

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055751.D
 Acq On : 23 May 2019 14:03
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 06:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	378782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	535656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	189750	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
35) Dibromofluoromethane	7.59	113	170012	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	10.09	98	646926	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	225257	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	116415	45.666	ug/l	100
3) Chloromethane	2.06	50	160930	45.057	ug/l	98
4) Vinyl Chloride	2.19	62	172788	45.356	ug/l	99
5) Bromomethane	2.54	94	112356	47.142	ug/l	100
6) Chloroethane	2.69	64	107911	47.048	ug/l	99
7) Trichlorofluoromethane	3.01	101	233894	46.830	ug/l	99
8) Diethyl Ether	3.40	74	103201	46.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	150211	48.180	ug/l	99
10) Methyl Iodide	3.94	142	221959	48.695	ug/l	100
11) Tert butyl alcohol	4.81	59	180194	241.092	ug/l	100
12) 1,1-Dichloroethene	3.72	96	149942	46.545	ug/l	98
13) Acrolein	3.60	56	118535	221.488	ug/l	98
14) Allyl chloride	4.31	41	260145	47.107	ug/l	100
15) Acrylonitrile	4.99	53	398600	232.252	ug/l	100
16) Acetone	3.82	43	414650	241.142	ug/l	98
17) Carbon Disulfide	4.04	76	413491	45.178	ug/l	99
18) Methyl Acetate	4.33	43	166042	47.433	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	498693	46.416	ug/l	99
20) Methylene Chloride	4.55	84	168079	45.135	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	161035	46.530	ug/l	97
22) Diisopropyl ether	5.96	45	497882	46.353	ug/l	98
23) Vinyl Acetate	5.90	43	2174063	236.075	ug/l	100
24) 1,1-Dichloroethane	5.84	63	287225	45.928	ug/l	99
25) 2-Butanone	6.84	43	569506	237.151	ug/l	99
26) 2,2-Dichloropropane	6.82	77	256901	47.466	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	188883	46.780	ug/l	99
28) Bromochloromethane	7.19	49	142802	47.960	ug/l	100
29) Tetrahydrofuran	7.22	42	349650	229.916	ug/l	99
30) Chloroform	7.37	83	291399	46.723	ug/l	100
31) Cyclohexane	7.65	56	271181	46.187	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	260832	46.866	ug/l	99
36) 1,1-Dichloropropene	7.79	75	222527	47.671	ug/l	100
37) Ethyl Acetate	6.93	43	217835	48.283	ug/l	99
38) Carbon Tetrachloride	7.77	117	228494	46.992	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	287502	49.736	ug/l	99
40) Benzene	8.04	78	672305	47.788	ug/l	100
41) Methacrylonitrile	7.18	41	95359	41.837	ug/l	89
42) 1,2-Dichloroethane	8.12	62	218955	47.629	ug/l	99
43) Isopropyl Acetate	8.17	43	356815	47.071	ug/l #	92
44) Trichloroethene	8.83	130	194679	49.637	ug/l	100
45) 1,2-Dichloropropane	9.12	63	175536	47.889	ug/l	99
46) Dibromomethane	9.21	93	116627	48.517	ug/l	98
47) Bromodichloromethane	9.40	83	236134	47.906	ug/l	99
48) Methyl methacrylate	9.20	41	174254	49.878	ug/l	99
49) 1,4-Dioxane	9.20	88	72025	992.082	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1067504	238.444	ug/l	99
52) Toluene	10.16	92	430270	48.629	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	261566	49.713	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	286905	49.223	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	170150	48.002	ug/l	99
56) Ethyl methacrylate	10.43	69	267992	48.920	ug/l	99
57) 1,3-Dichloropropane	10.71	76	276870	48.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	512053	244.589	ug/l	100
59) 2-Hexanone	10.75	43	782065	246.243	ug/l	100
60) Dibromochloromethane	10.90	129	202939	49.146	ug/l	99
61) 1,2-Dibromoethane	11.00	107	178787	48.627	ug/l	98
64) Tetrachloroethene	10.63	164	192838	48.168	ug/l	97
65) Chlorobenzene	11.43	112	462904	48.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	181536	47.900	ug/l	99
67) Ethyl Benzene	11.51	91	825782	48.460	ug/l	99
68) m/p-Xylenes	11.62	106	633750	98.376	ug/l	99
69) o-Xylene	11.95	106	311004	48.660	ug/l	99
70) Styrene	11.96	104	520569	50.295	ug/l	100
71) Bromoform	12.13	173	161696	50.020	ug/l #	100
73) Isopropylbenzene	12.25	105	819839	51.288	ug/l	100
74) N-amyl acetate	12.07	43	299540	49.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	237965	50.210	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	294764	77.828	ug/l #	100
77) Bromobenzene	12.53	156	213208	44.402	ug/l	99
78) n-propylbenzene	12.59	91	882018	45.099	ug/l	100
79) 2-Chlorotoluene	12.67	91	528535	50.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	673779	50.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	77631	46.418	ug/l	99
82) 4-Chlorotoluene	12.77	91	523536	45.540	ug/l	99
83) tert-Butylbenzene	12.99	119	590375	50.737	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	671392	49.909	ug/l	99
85) sec-Butylbenzene	13.17	105	778026	51.429	ug/l	100
86) p-Isopropyltoluene	13.29	119	721099	46.145	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	362286	47.649	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	350436	48.478	ug/l	99
89) n-Butylbenzene	13.61	91	582104	48.617	ug/l	100
90) Hexachloroethane	13.87	117	133884	45.012	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	350313	46.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44323	44.455	ug/l	98

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QLast Update : Fri May 24 06:41:54 2019
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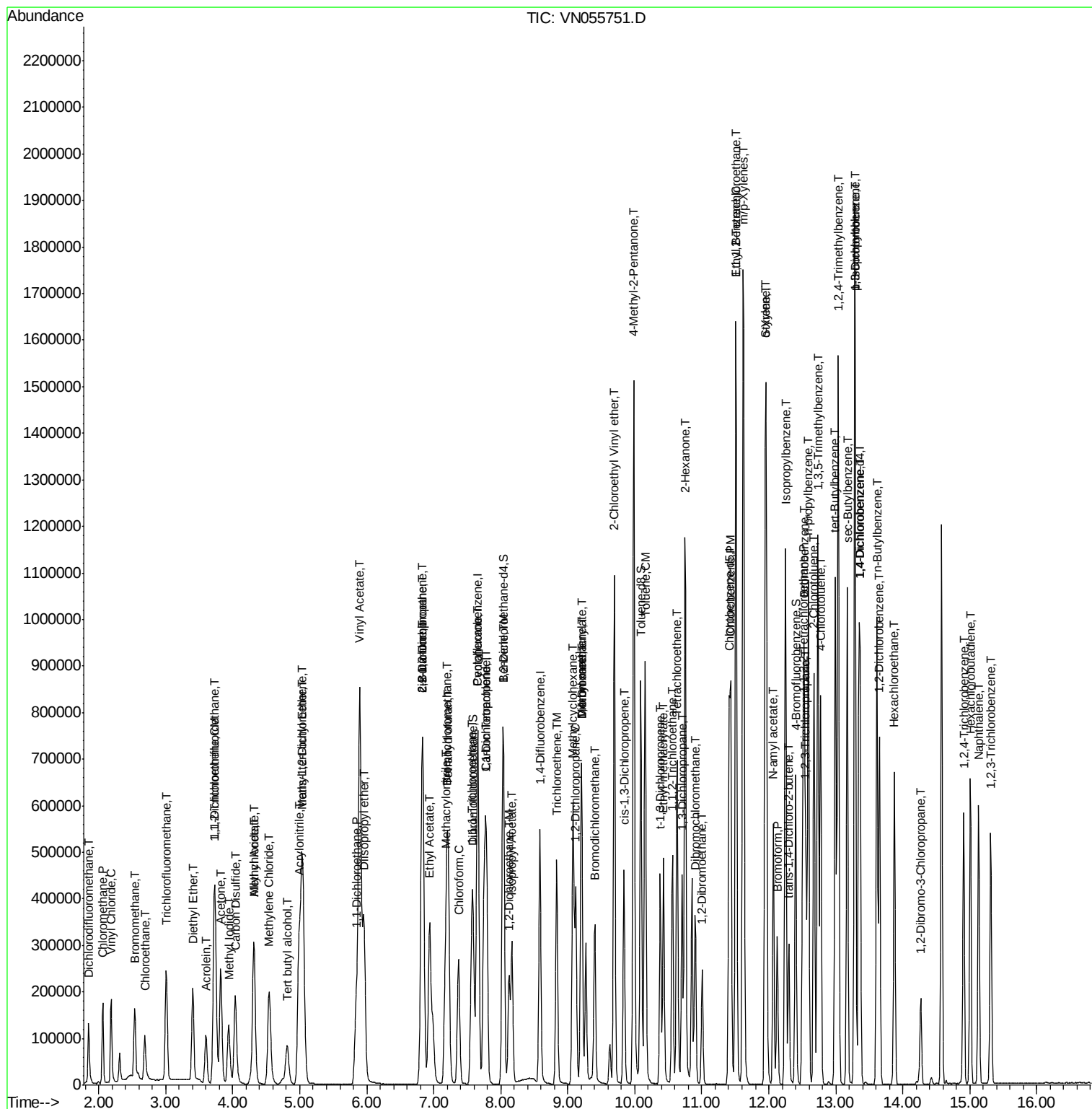
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	209351	48.116	ug/l	99
94) Hexachlorobutadiene	15.01	225	146035	54.881	ug/l	98
95) Naphthalene	15.13	128	533310	51.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	211998	52.869	ug/l	100

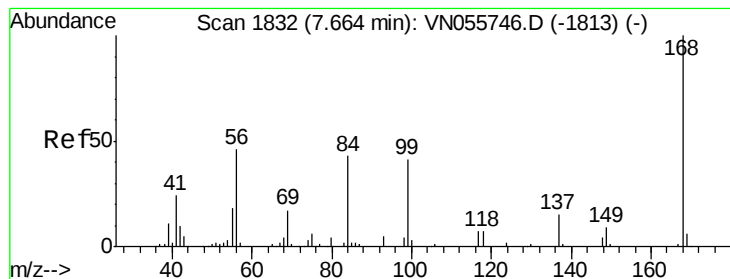
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

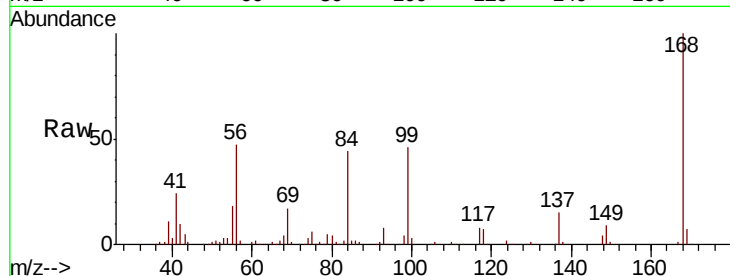
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 378782

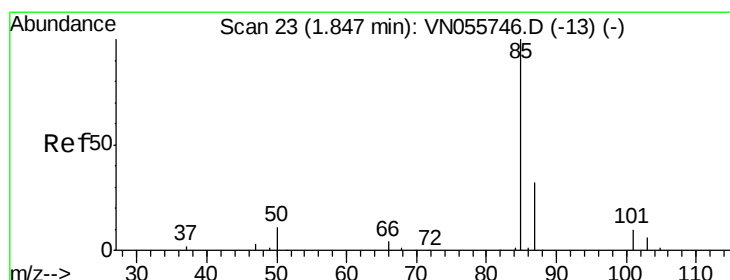
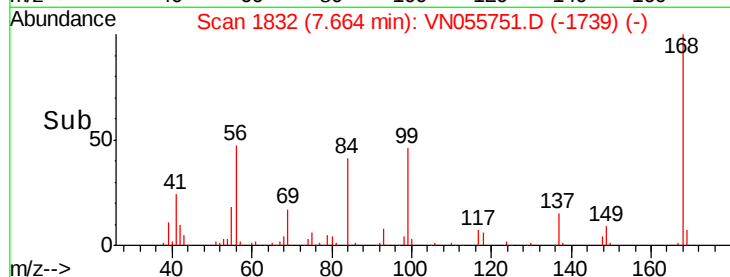
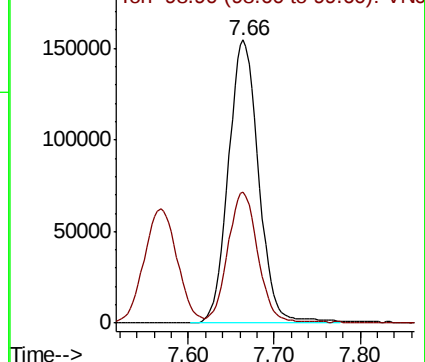
Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 45.666 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055751.D

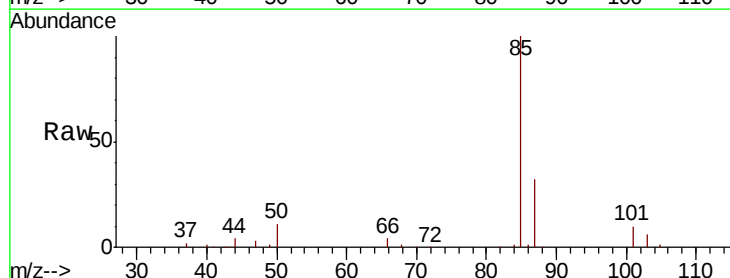
Acq: 23 May 2019 14:03

Tgt Ion: 85 Resp: 116415

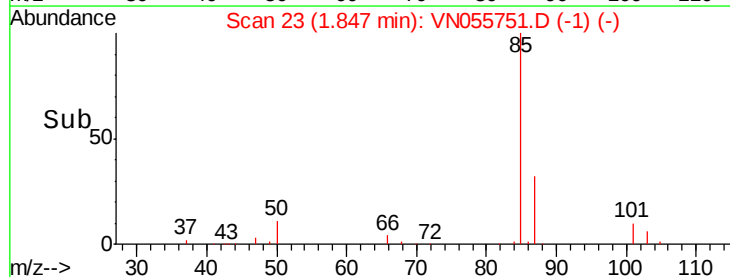
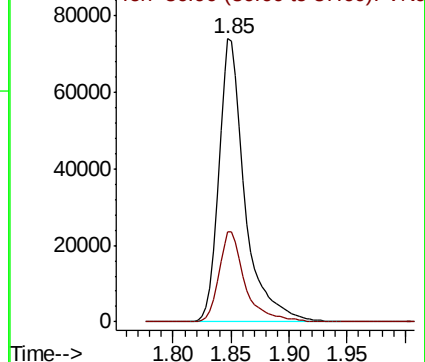
Ion Ratio Lower Upper

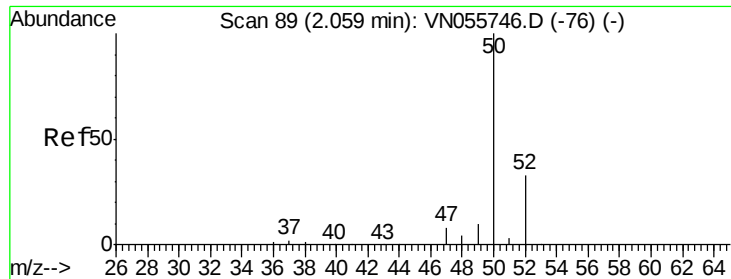
85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0
Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 45.057 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

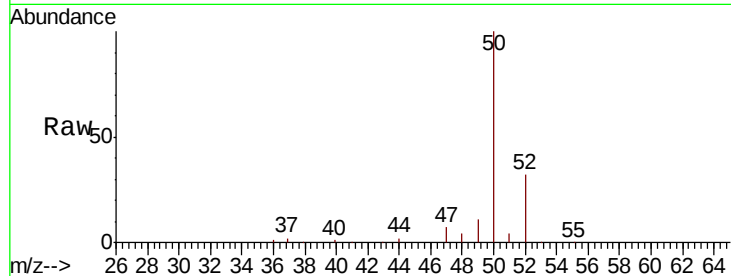
ClientSampled :

Tot Ion: 50 Resp: 160930

Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055746.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN055746.D (-76) (-)

2.06

120000

100000

80000

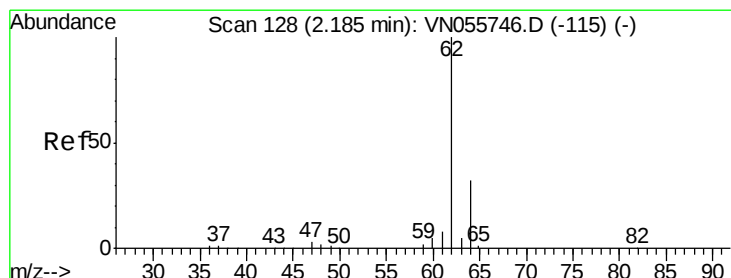
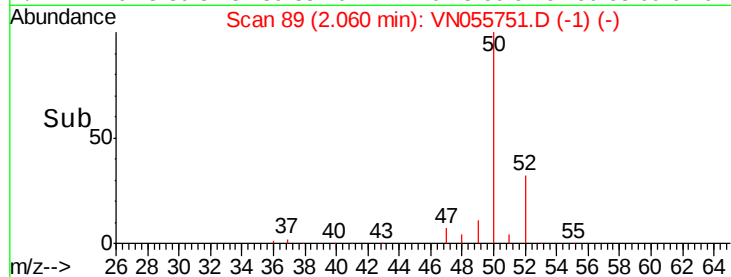
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.356 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055751.D

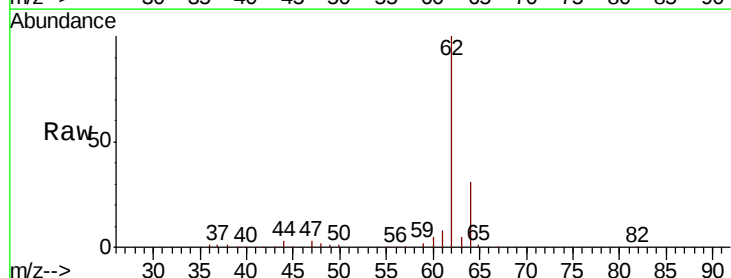
Acq: 23 May 2019 14:03

Tgt Ion: 62 Resp: 172788

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055746.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055746.D (-115) (-)

2.19

120000

100000

80000

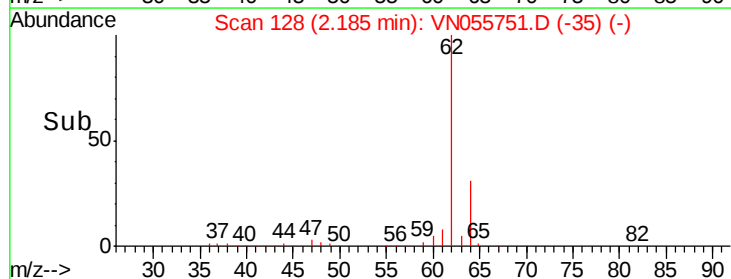
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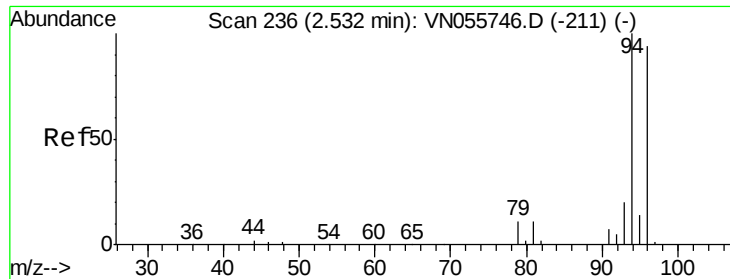
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20000

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Time-->

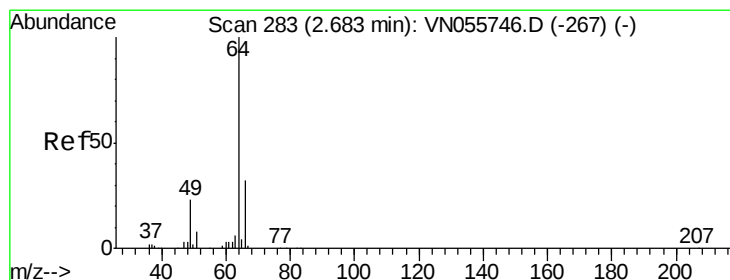
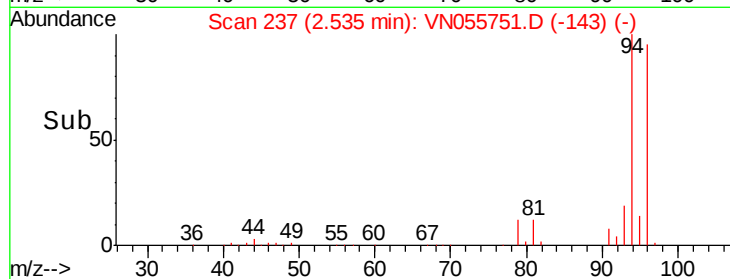
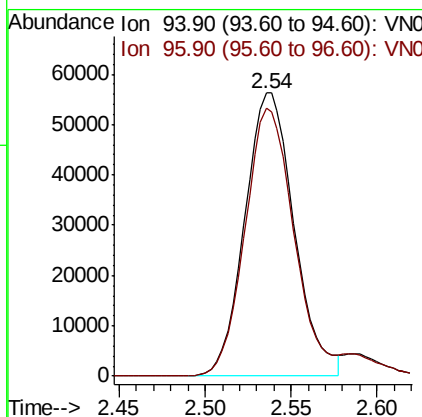
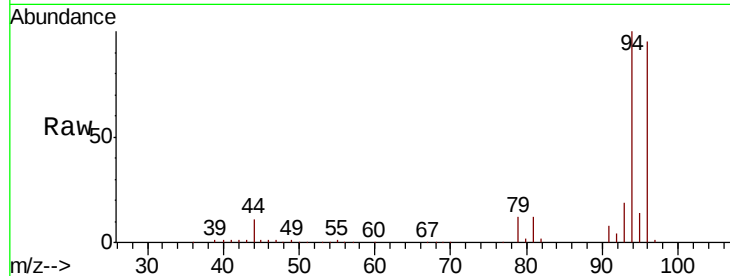




#5
Bromomethane
Concen: 47.142 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

