ion Ratio Lower Upper

117 100

201 100.5 50.0 150.0

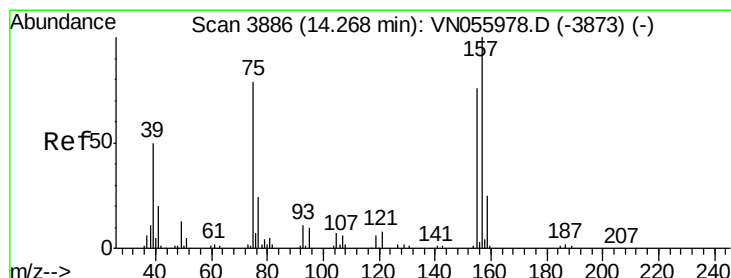
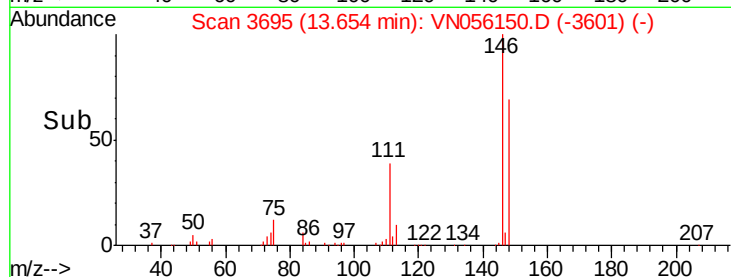
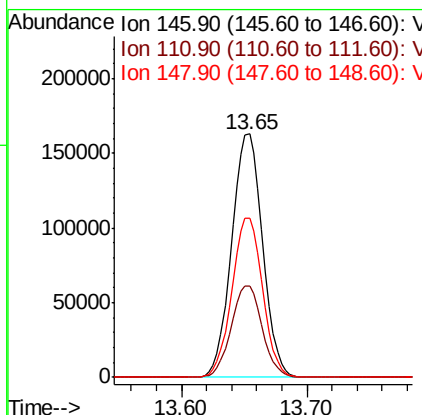
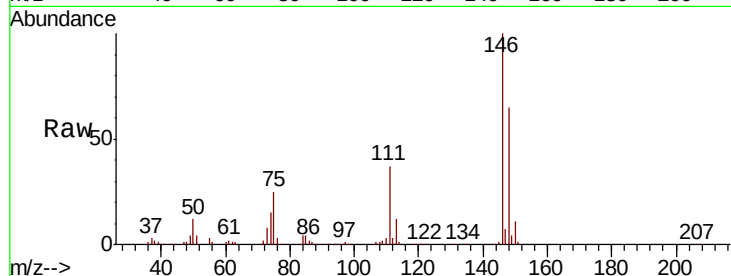




#91
 1,2-Dichlorobenzene
 Concen: 49.438 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

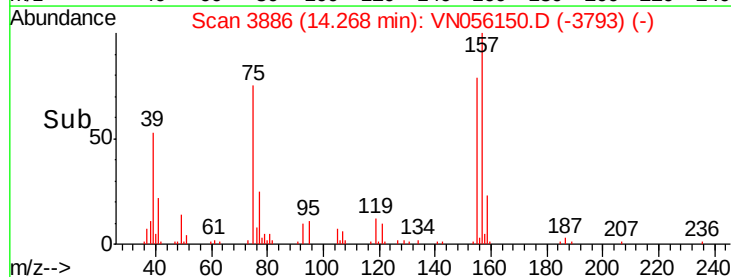
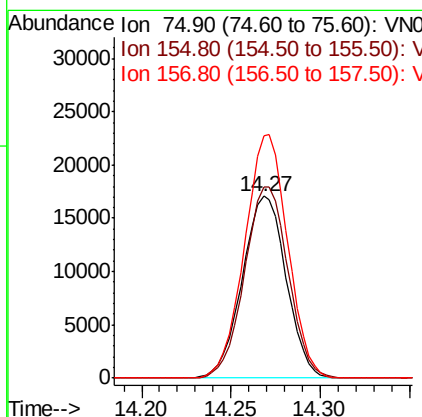
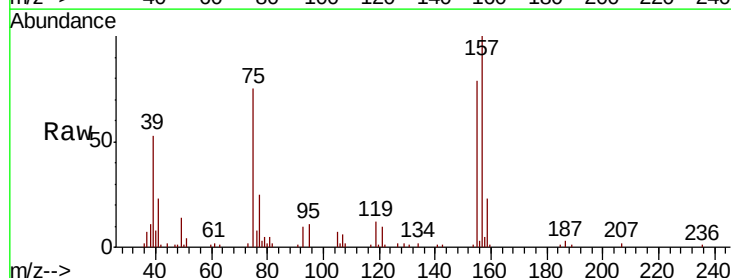
Instrument :
 MSVOA_N
 ClientSampled :