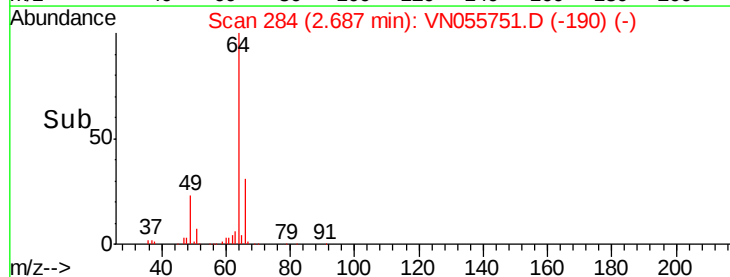
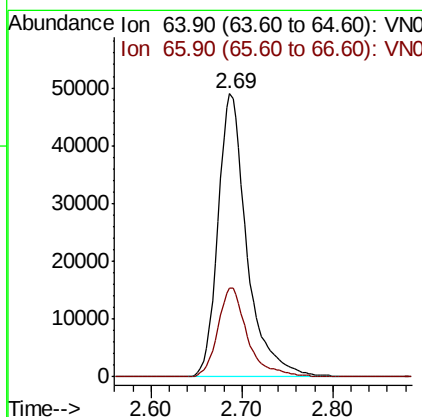
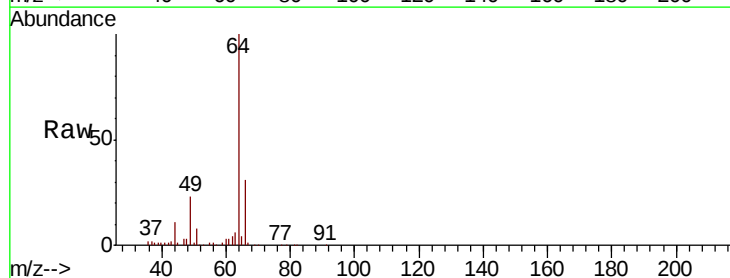
Instrument :
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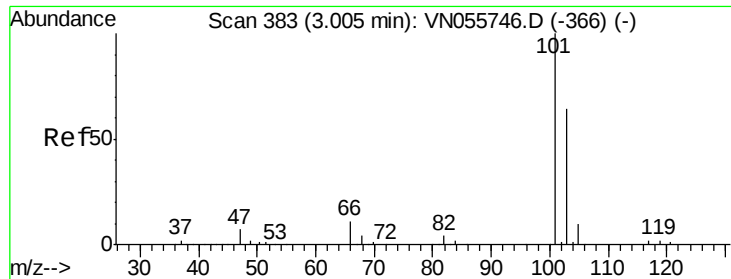
Tot Ion: 94 Resp: 112356
Ion Ratio Lower Upper
94 100
96 94.7 75.5 113.3



#6
Chloroethane
Concen: 47.048 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 64 Resp: 107911
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0



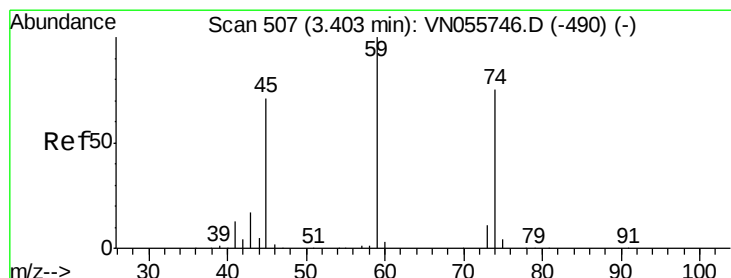
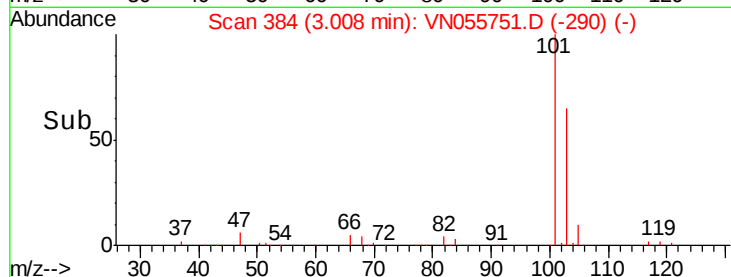
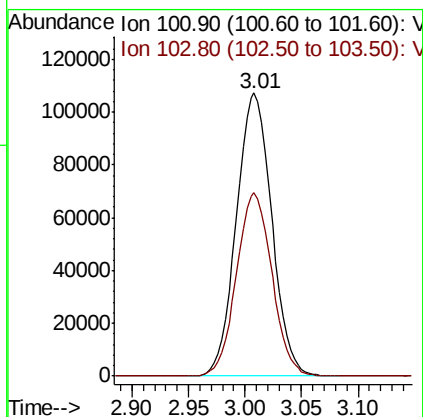
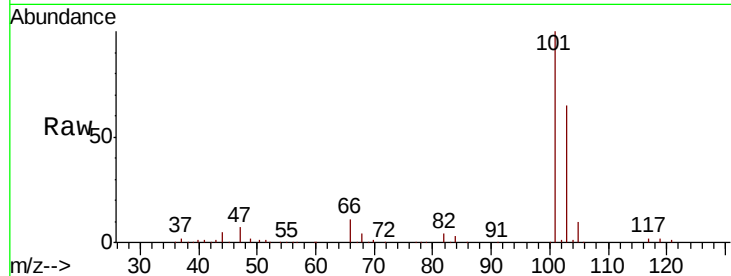


#7

Trichlorofluoromethane
Concen: 46.830 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

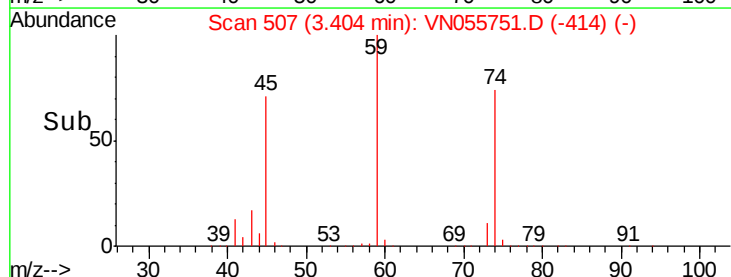
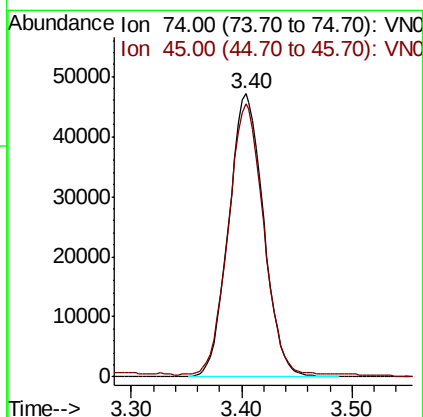
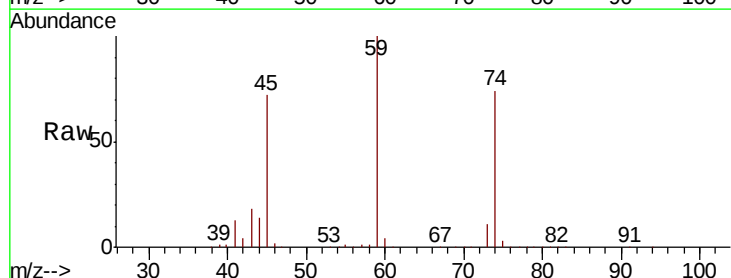
Tot Ion:101 Resp: 233894
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

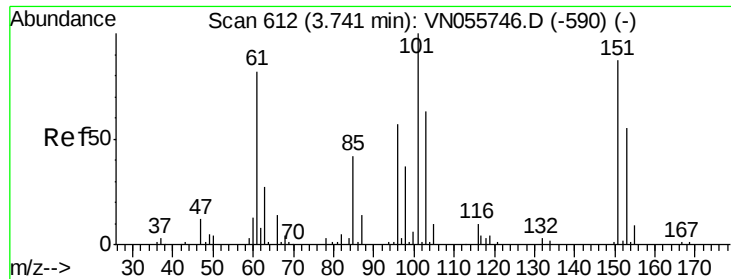


#8

Diethyl Ether
Concen: 46.102 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 74 Resp: 103201
Ion Ratio Lower Upper
74 100
45 95.8 48.6 145.9

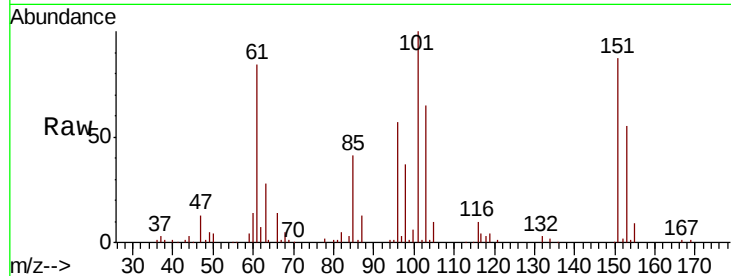




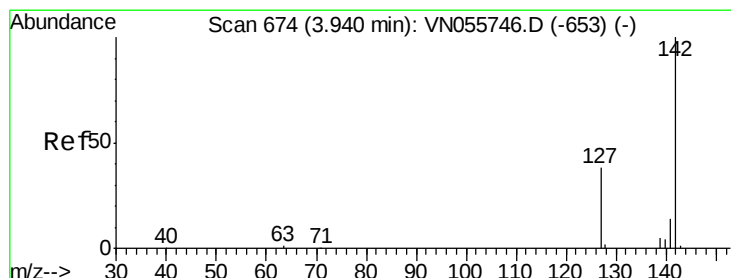
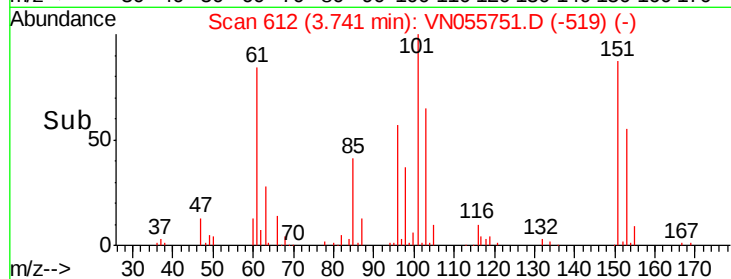
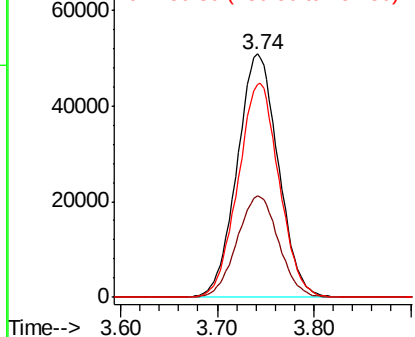
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.180 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 150211
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.4 50.2
 151 87.8 69.4 104.2

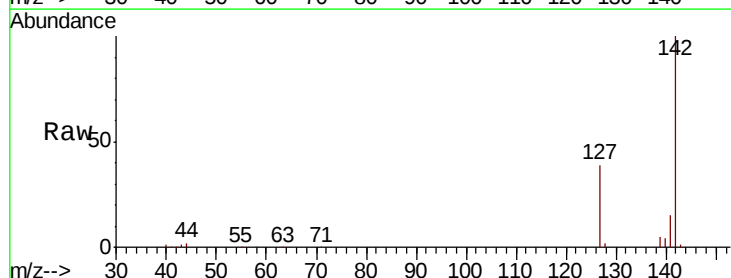


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

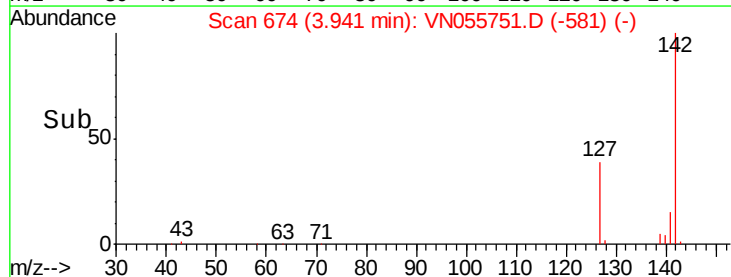
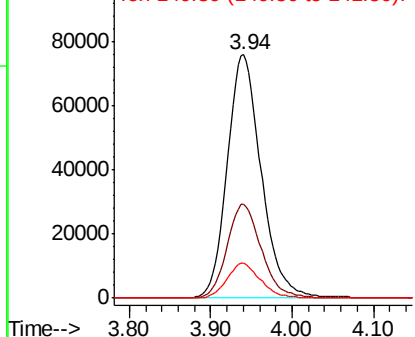


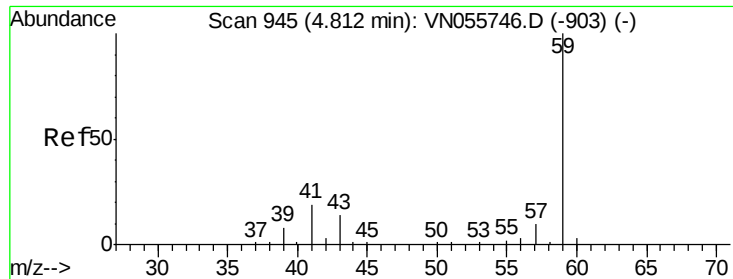
#10
 Methyl Iodide
 Concen: 48.695 ug/l
 RT: 3.94 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion:142 Resp: 221959
 Ion Ratio Lower Upper
 142 100
 127 39.0 31.0 46.4
 141 14.1 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

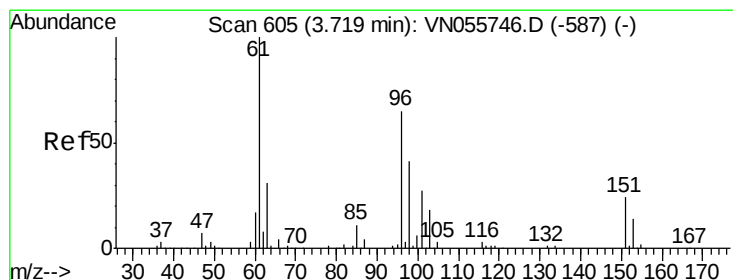
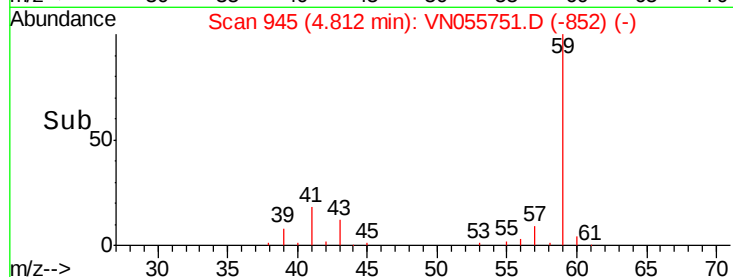
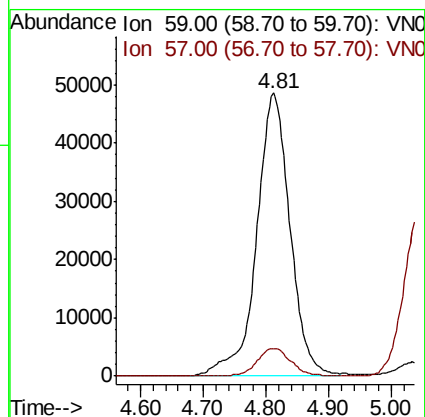
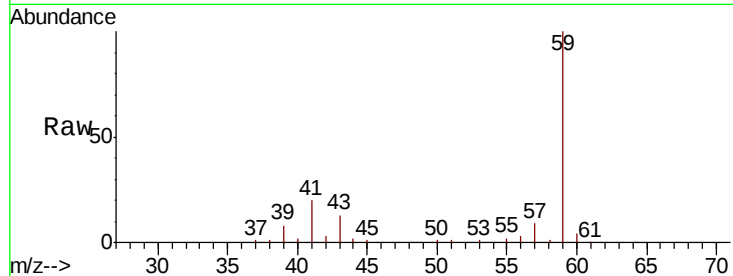




#11
Tert butyl alcohol
Concen: 241.092 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

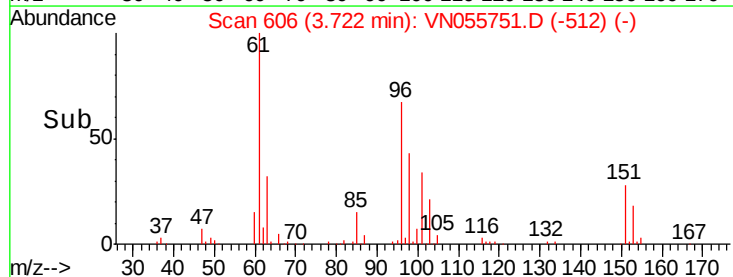
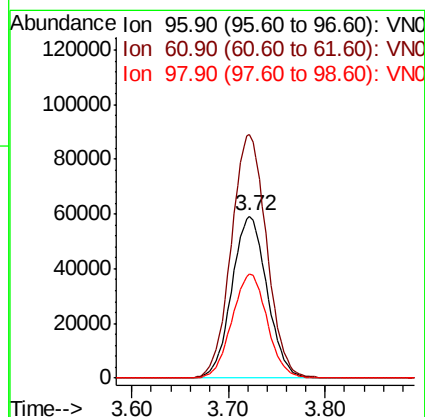
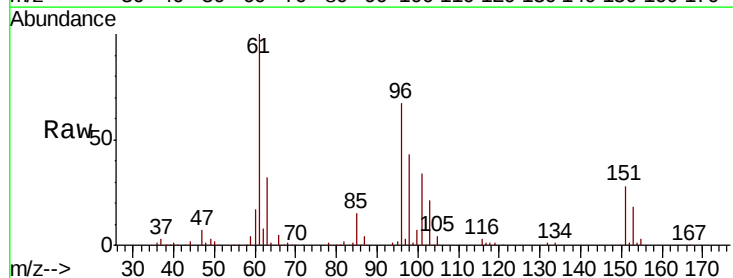
Instrument :
MSVOA_N
ClientSampled :

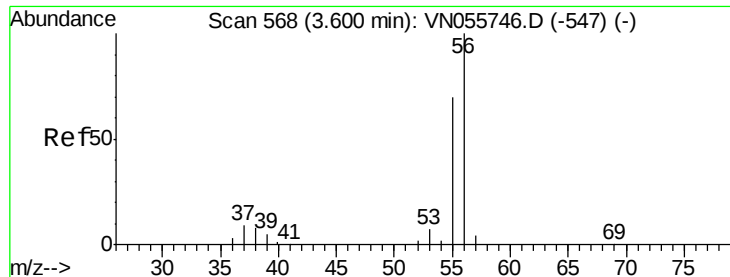
Tot Ion: 59 Resp: 180194
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 46.545 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 96 Resp: 149942
Ion Ratio Lower Upper
96 100
61 150.3 123.2 184.8
98 64.0 50.4 75.6





#13

Acrolein

Concen: 221.488 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

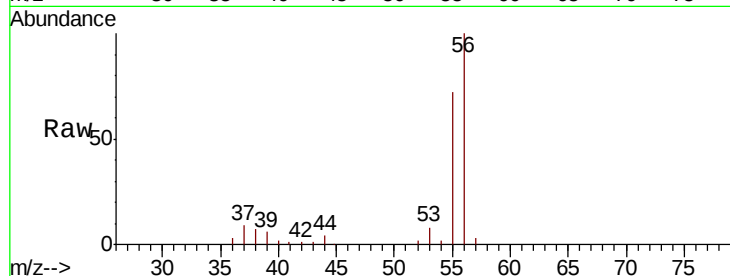
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 118535

Ion Ratio Lower Upper

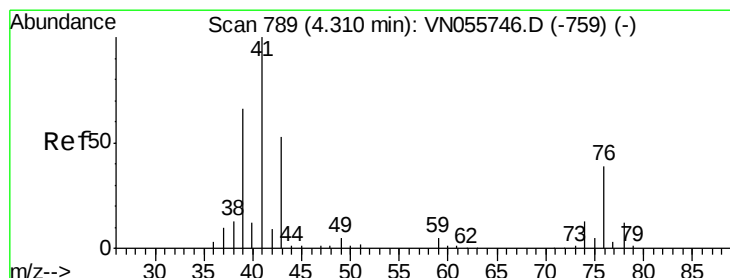
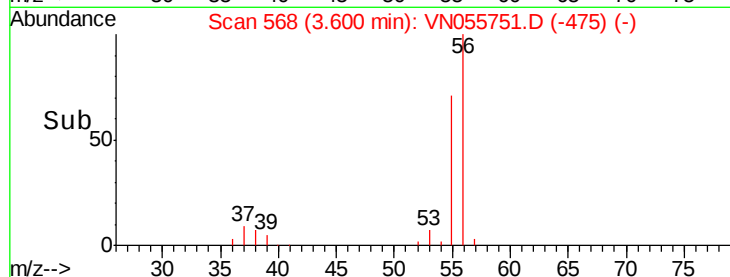
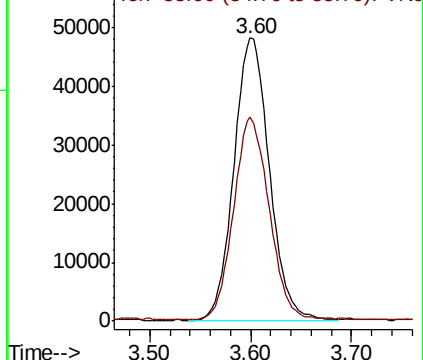
56 100

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: 47.107 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

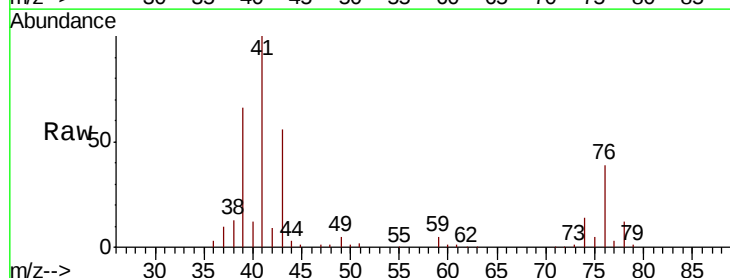
Tgt Ion: 41 Resp: 260145

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

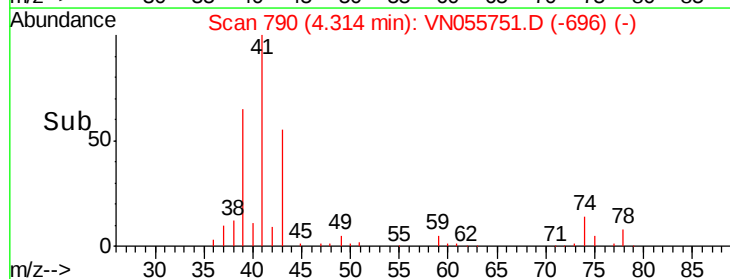
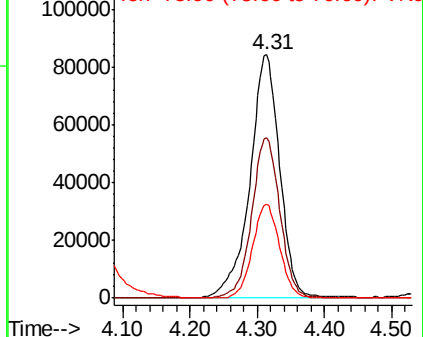
76 34.9 28.2 42.2

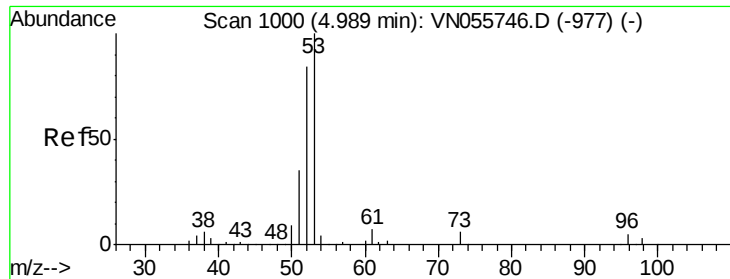


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 232.252 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampled :