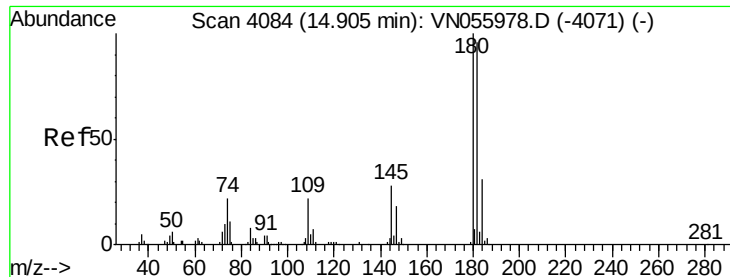
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.411 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.4	50.0	150.1
157	131.1	64.8	194.3

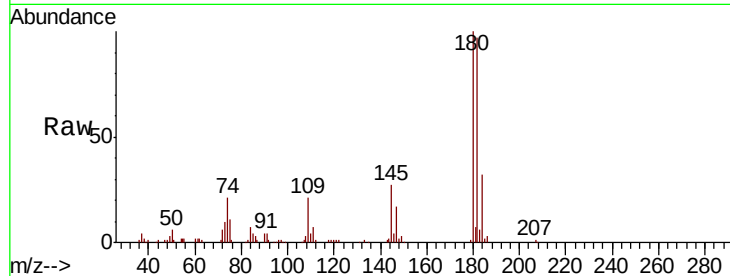




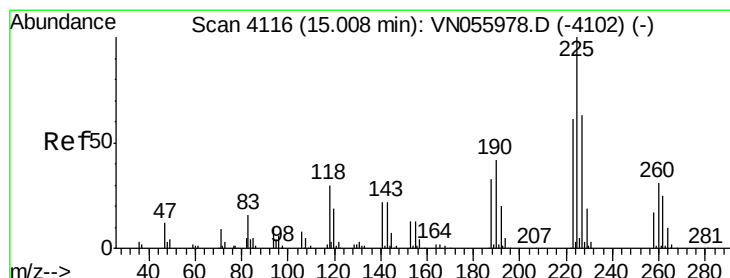
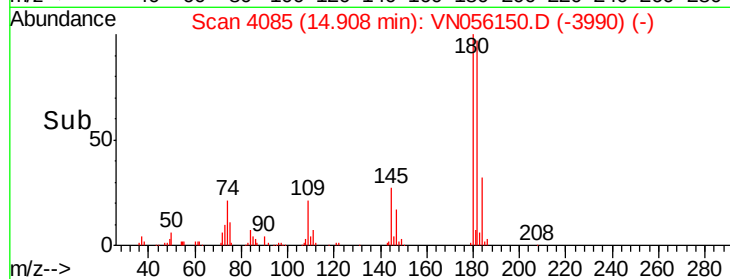
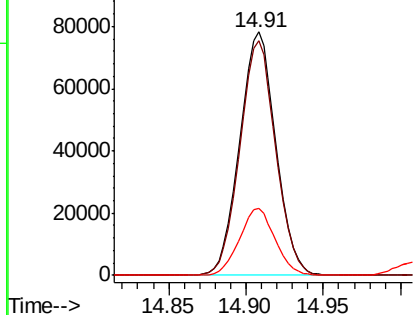
#93
 1,2,4-Trichlorobenzene
 Concen: 41.497 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 126645
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.3 144.9
 145 27.1 14.0 41.9

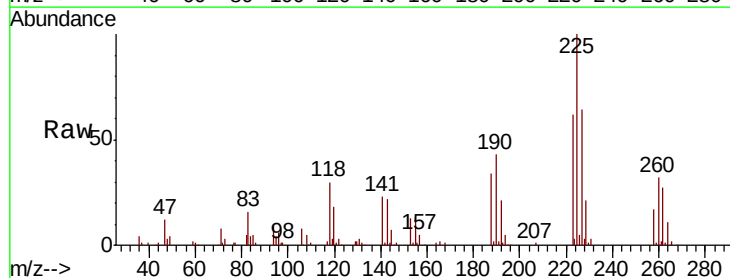


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

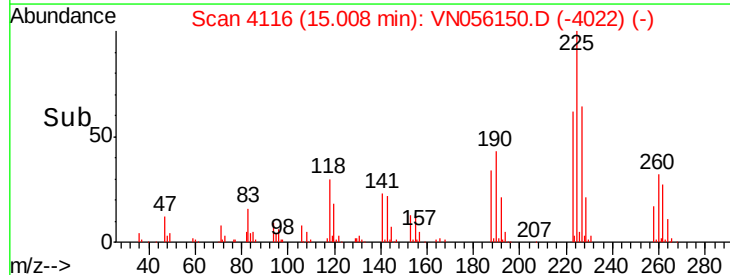
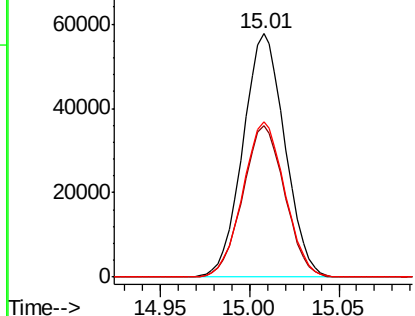