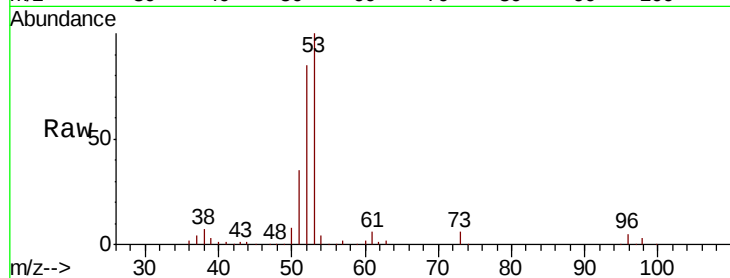
Tot Ion: 53 Resp: 398600

Ion Ratio Lower Upper

53 100

52 82.7 65.8 98.8

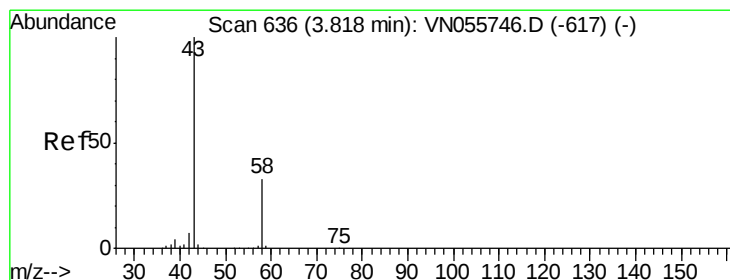
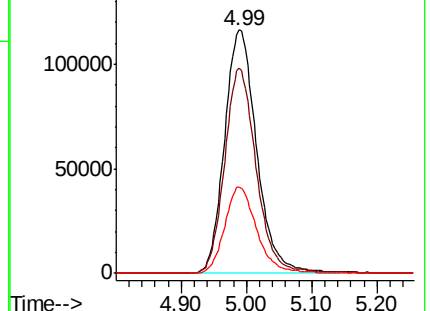
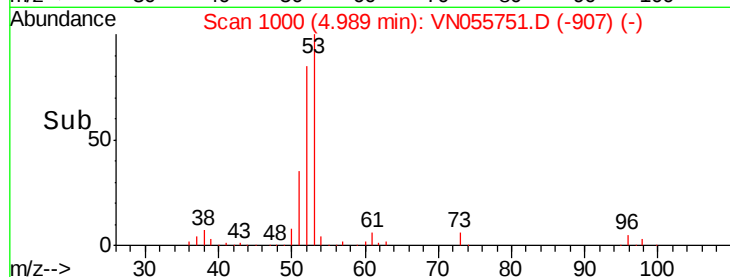
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 241.142 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055751.D

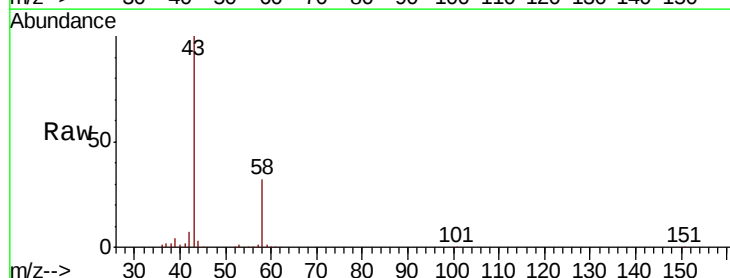
Acq: 23 May 2019 14:03

Tgt Ion: 43 Resp: 414650

Ion Ratio Lower Upper

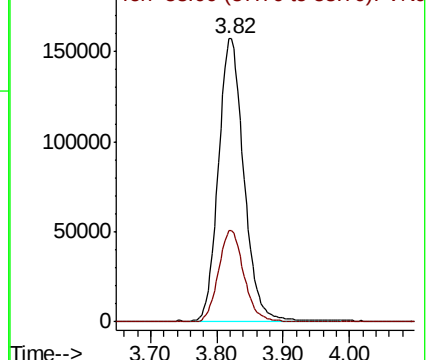
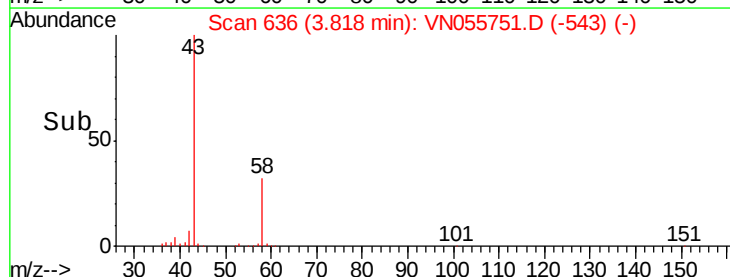
43 100

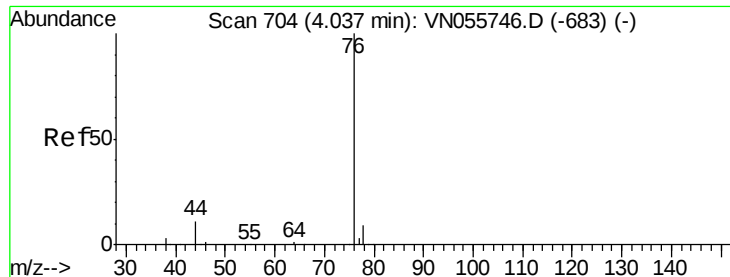
58 32.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

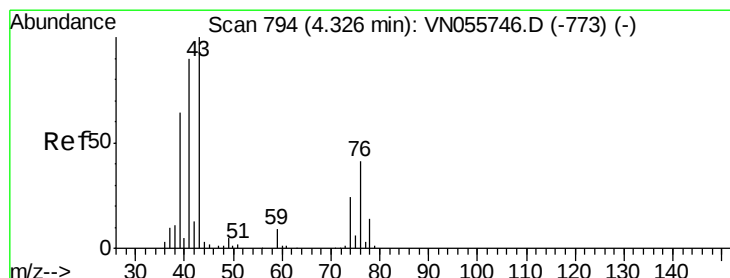
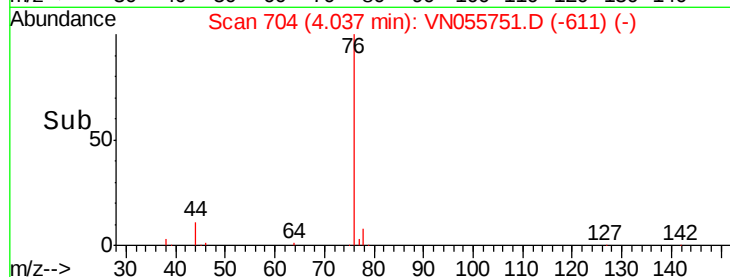
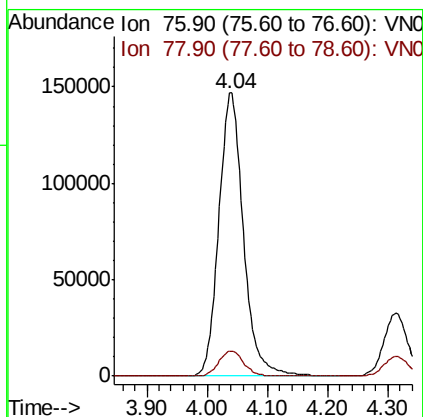
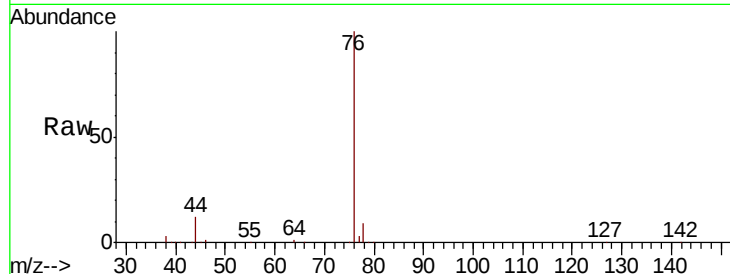




#17
Carbon Disulfide
Concen: 45.178 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

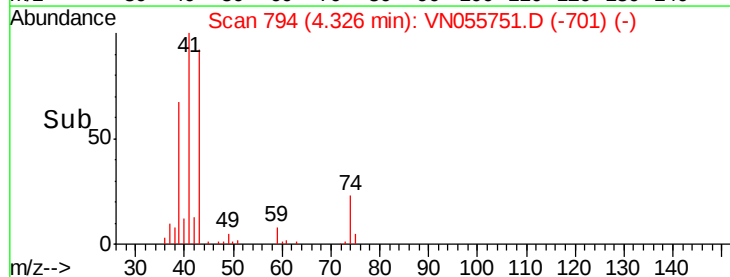
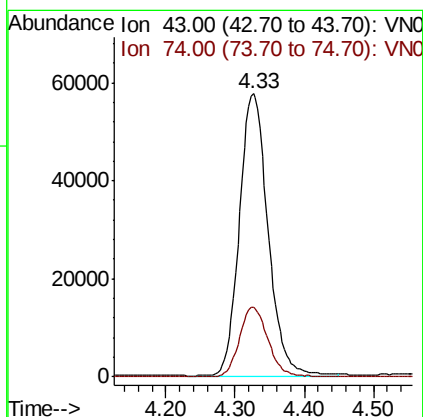
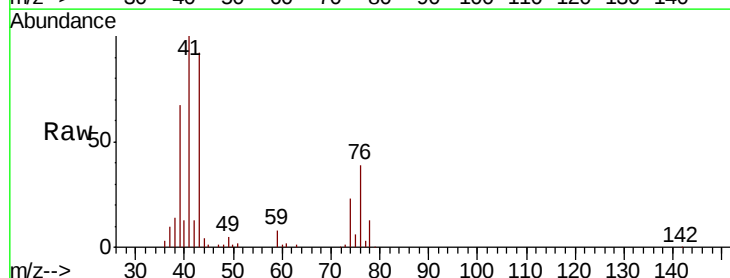
Instrument :
MSVOA_N
ClientSampleId :

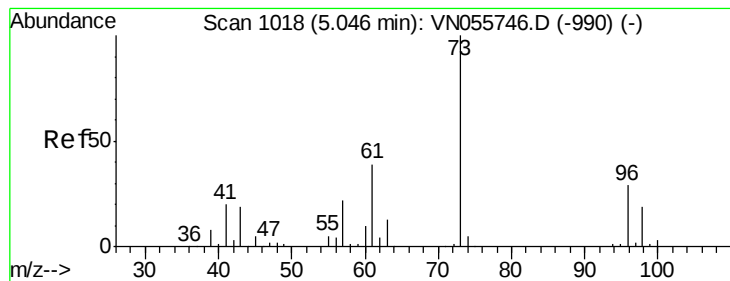
Tot Ion: 76 Resp: 413491
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 47.433 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 43 Resp: 166042
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9



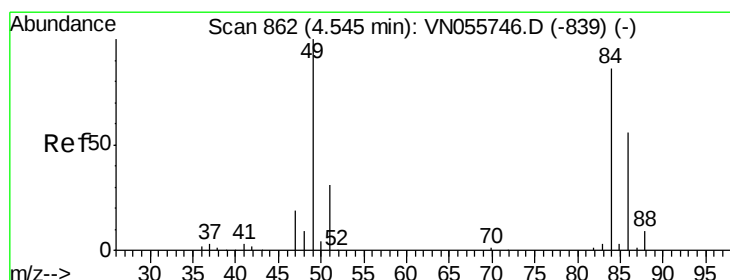
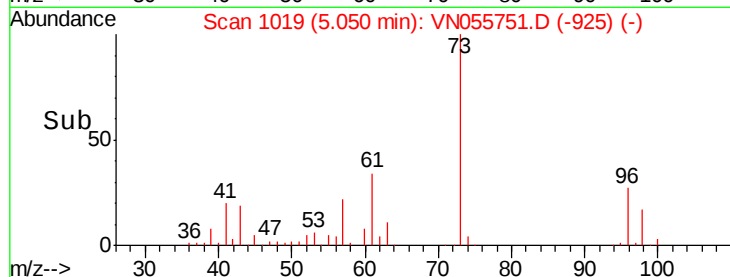
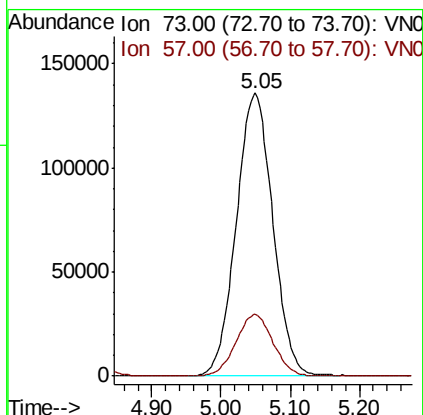
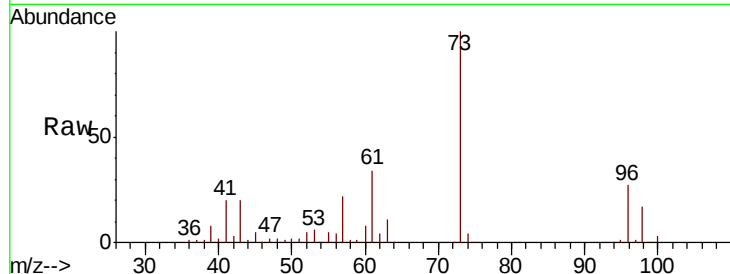


#19

Methyl tert-butyl Ether
 Concen: 46.416 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Instrument :
 MSVOA_N
 ClientSampled :

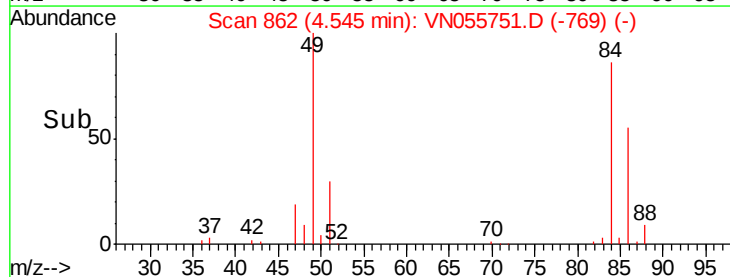
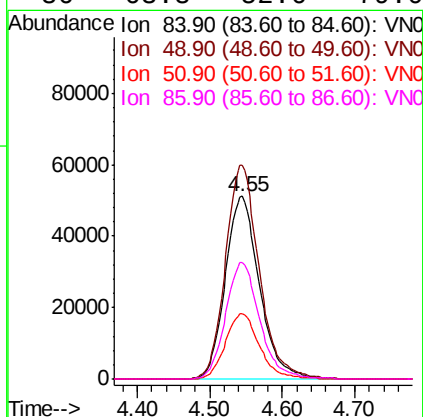
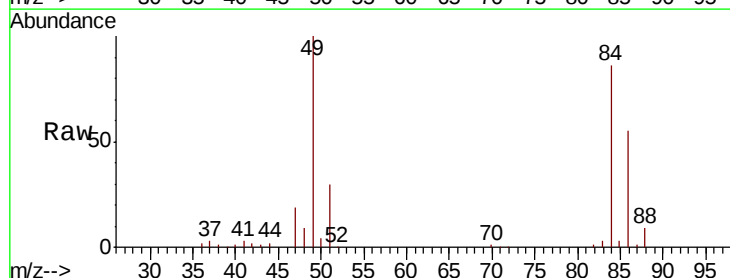
Tot Ion: 73 Resp: 498693
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

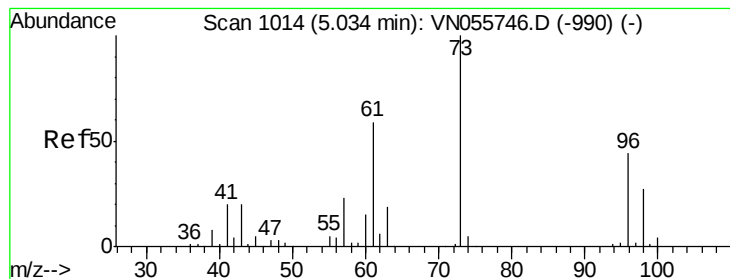


#20

Methylene Chloride
 Concen: 45.135 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion: 84 Resp: 168079
 Ion Ratio Lower Upper
 84 100
 49 116.7 93.5 140.3
 51 35.6 28.6 43.0
 86 63.8 52.6 79.0



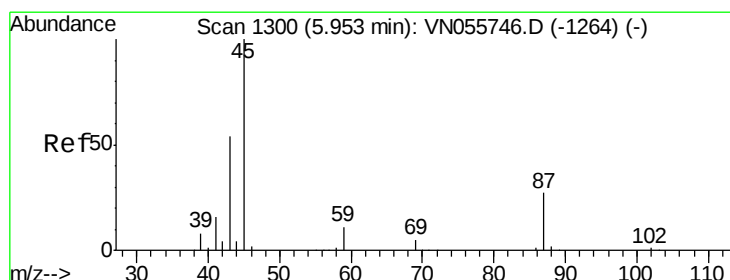
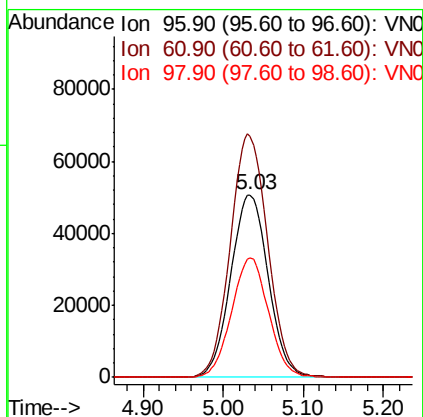
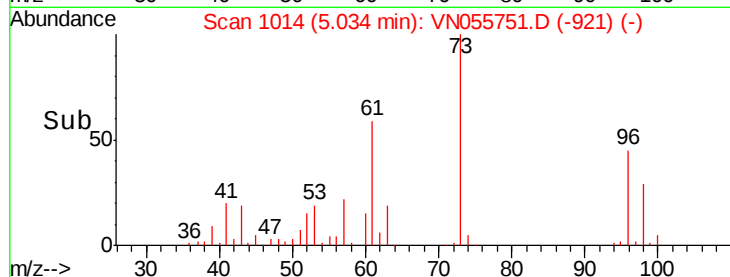
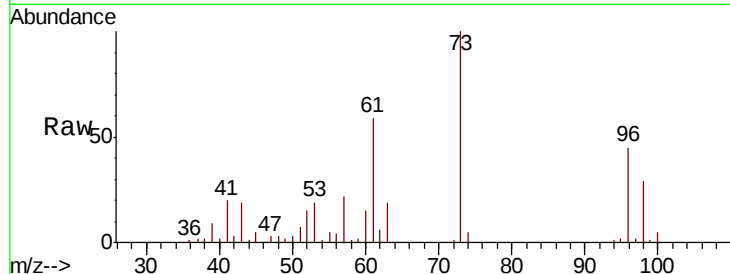


#21

trans-1,2-Dichloroethene
Concen: 46.530 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampled :

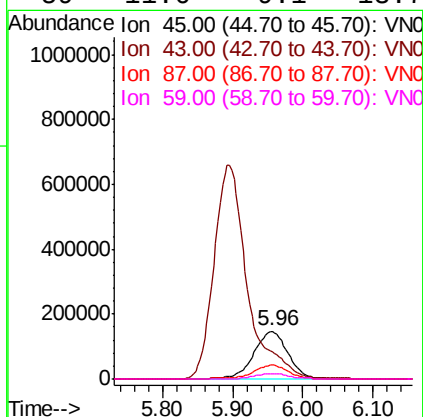
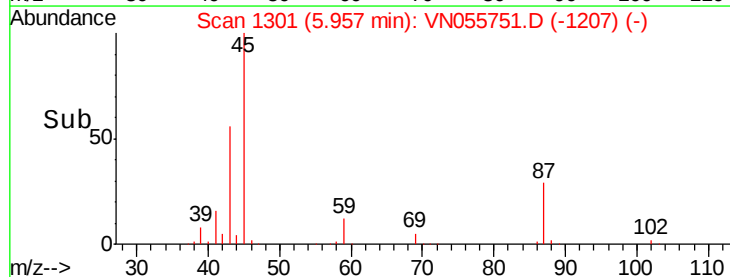
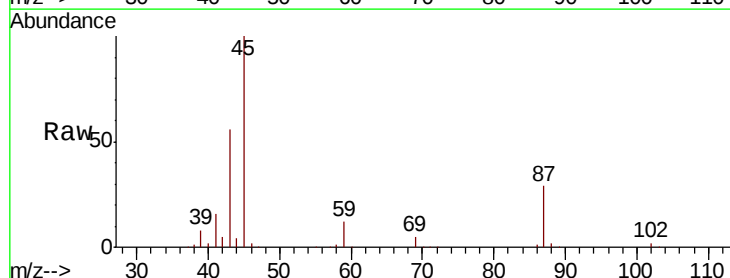
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	107.8	161.8
98	65.4	49.8	74.8

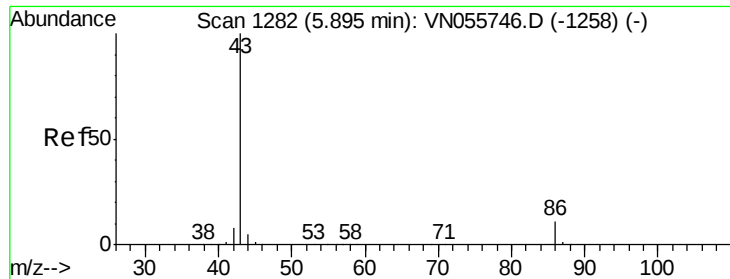


#22

Diisopropyl ether
Concen: 46.353 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.2	45.0	67.6
87	28.6	22.2	33.4
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 236.075 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

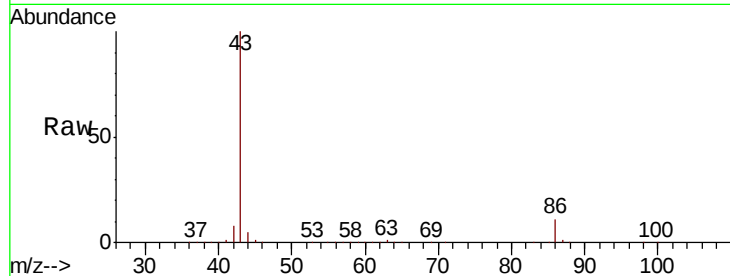
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2174063

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

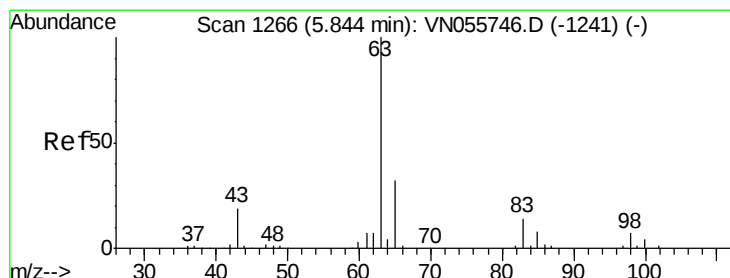
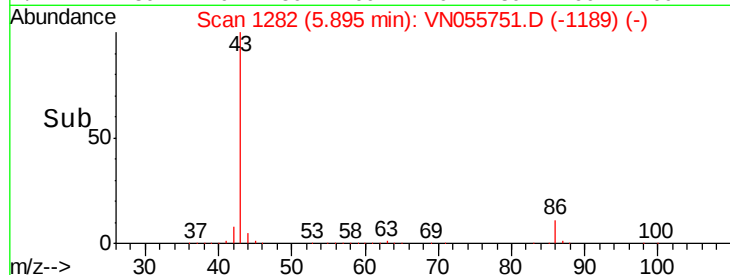
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.928 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

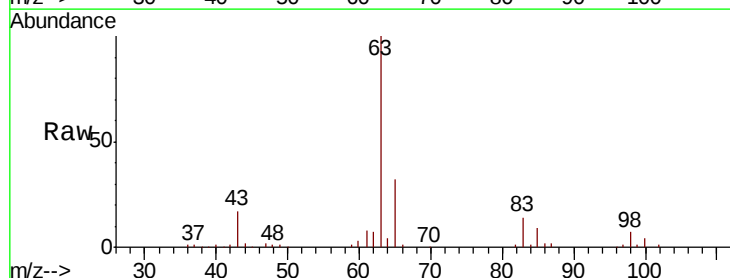
Tgt Ion: 63 Resp: 287225

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

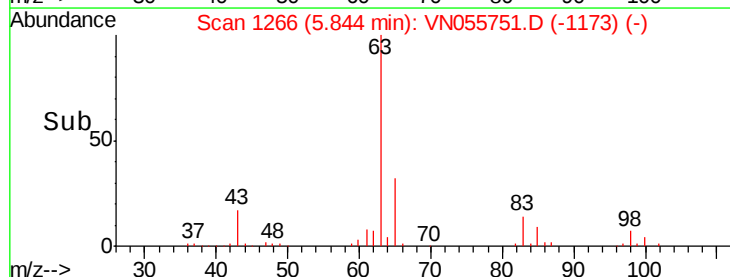
60000

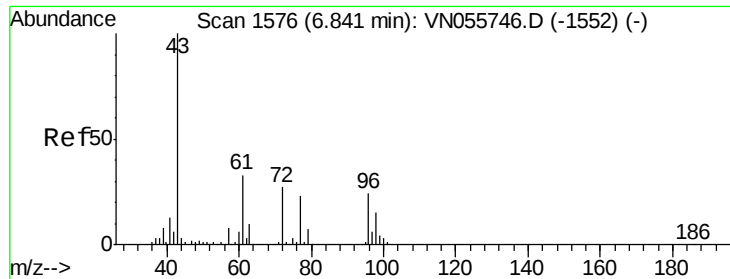
40000

20000

0

Time-->





#25

2-Butanone

Concen: 237.151 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

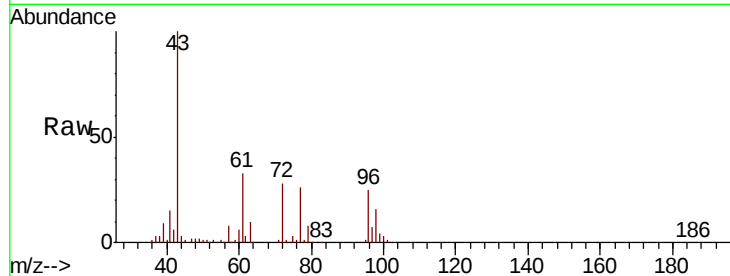
ClientSampled :

Tot Ion: 43 Resp: 569506

Ion Ratio Lower Upper

43 100

72 27.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

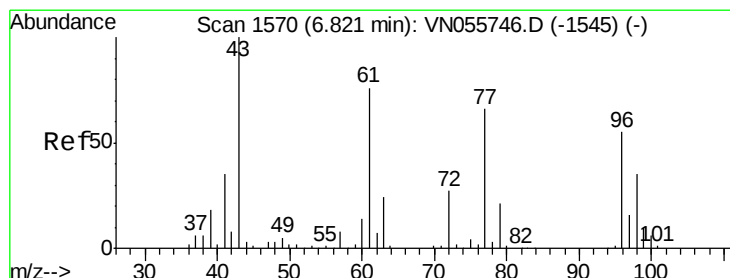
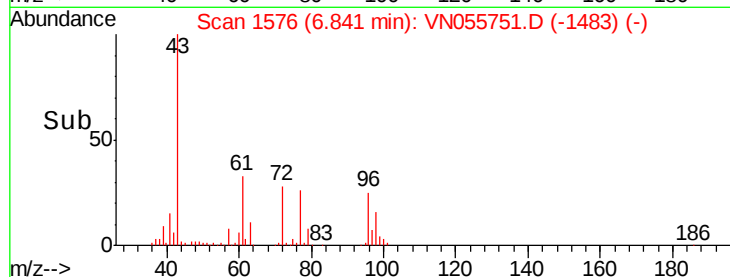
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 47.466 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055751.D

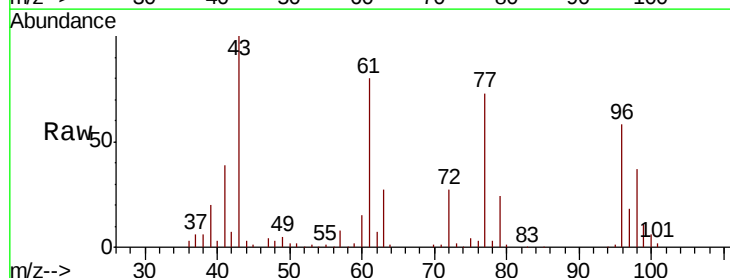
Acq: 23 May 2019 14:03

Tgt Ion: 77 Resp: 256901

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

80000

60000

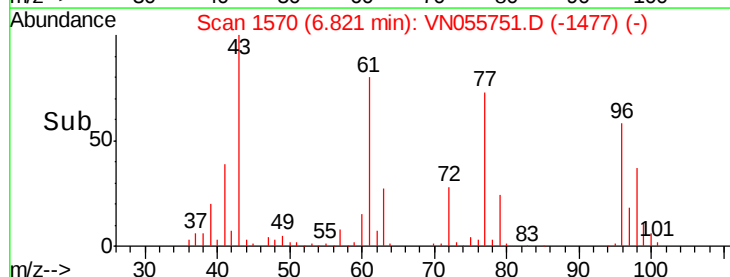
40000

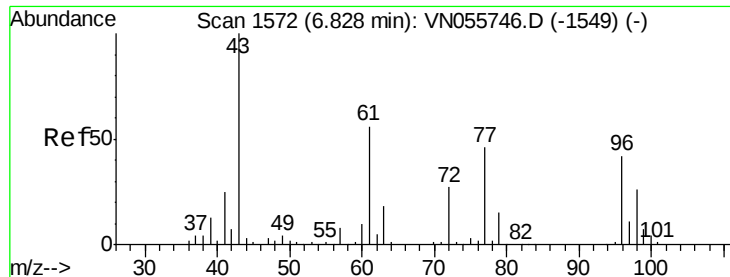
20000

0

6.70 6.80 6.90

Time-->



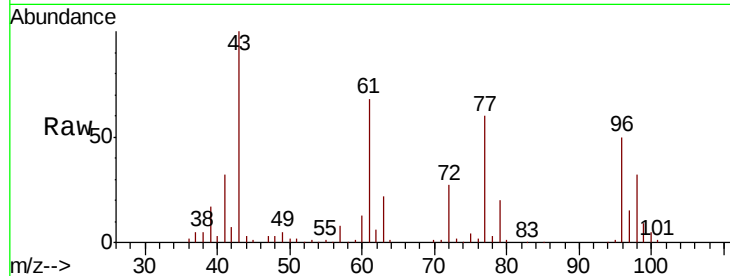


#27

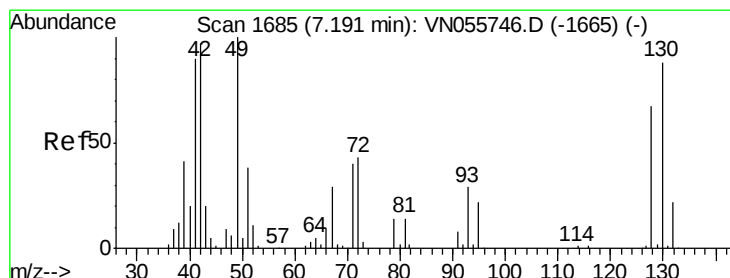
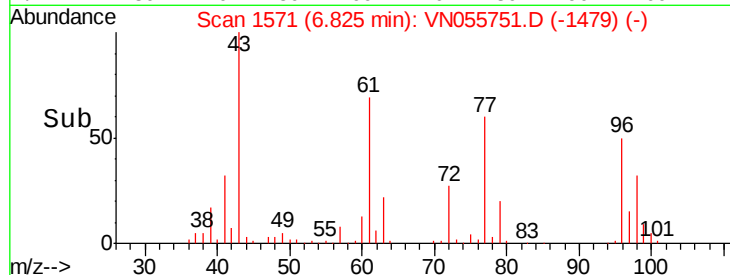
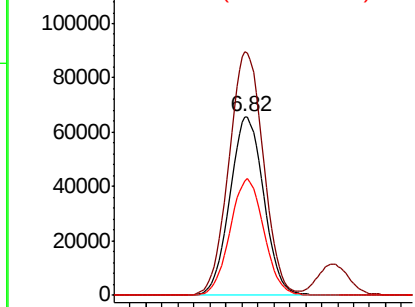
cis-1,2-Dichloroethene
Concen: 46.780 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 188883
Ion Ratio Lower Upper
96 100
61 138.7 0.0 275.8
98 65.1 0.0 128.4



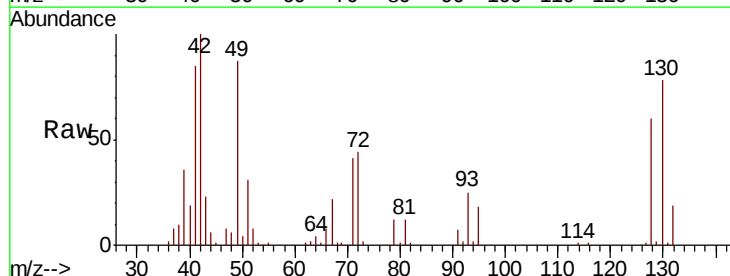
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



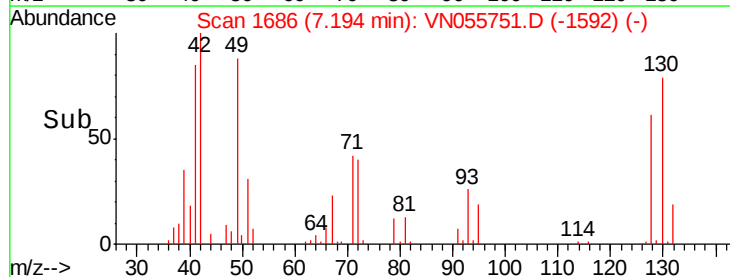
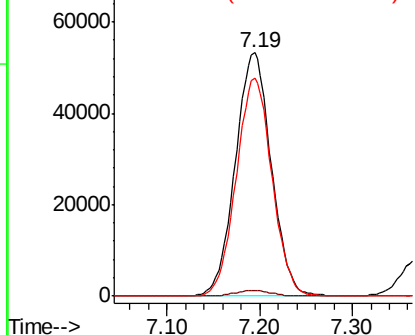
#28

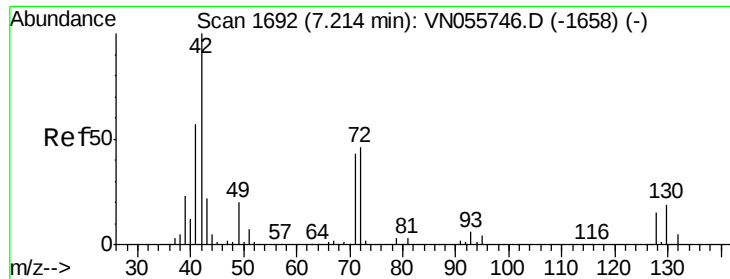
Bromochloromethane
Concen: 47.960 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 49 Resp: 142802
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 89.2 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

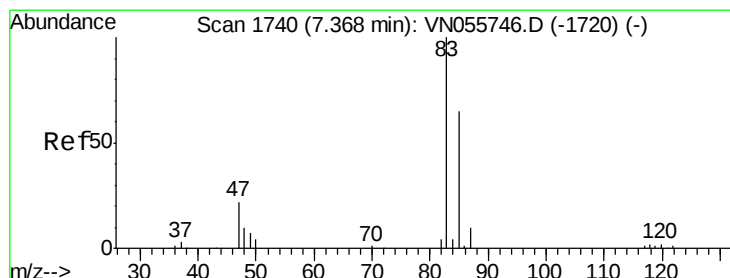
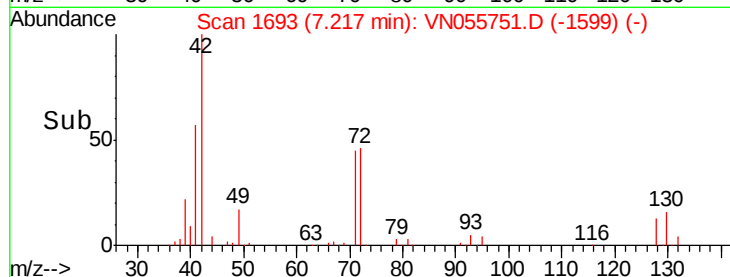
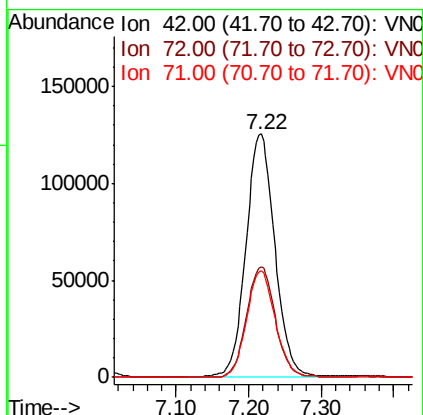
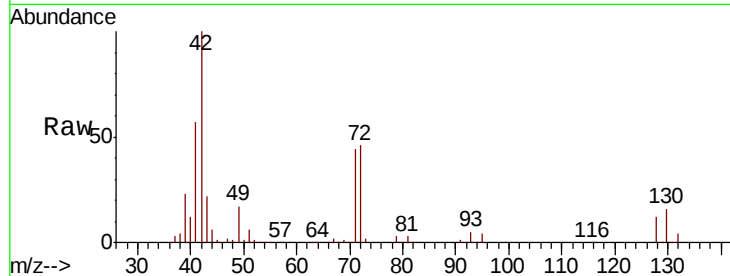




#29
Tetrahydrofuran
Concen: 229.916 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

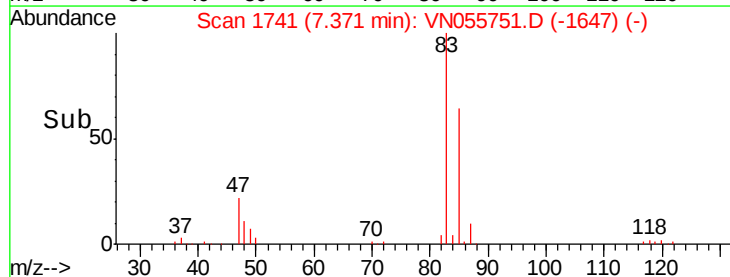
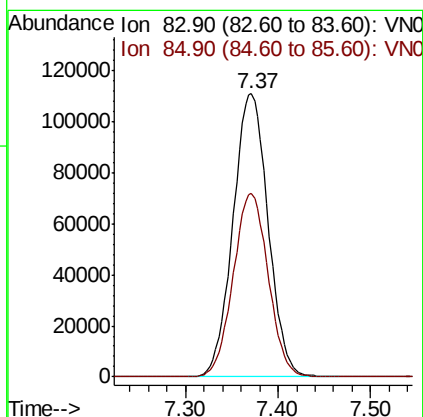
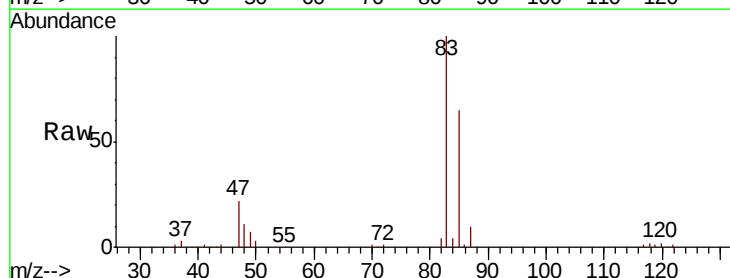
Instrument :
MSVOA_N
ClientSampled :

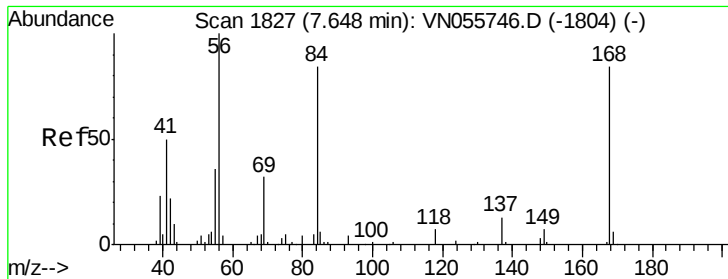
Tot Ion: 42 Resp: 349650
Ion Ratio Lower Upper
42 100
72 45.2 35.9 53.9
71 43.4 34.0 51.0



#30
Chloroform
Concen: 46.723 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 83 Resp: 291399
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 46.187 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

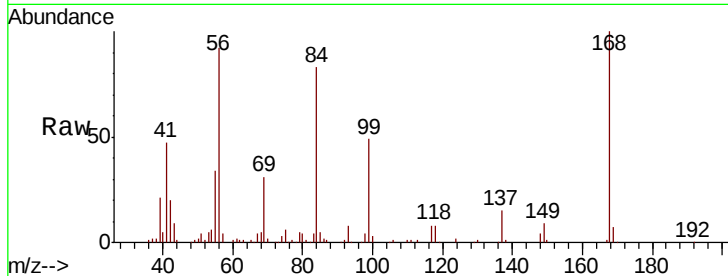
Tot Ion: 56 Resp: 271181

Ion Ratio Lower Upper

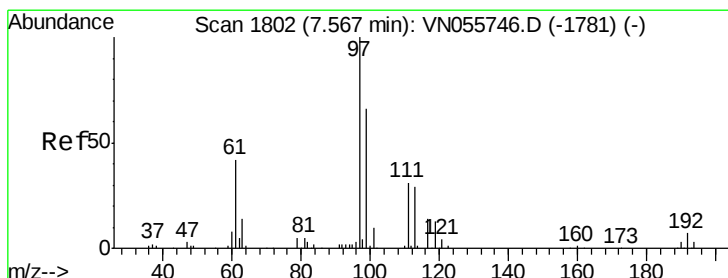
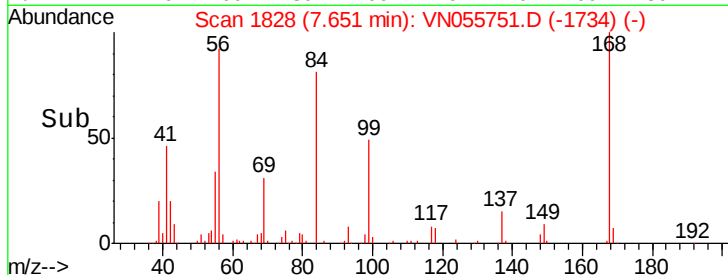
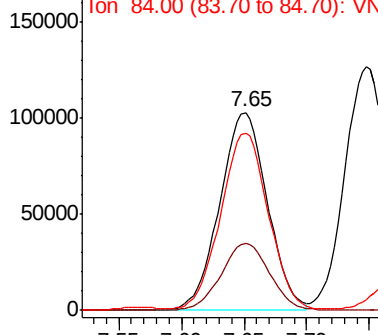
56 100

69 33.8 25.6 38.4

84 88.6 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 46.866 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

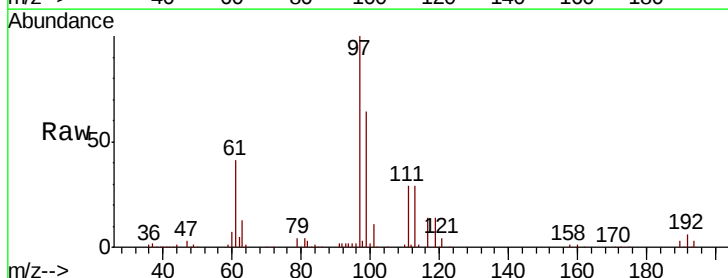
Tgt Ion: 97 Resp: 260832

Ion Ratio Lower Upper

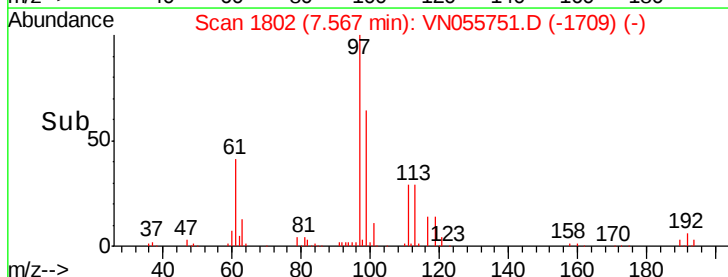
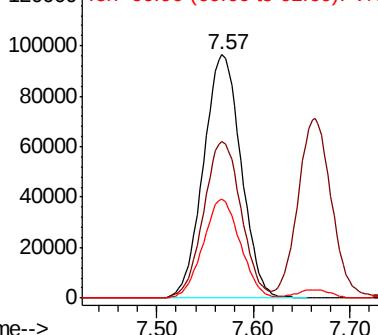
97 100