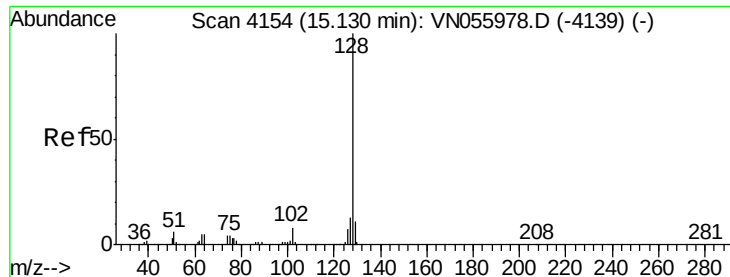
#94
 Hexachlorobutadiene
 Concen: 48.985 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056150.D
 Acq: 8 Jun 2019 13:42

Tgt Ion:225 Resp: 94942
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.9 92.7
 227 64.0 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: 42.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

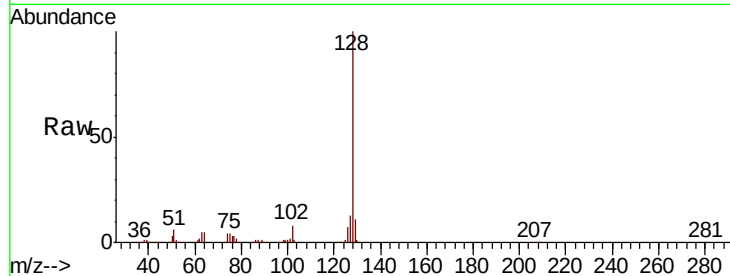
Tot Ion:128 Resp: 342071

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

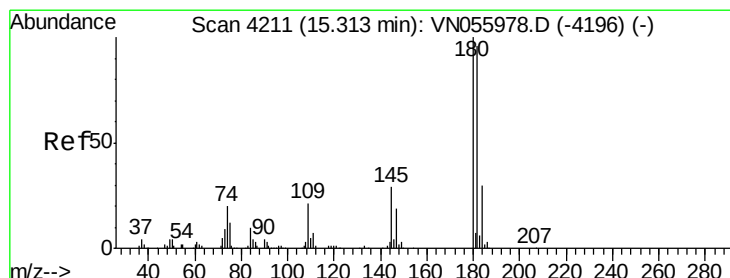
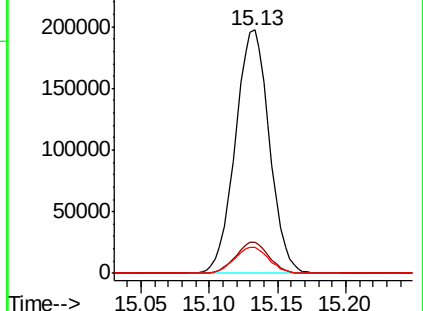
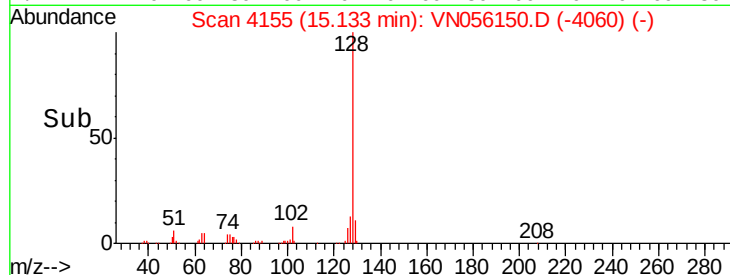
129 10.9 8.7 13.1



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: 45.212 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056150.D

Acq: 8 Jun 2019 13:42

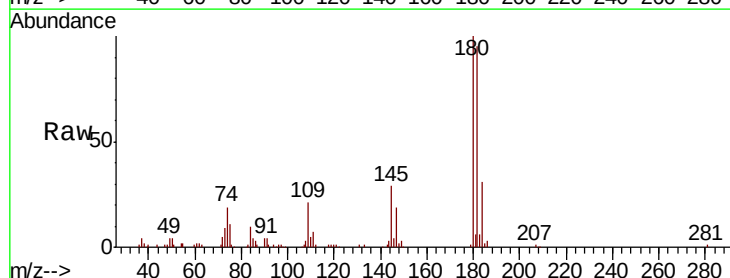
Tgt Ion:180 Resp: 142382

Ion Ratio Lower Upper

180 100

182 94.8 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