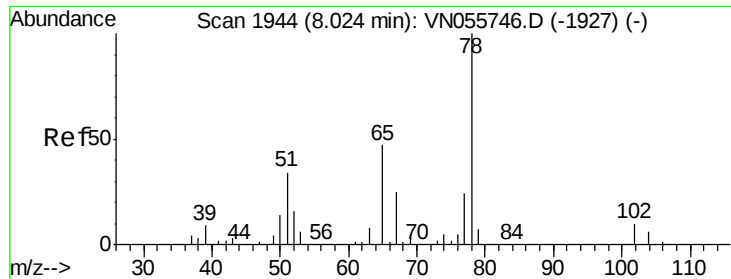
99 64.4 52.0 78.0

61 40.3 32.9 49.3



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

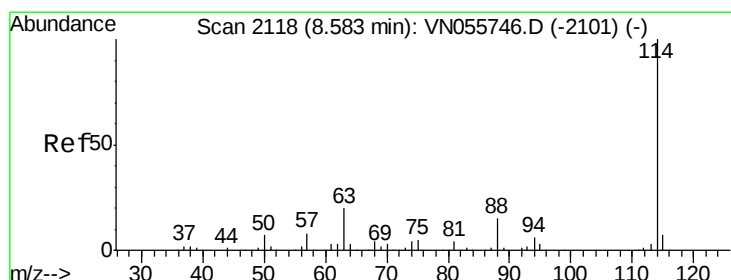
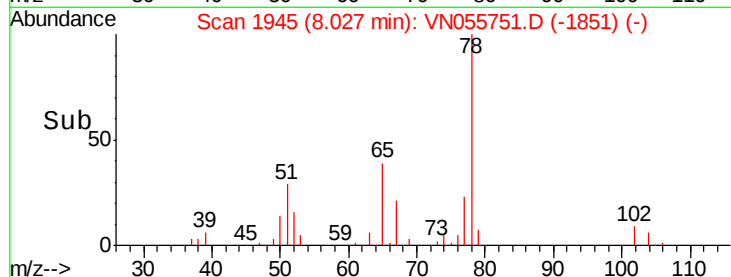
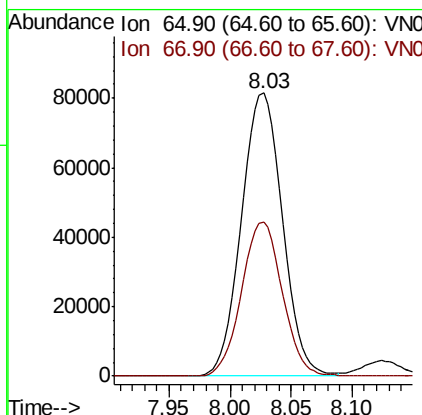
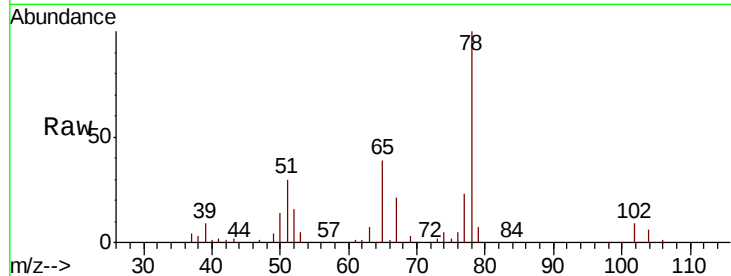




#33
 1,2-Dichloroethane-d4
 Concen: 48.508 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

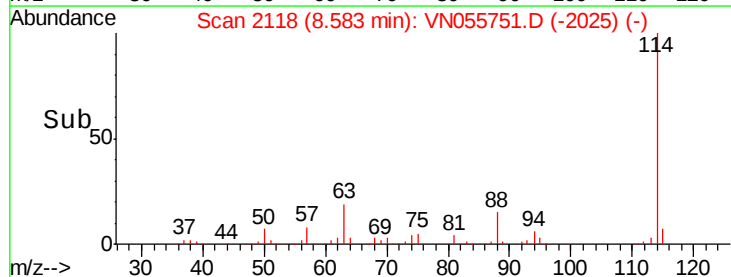
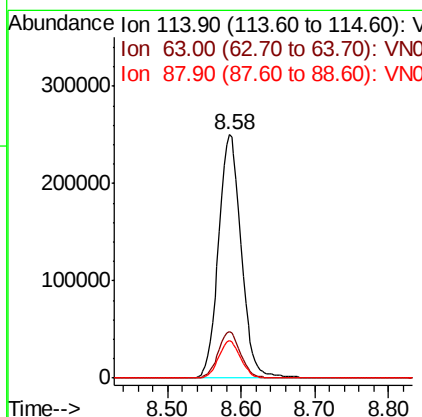
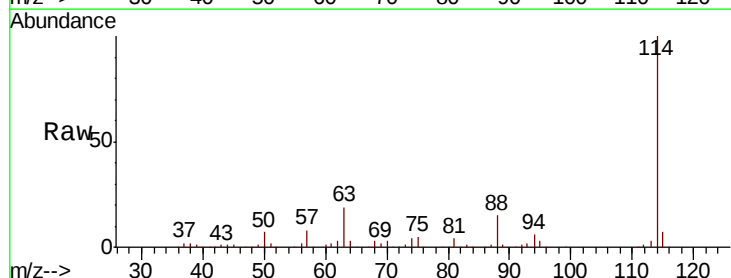
Instrument :
 MSVOA_N
 ClientSampled :

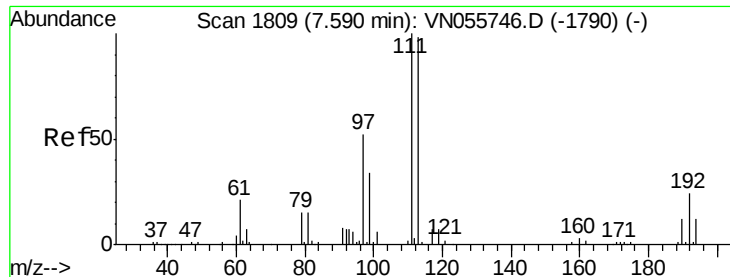
Tot Ion: 65 Resp: 189750
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion: 114 Resp: 535656
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.3 0.0 31.0

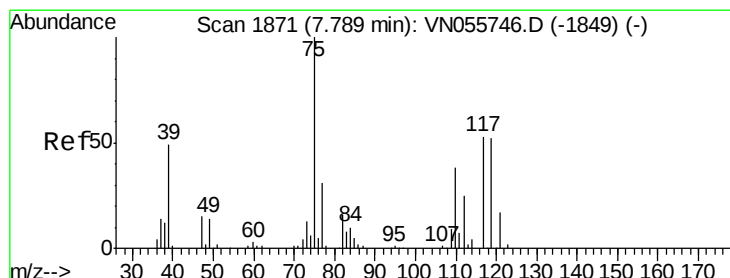
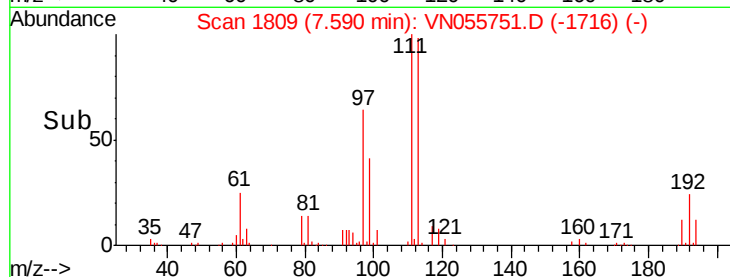
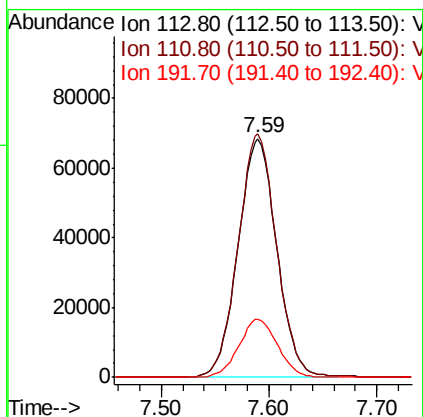
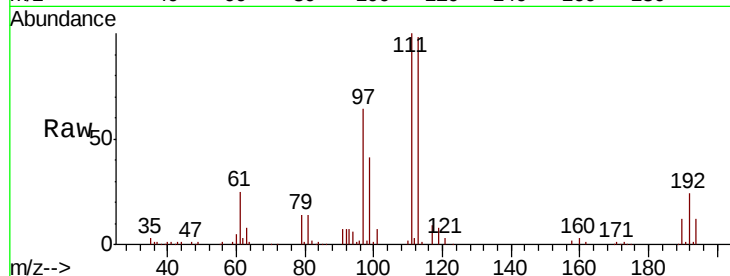




#35
 Dibromofluoromethane
 Concen: 50.201 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

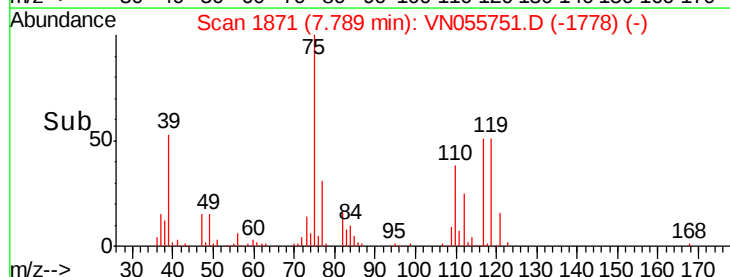
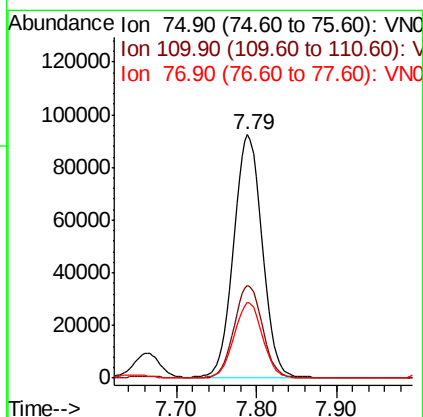
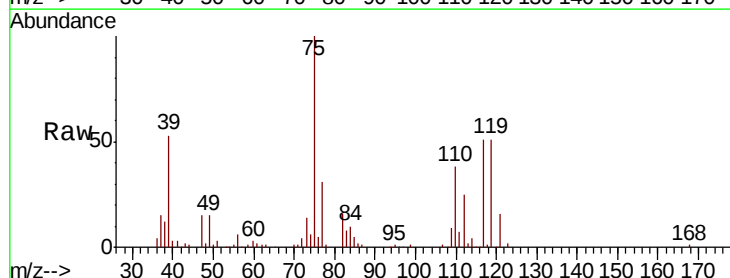
Instrument :
 MSVOA_N
 ClientSampleId :

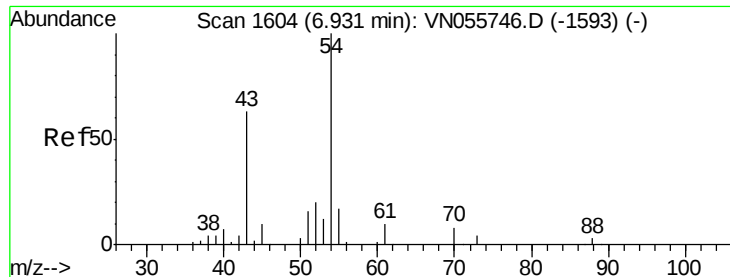
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	24.3	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 47.671 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.0	57.0
77	31.2	25.1	37.7

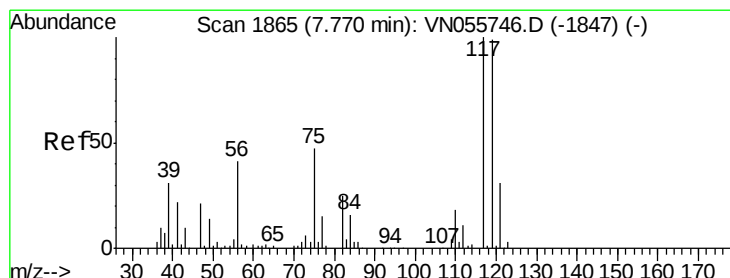
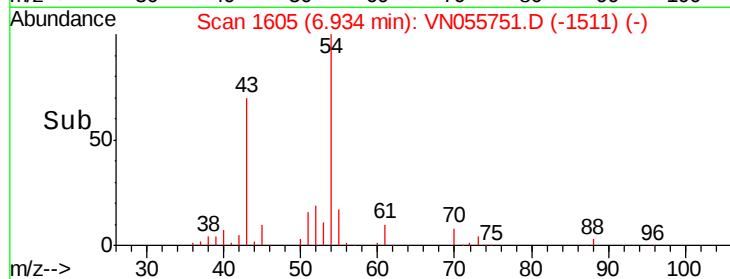
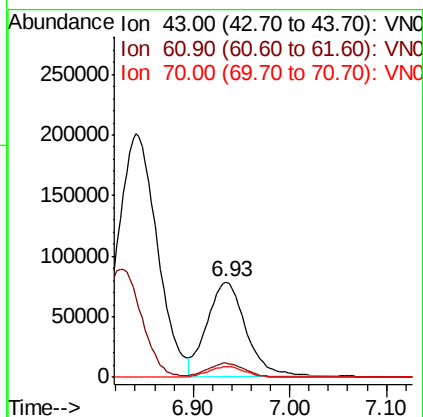
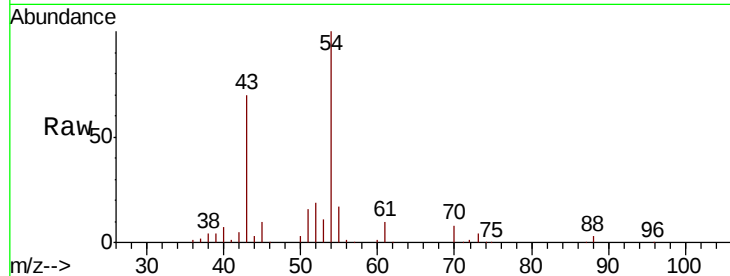




#37
Ethyl Acetate
Concen: 48.283 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

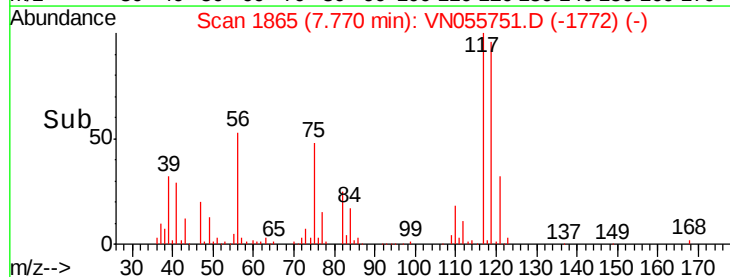
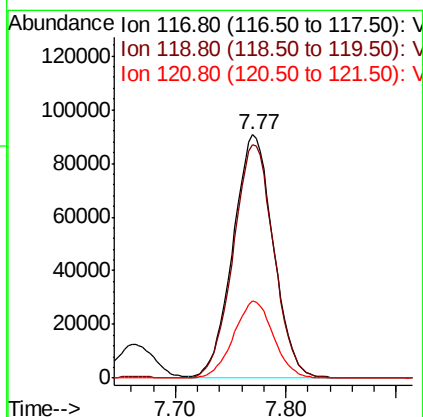
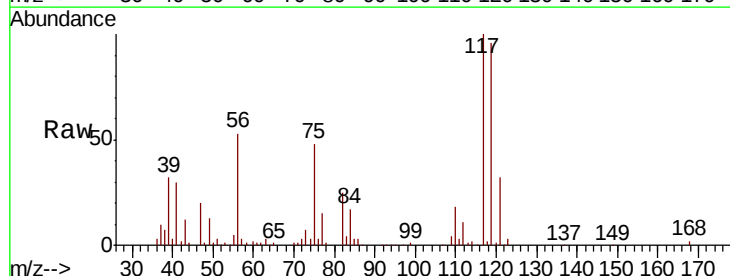
Instrument :
MSVOA_N
ClientSampled :

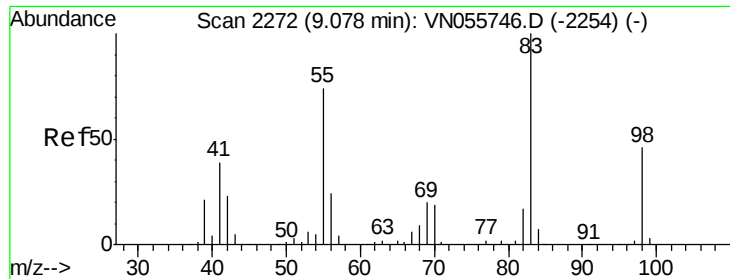
Tot Ion: 43 Resp: 217835
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 46.992 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 117 Resp: 228494
Ion Ratio Lower Upper
117 100
119 95.6 79.0 118.6
121 31.6 24.7 37.1

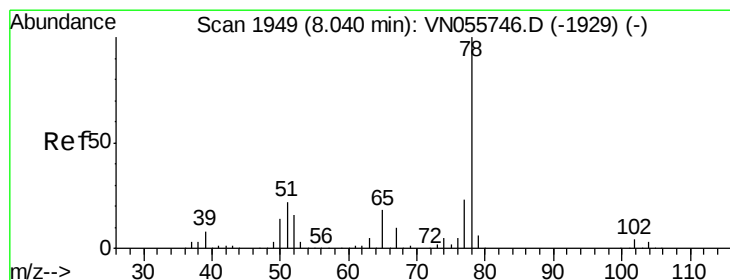
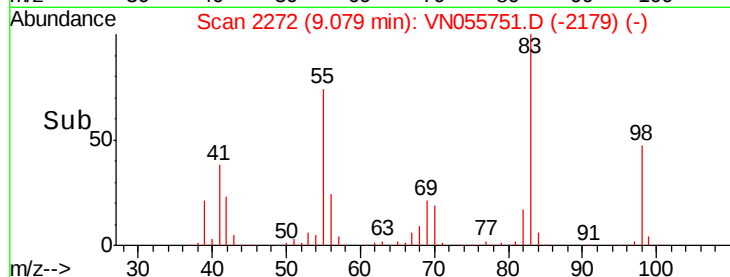
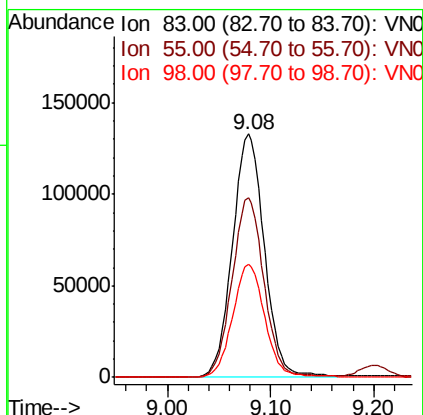
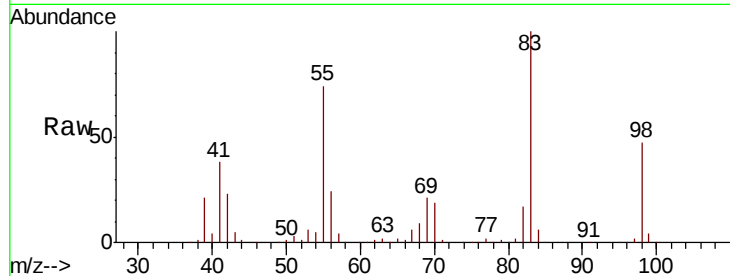




#39
Methvlcvclohexane
Concen: 49.736 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

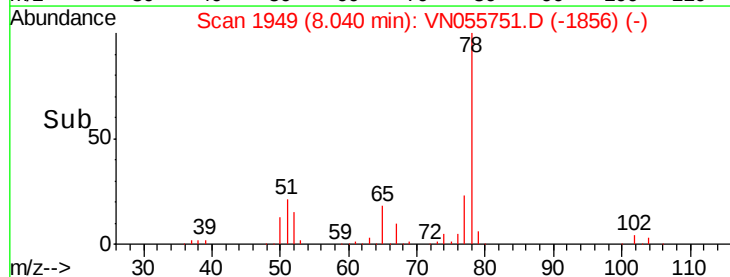
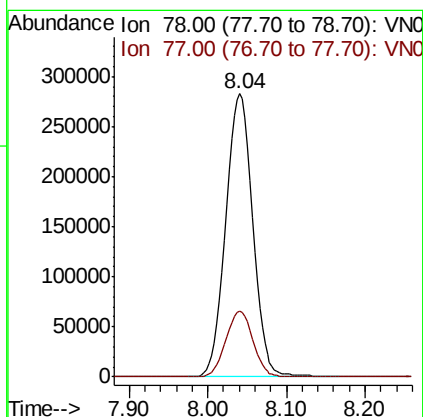
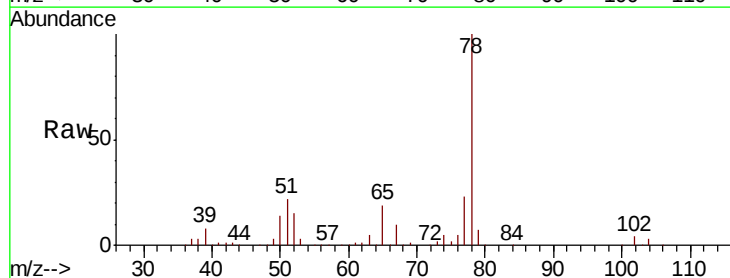
Instrument :
MSVOA_N
ClientSampled :

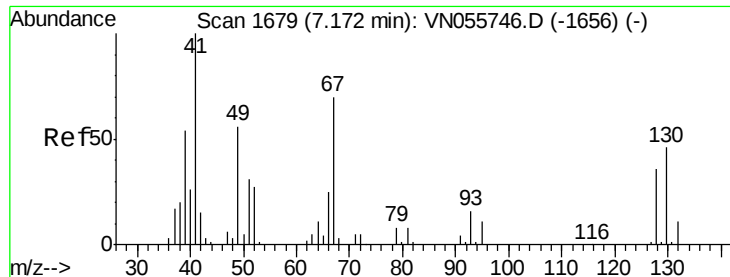
Tot Ion: 83 Resp: 287502
Ion Ratio Lower Upper
83 100
55 73.9 59.3 88.9
98 46.6 36.6 54.8



#40
Benzene
Concen: 47.788 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 78 Resp: 672305
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

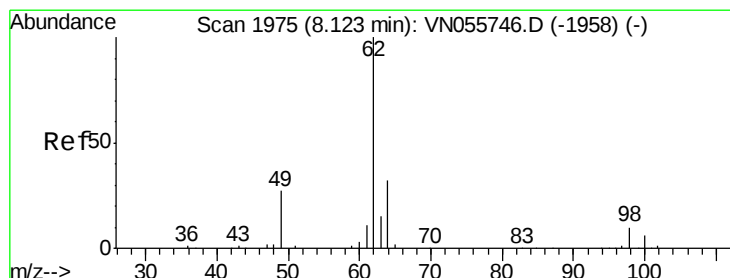
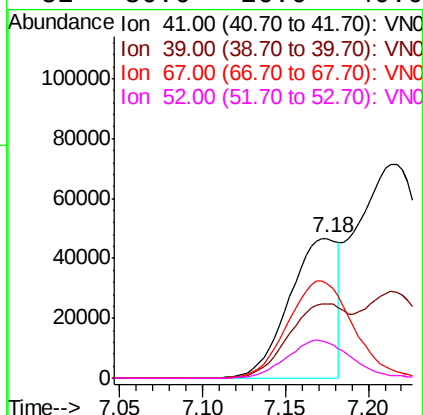
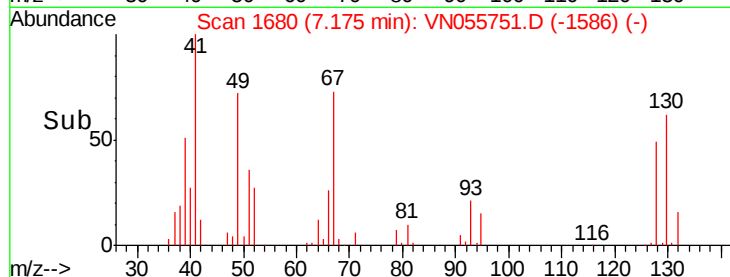
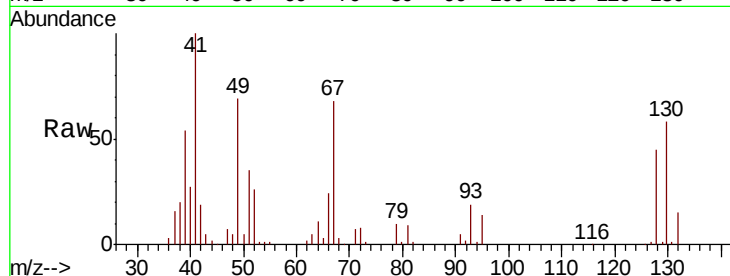




#41
Methacrylonitrile
Concen: 41.837 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

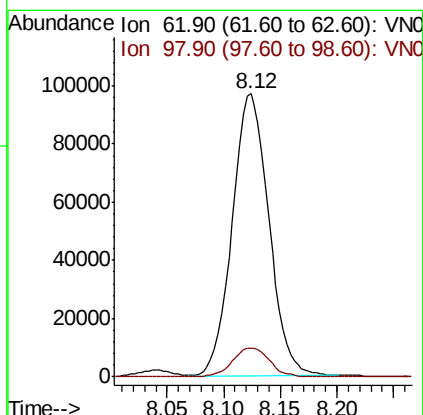
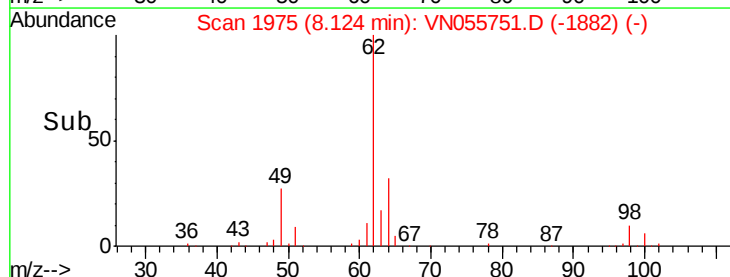
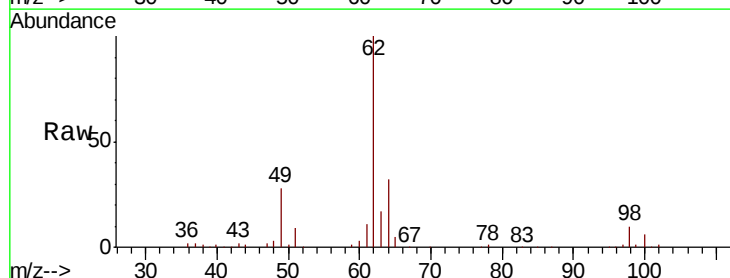
Instrument :
MSVOA_N
ClientSampled :

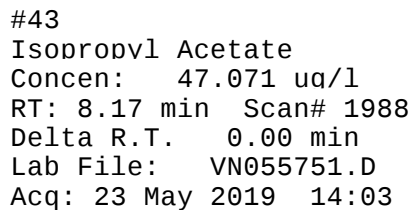
Tot Ion: 41 Resp: 95359
Ion Ratio Lower Upper
41 100
39 66.9 45.6 68.4
67 94.6 67.7 101.5
52 36.6 26.6 40.0



#42
1,2-Dichloroethane
Concen: 47.629 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

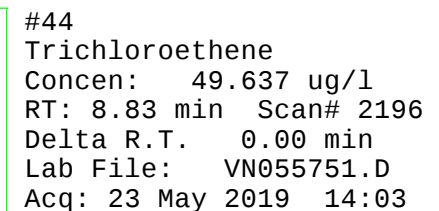
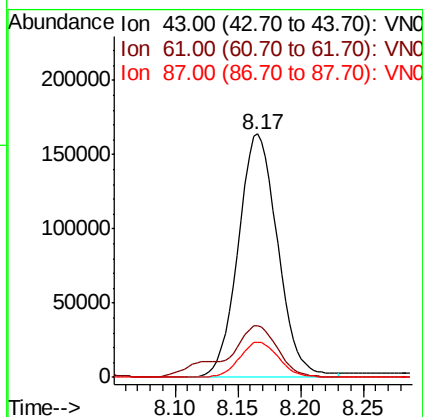
Tgt Ion: 62 Resp: 218955
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2



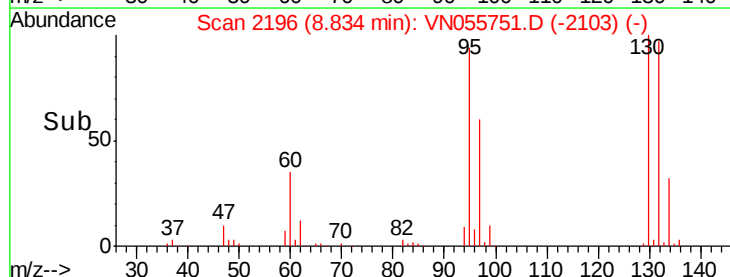
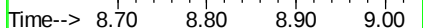
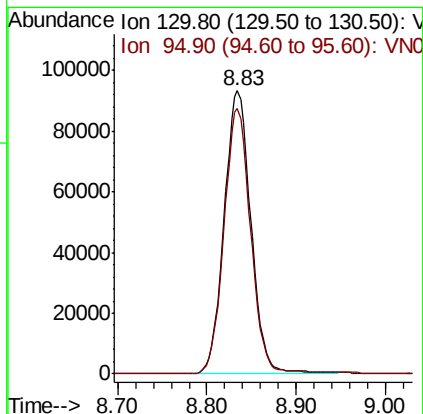


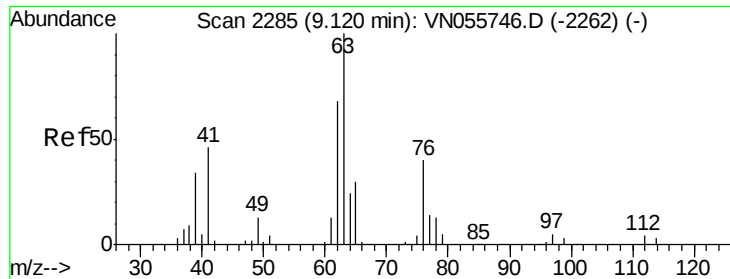
Instrument :
MSVOA_N
ClientSampleId :

Tot	Ion: 43	Resp:	356815
Ion	Ratio	Lower	Upper
43	100		
61	21.6	22.2	33.4#
87	14.6	11.4	17.2



Tgt	Ion:130	Resp:	194679
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 47.889 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

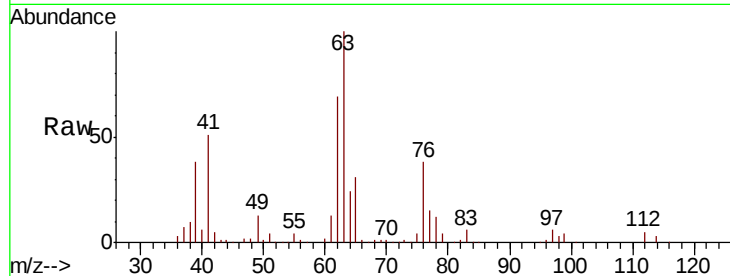
ClientSampleId :

Tot Ion: 63 Resp: 175536

Ion Ratio Lower Upper

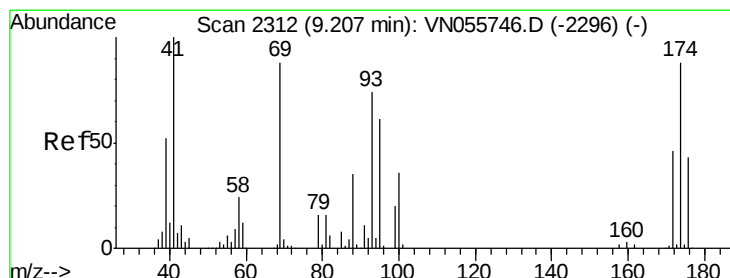
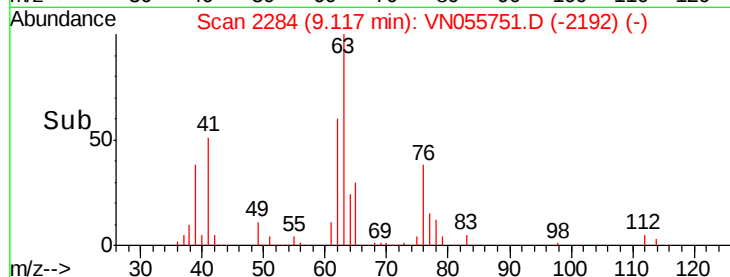
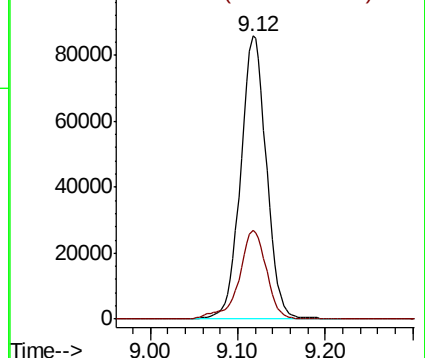
63 100

65 31.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055746.D (-2262) (-)



#46

Dibromomethane

Concen: 48.517 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

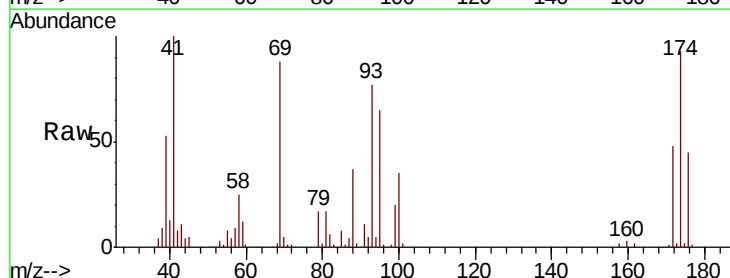
Tgt Ion: 93 Resp: 116627

Ion Ratio Lower Upper

93 100

95 85.3 66.7 100.1

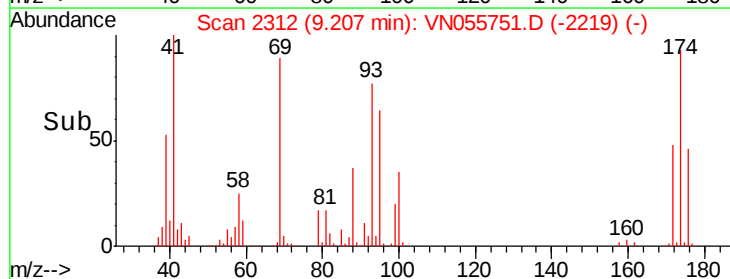
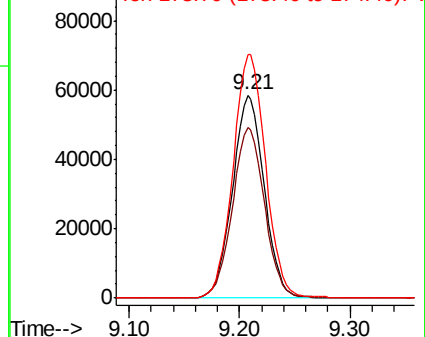
174 123.1 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN055746.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN055746.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN055746.D (-2296) (-)





#47

Bromodichloromethane

Concen: 47.906 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

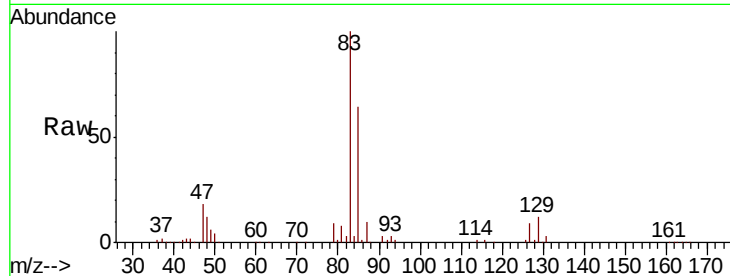
Tot Ion: 83 Resp: 236134

Ion Ratio Lower Upper

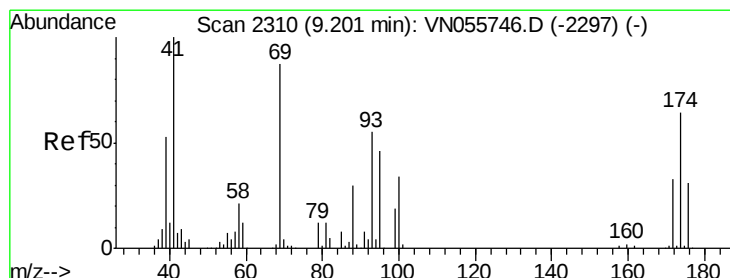
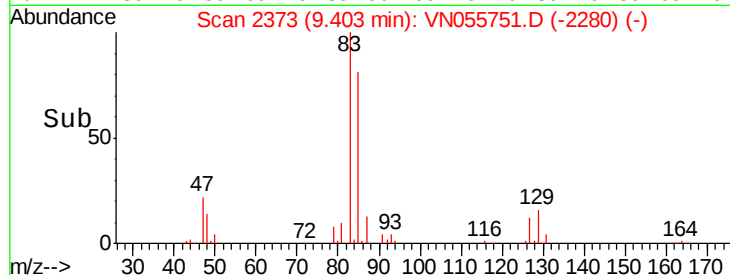
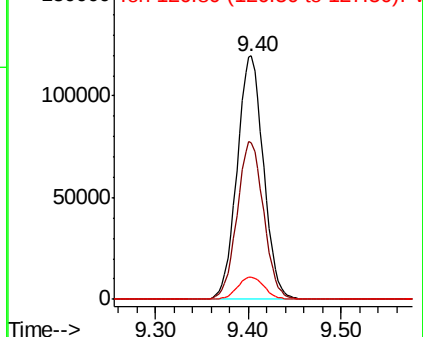
83 100

85 64.4 52.2 78.2

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 49.878 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

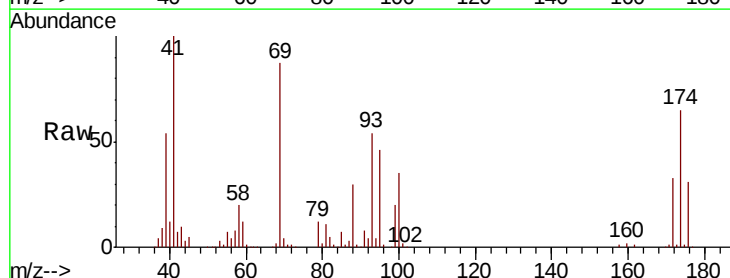
Tgt Ion: 41 Resp: 174254

Ion Ratio Lower Upper

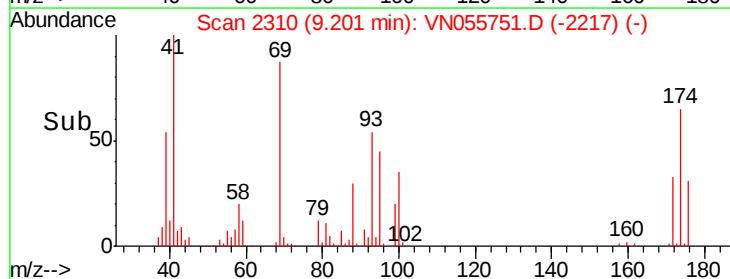
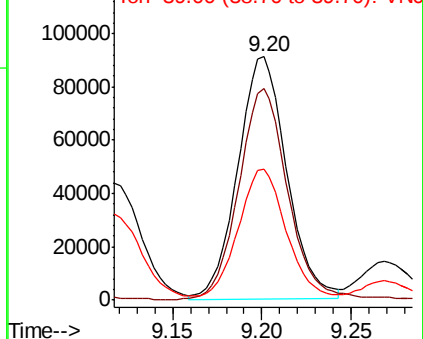
41 100

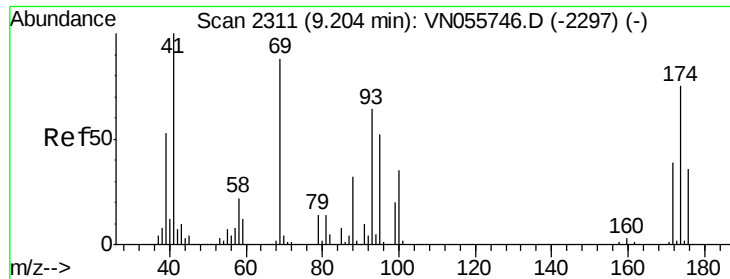
69 87.9 71.0 106.6

39 53.6 44.2 66.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 992.082 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

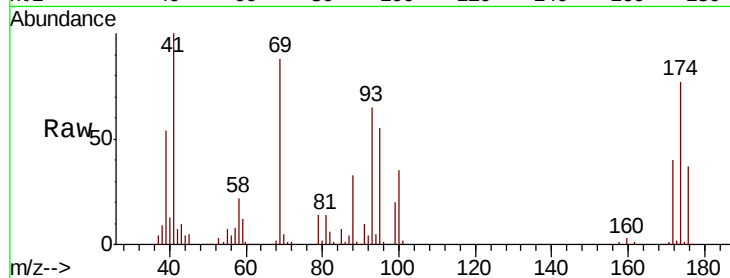
Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 72025

Ion	Ratio	Lower	Upper
88	100		
43	25.3	20.5	30.7
58	68.5	55.8	83.6

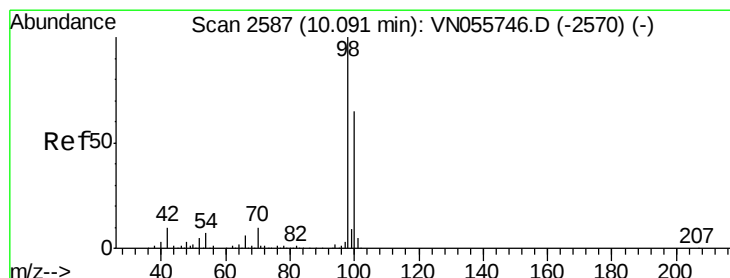
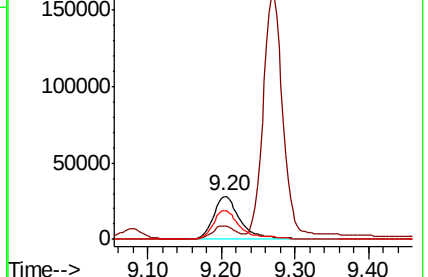
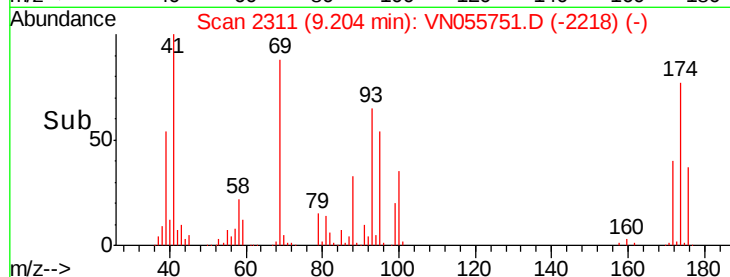


Abundance

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: 49.799 ug/l

RT: 10.09 min Scan# 2586

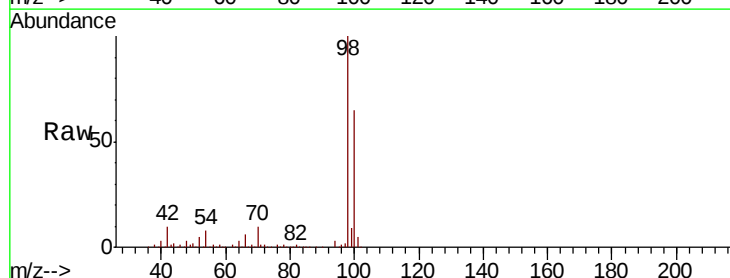
Delta R.T. -0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Tgt Ion: 98 Resp: 646926

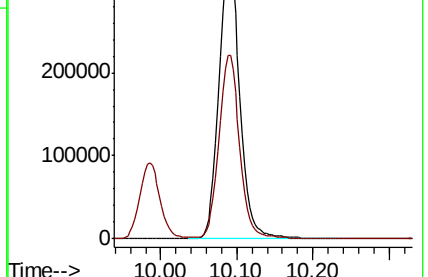
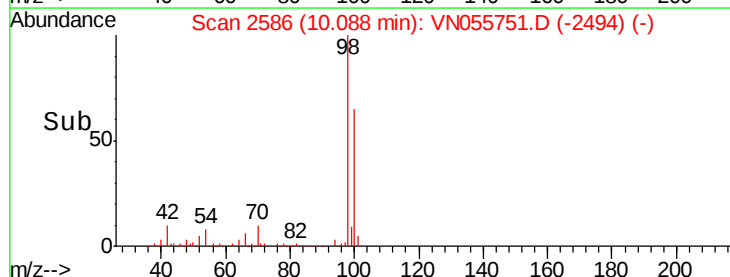
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

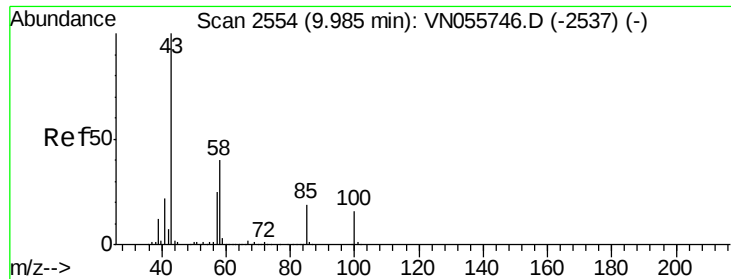


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 238.444 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

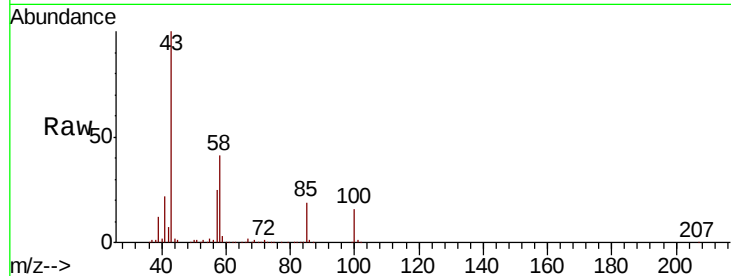
ClientSampleId :

Tot Ion: 43 Resp: 1067504

Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

600000

500000

400000

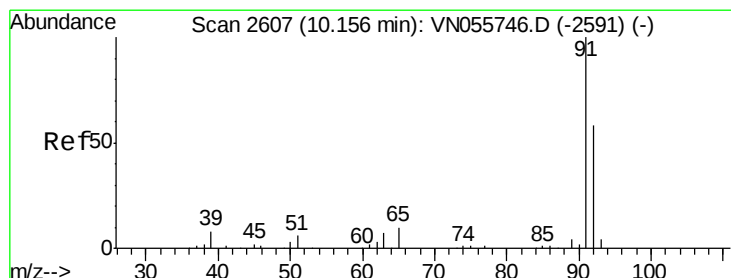
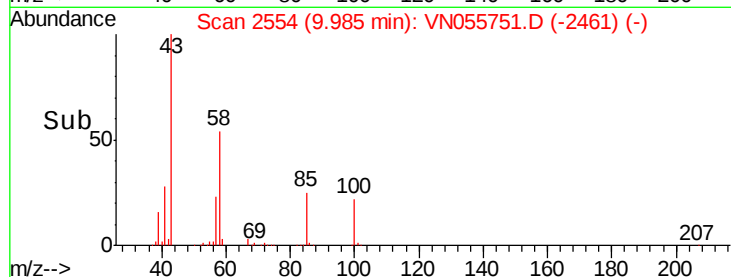
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.629 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055751.D

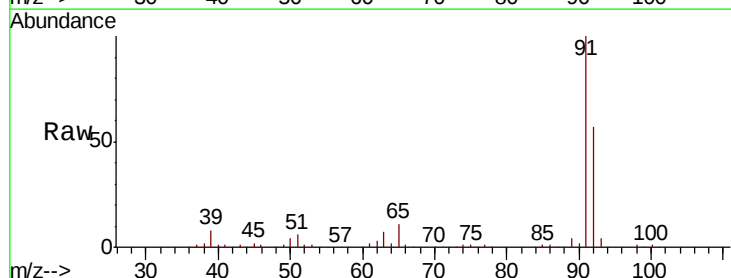
Acq: 23 May 2019 14:03

Tgt Ion: 92 Resp: 430270

Ion Ratio Lower Upper

92 100

91 174.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

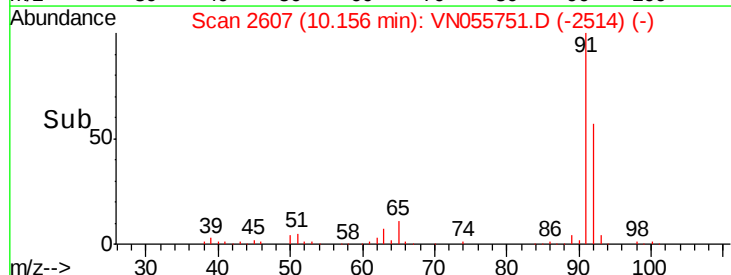
300000

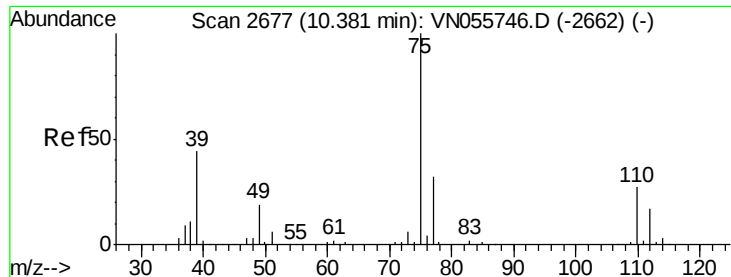
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.713 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

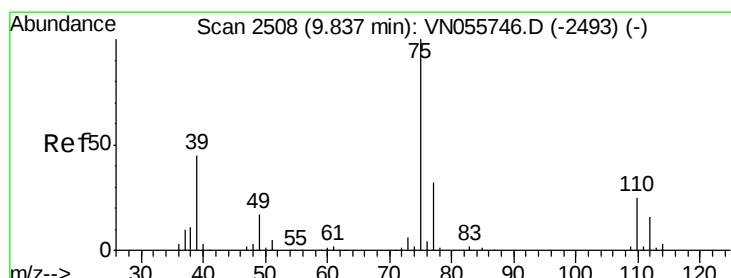
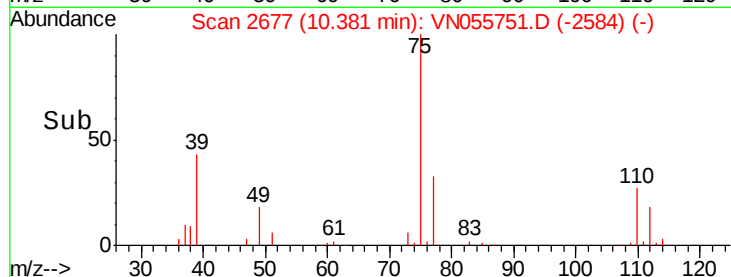
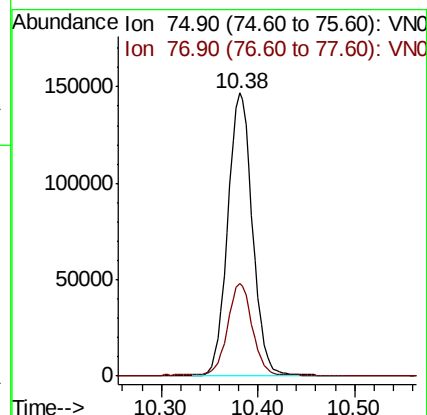
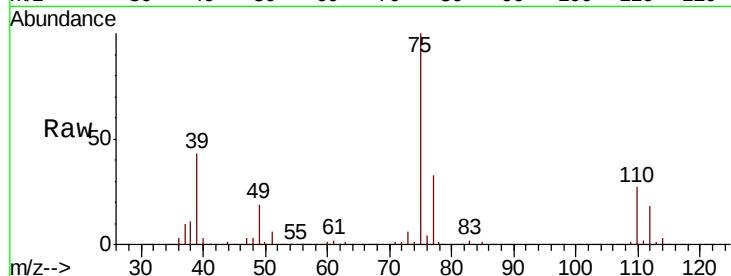
ClientSampleId :

Tot Ion: 75 Resp: 261566

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.223 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

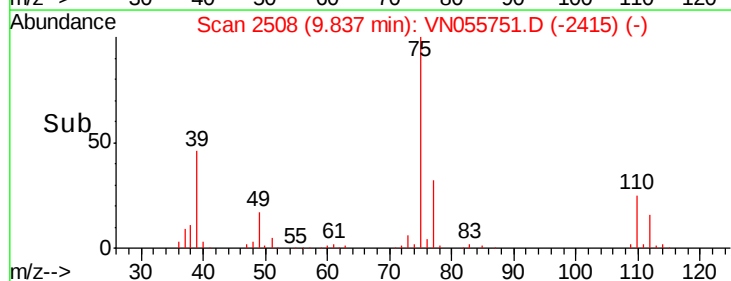
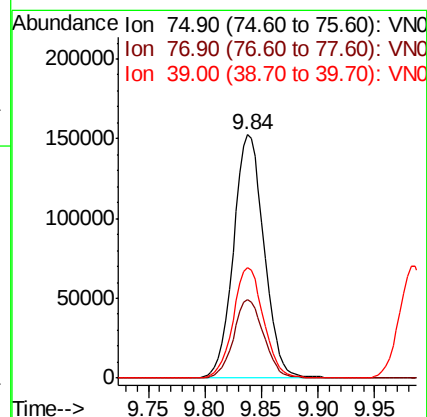
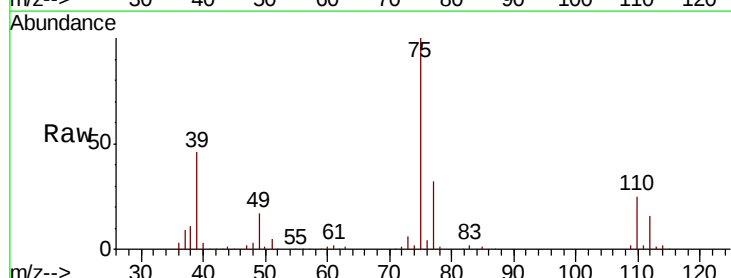
Tgt Ion: 75 Resp: 286905

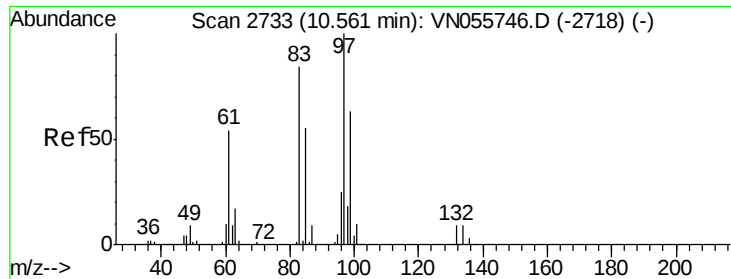
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 45.6 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 48.002 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 170150

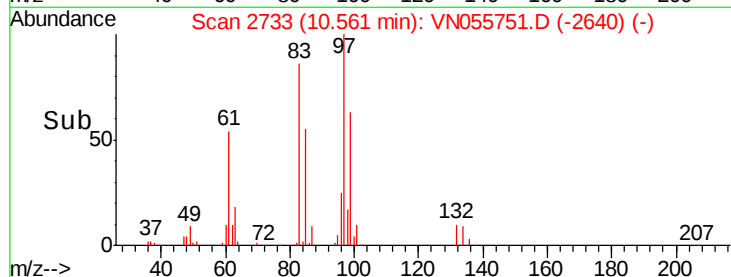
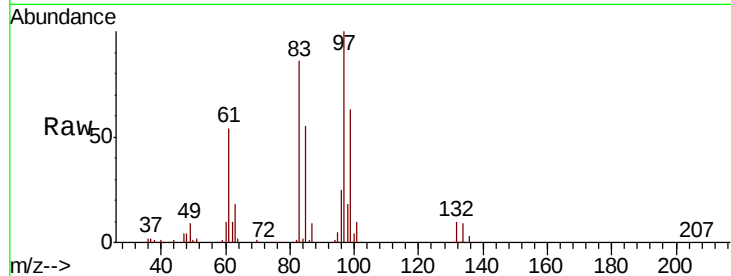
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.0	100.6
85	55.4	44.0	66.0
99	63.0	50.6	75.8

97 100

83 86.2 67.0 100.6

85 55.4 44.0 66.0

99 63.0 50.6 75.8

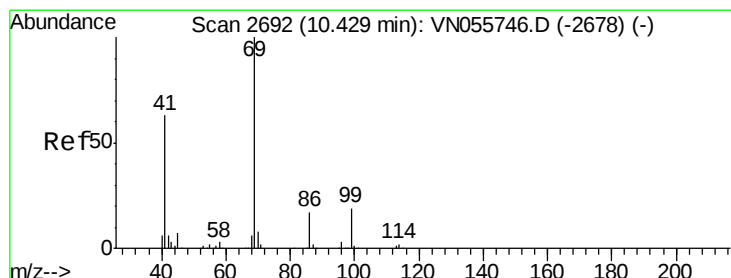
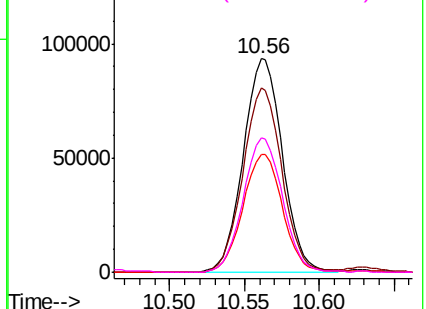


Abundance Ion 96.90 (96.60 to 97.60): VNO

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: 48.920 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

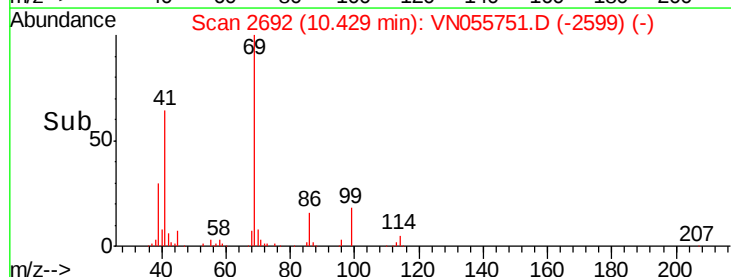
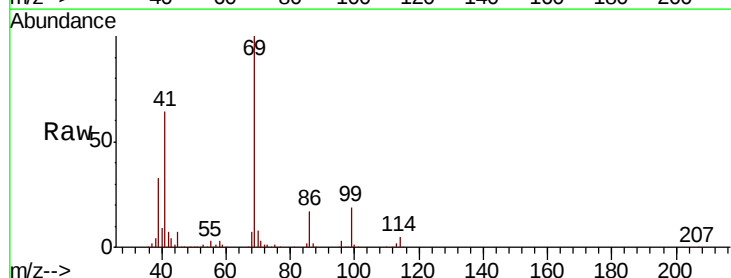
Tgt Ion: 69 Resp: 267992

Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.7	74.5
39	32.0	24.7	37.1

69 100

41 62.5 49.7 74.5

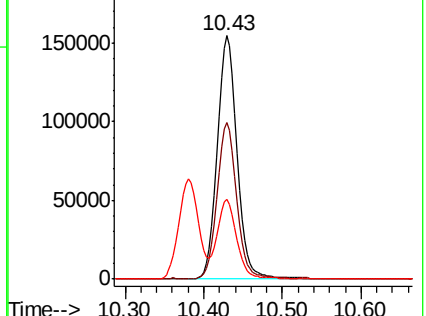
39 32.0 24.7 37.1

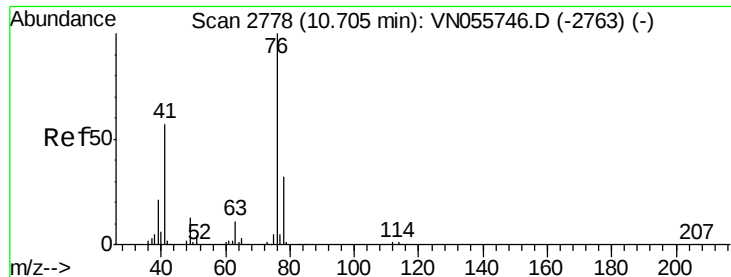


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

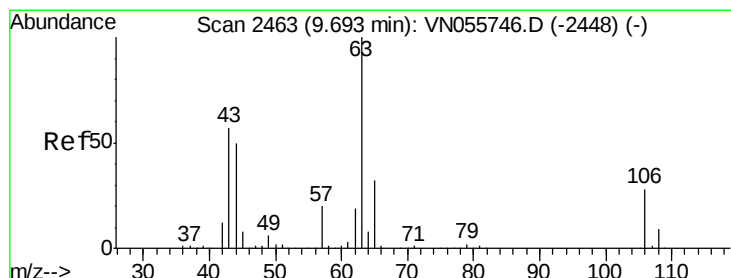
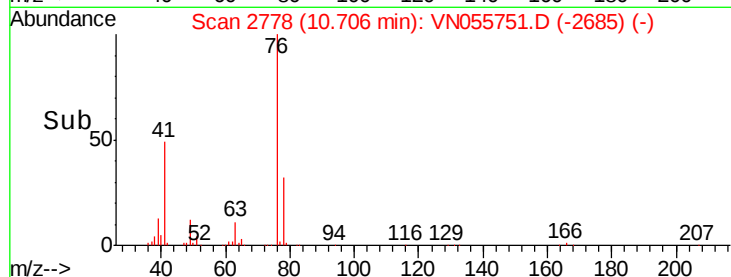
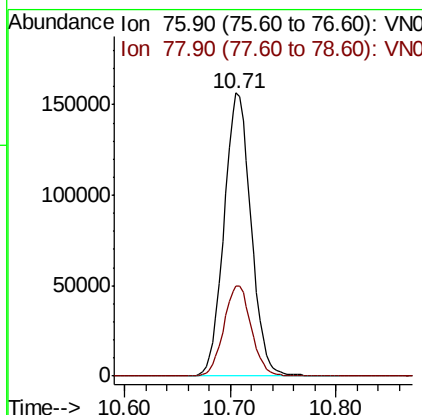
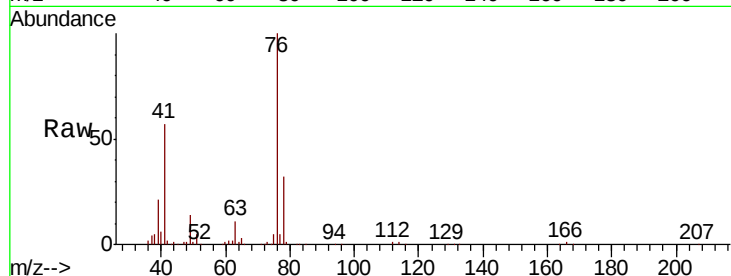




#57
 1,3-Dichloropropane
 Concen: 48.053 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

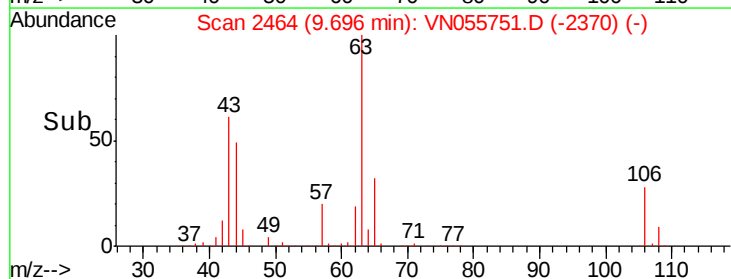
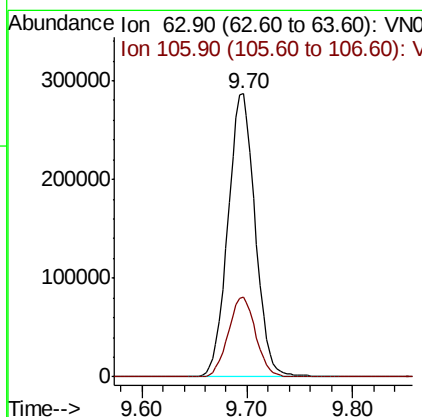
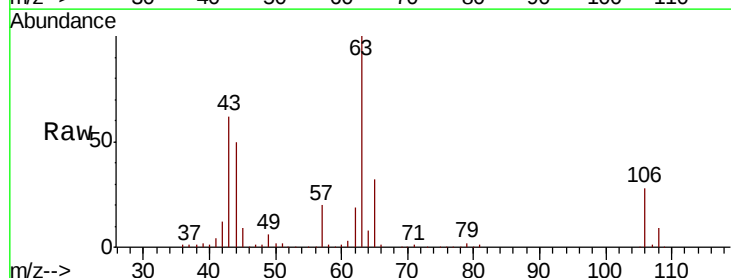
Instrument :
 MSVOA_N
 ClientSampleId :

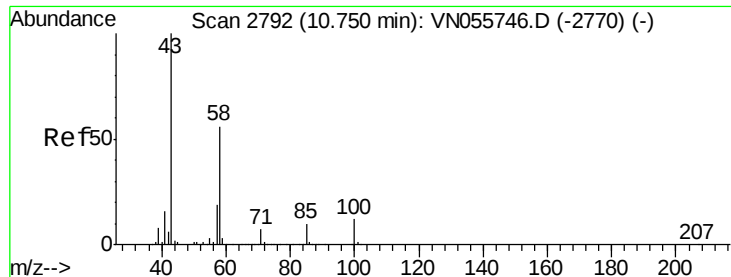
Tot Ion: 76 Resp: 276870
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.589 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion: 63 Resp: 512053
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

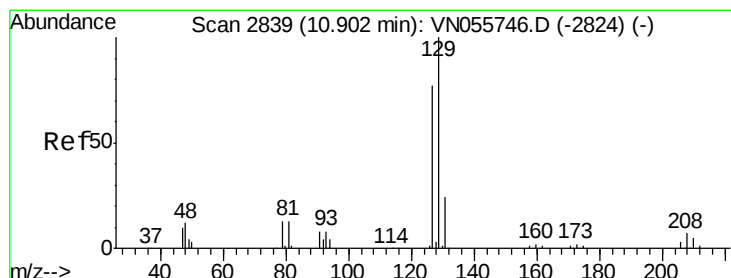
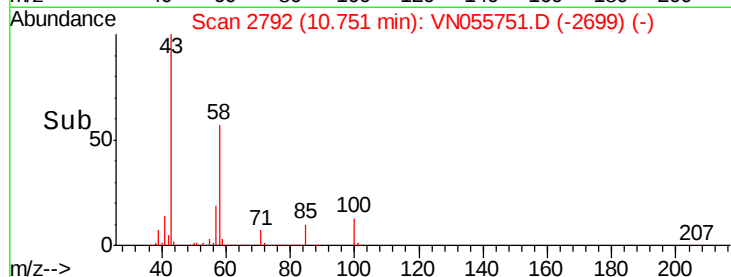
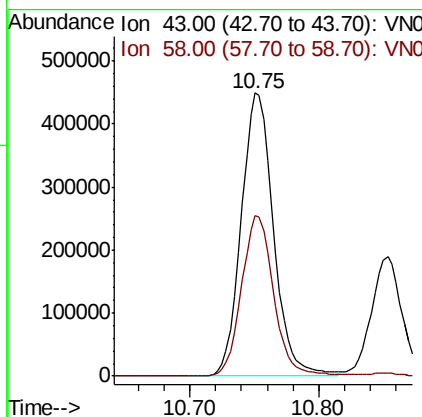
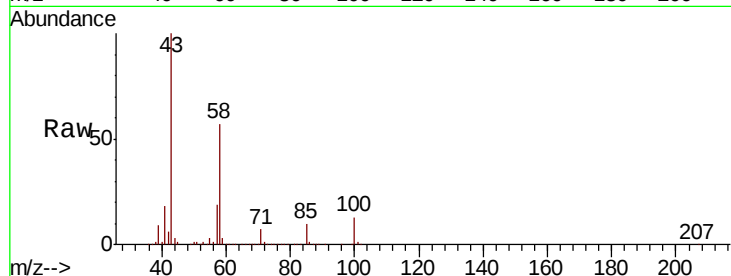




#59
2-Hexanone
Concen: 246.243 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

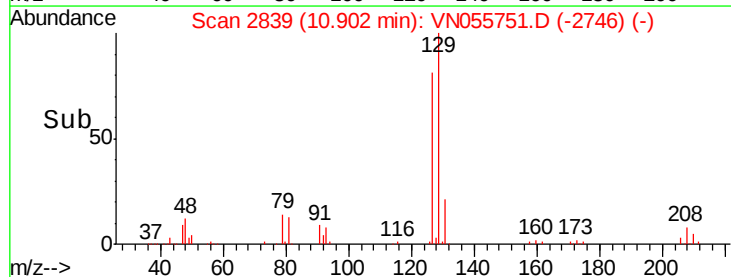
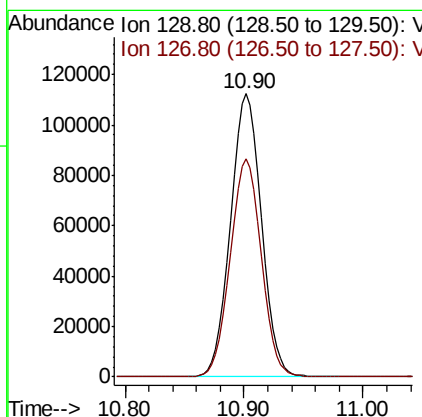
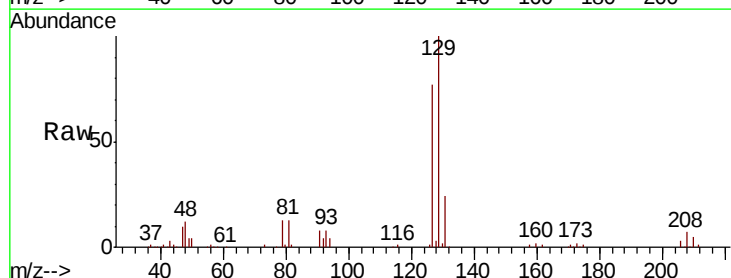
Instrument :
MSVOA_N
ClientSampled :

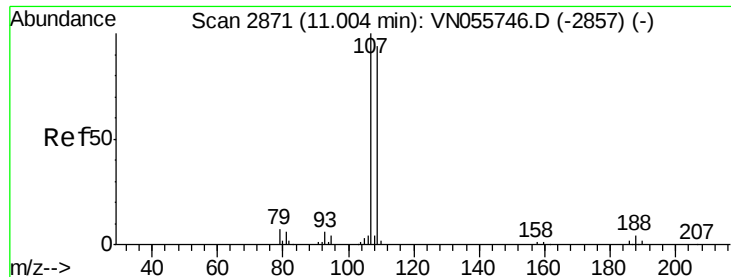
Tot Ion: 43 Resp: 782065
Ion Ratio Lower Upper
43 100
58 56.7 28.2 84.7



#60
Dibromochloromethane
Concen: 49.146 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 129 Resp: 202939
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

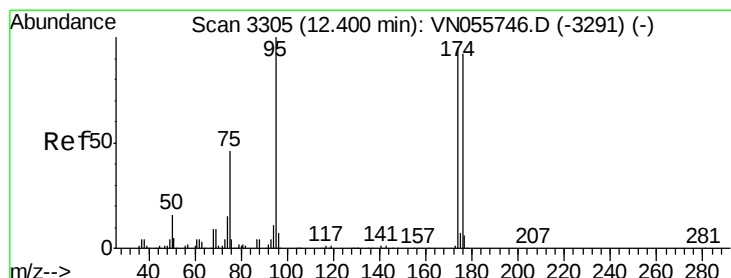
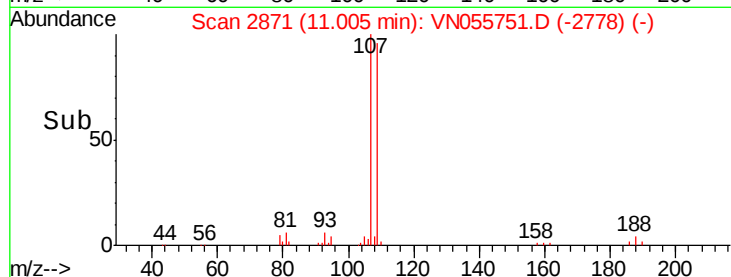
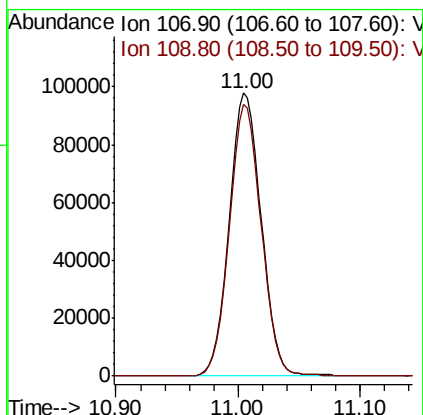
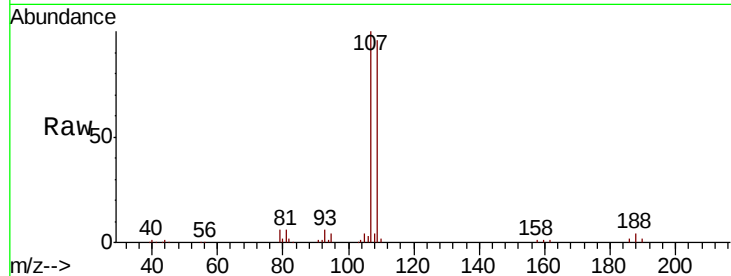




#61
 1,2-Dibromoethane
 Concen: 48.627 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

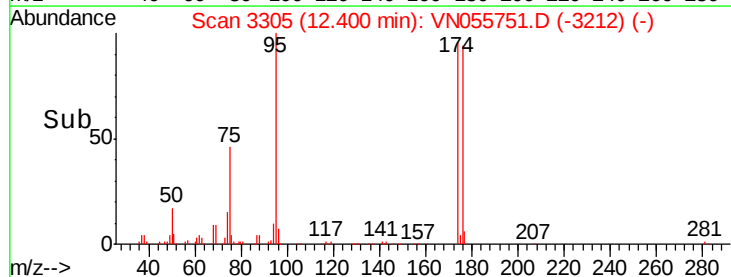
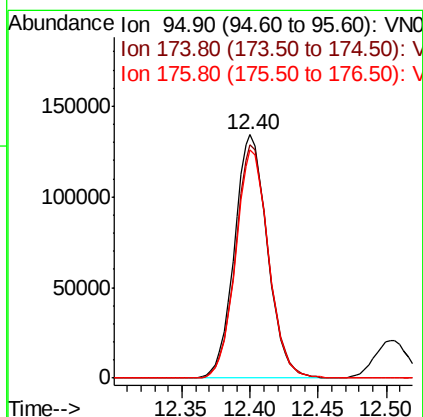
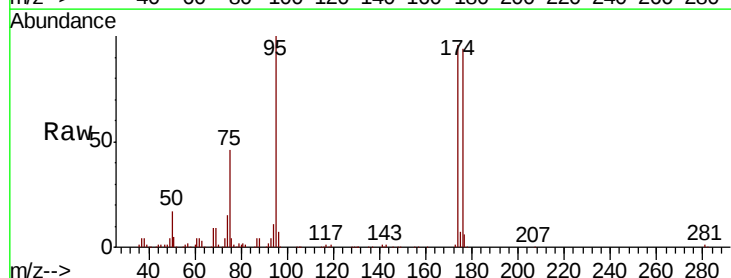
Instrument :
 MSVOA_N
 ClientSampled :

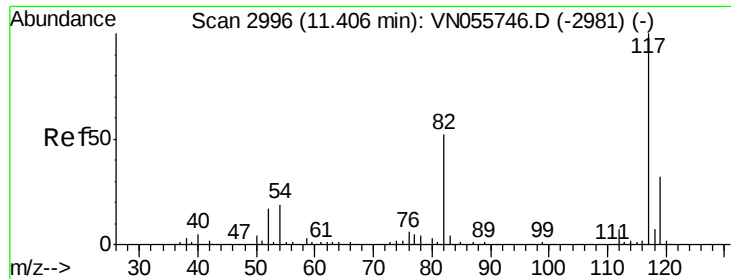
Tot Ion:107 Resp: 178787
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.570 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion: 95 Resp: 225257
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.0
 176 93.4 0.0 185.2

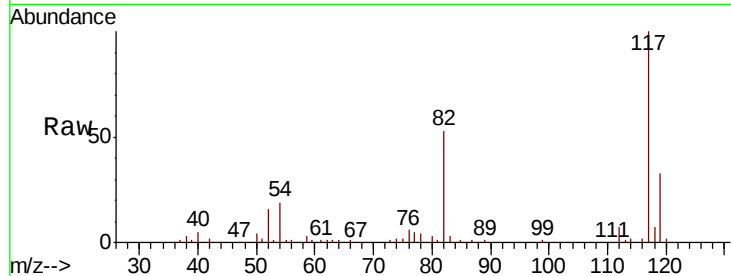




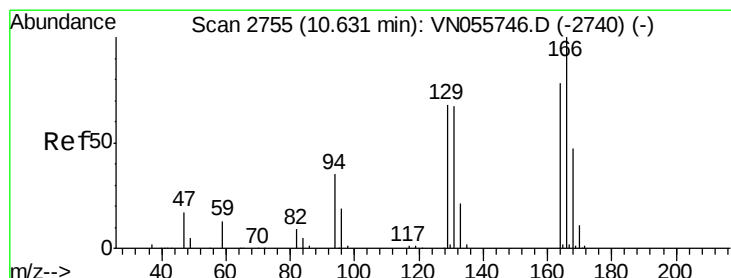
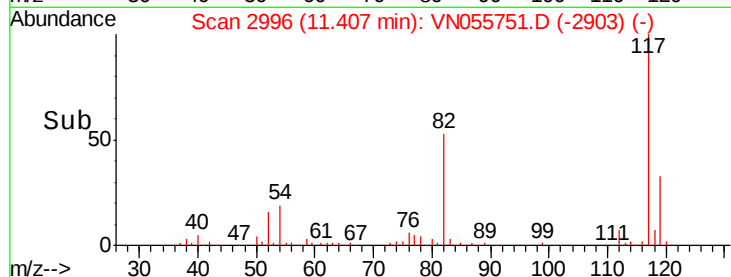
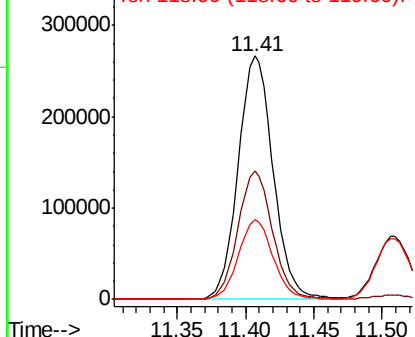
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 474668
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.7 25.4 38.0

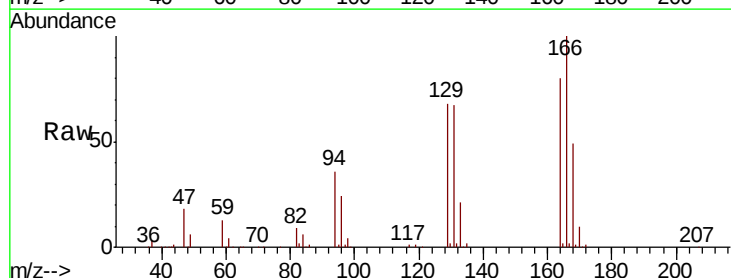


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

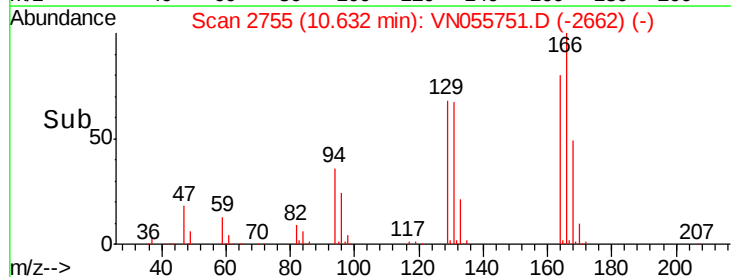
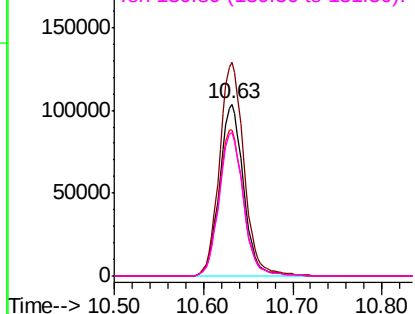


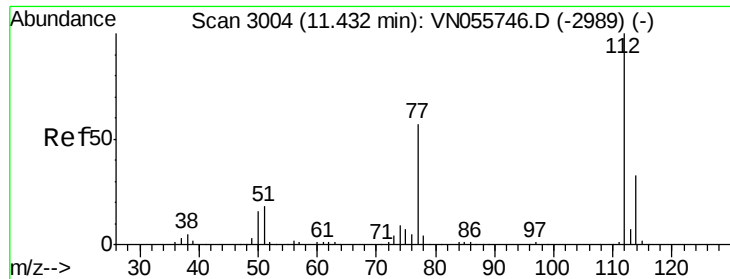
#64
Tetrachloroethene
Concen: 48.168 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion:164 Resp: 192838
Ion Ratio Lower Upper
164 100
166 124.4 103.0 154.6
129 85.1 70.6 105.8
131 83.3 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

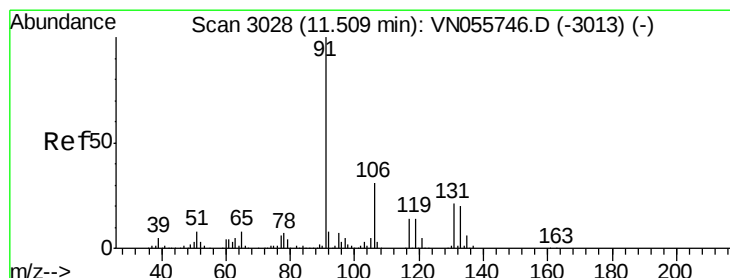
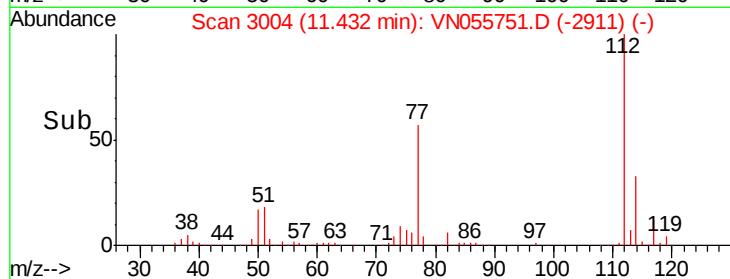
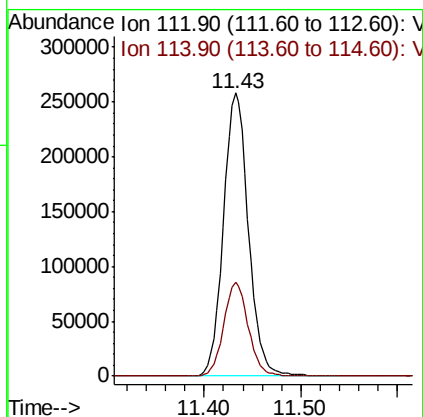
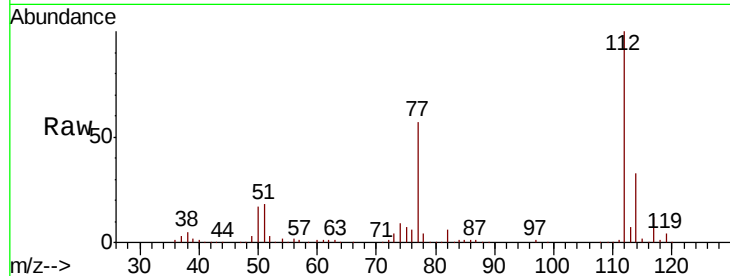




#65
Chlorobenzene
Concen: 48.715 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

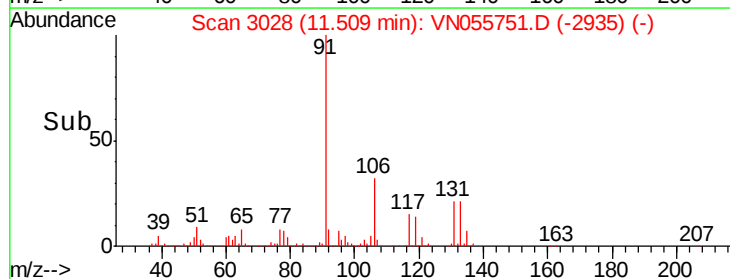
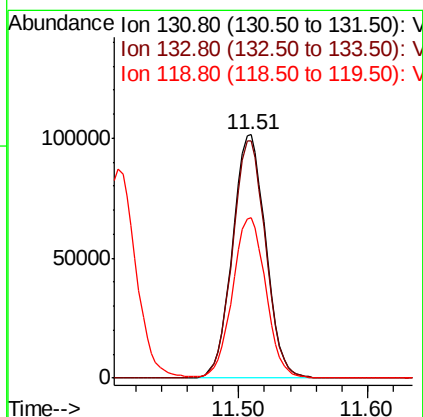
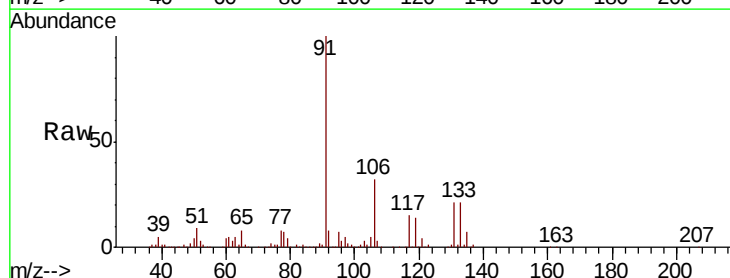
Instrument :
MSVOA_N
ClientSampled :

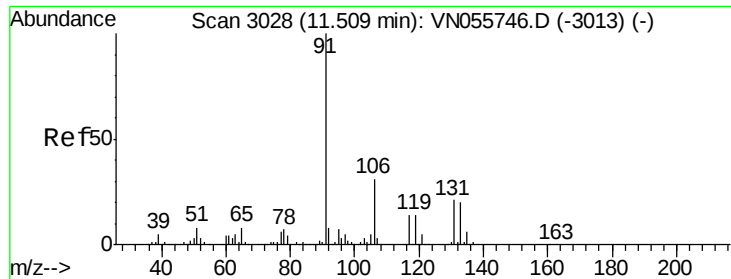
Tot Ion:112 Resp: 462904
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.900 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion:131 Resp: 181536
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 66.1 33.1 99.5

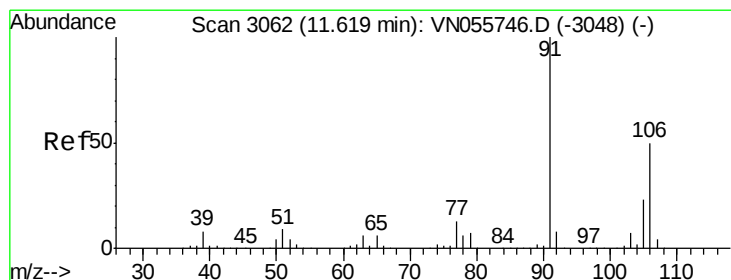
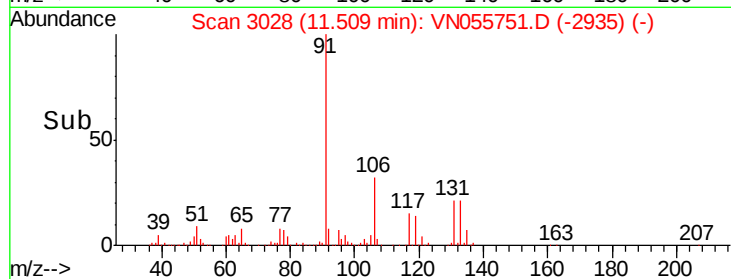
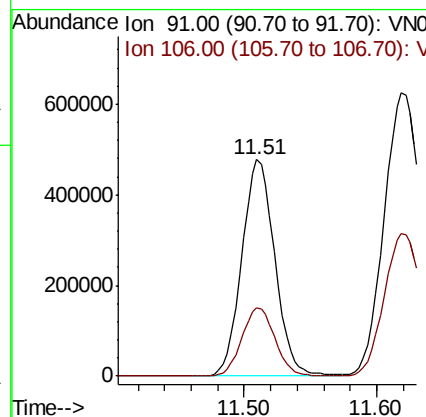
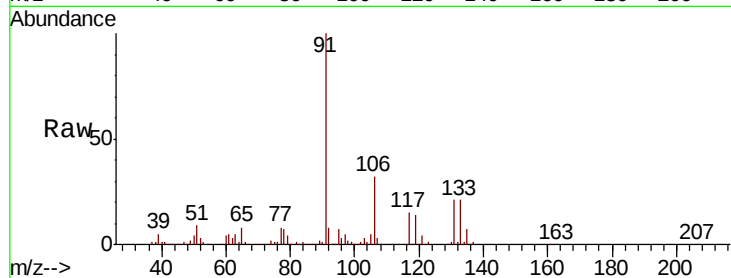




#67
Ethyl Benzene
Concen: 48.460 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

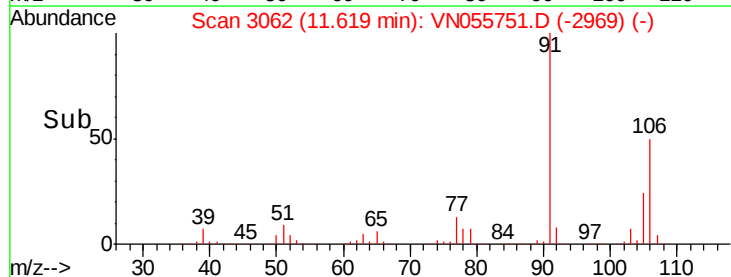
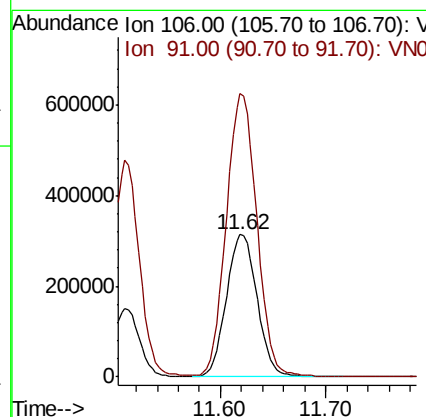
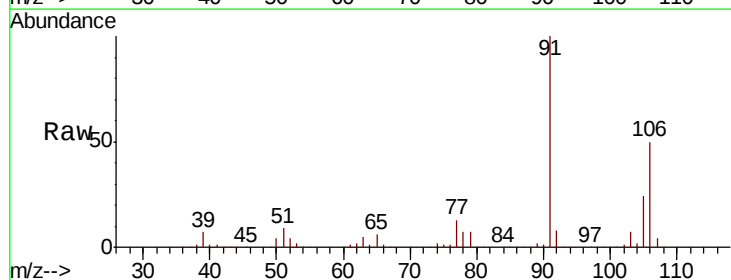
Instrument :
MSVOA_N
ClientSampleId :

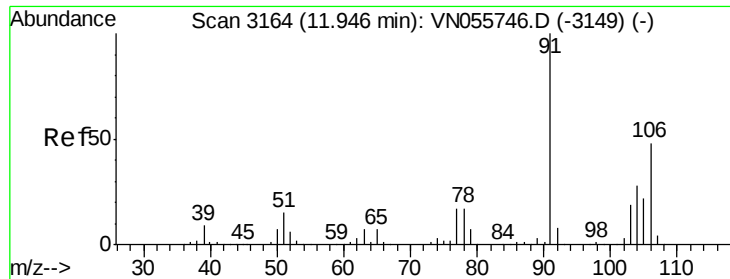
Tot Ion: 91 Resp: 825782
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 98.376 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 106 Resp: 633750
Ion Ratio Lower Upper
106 100
91 197.8 159.3 238.9

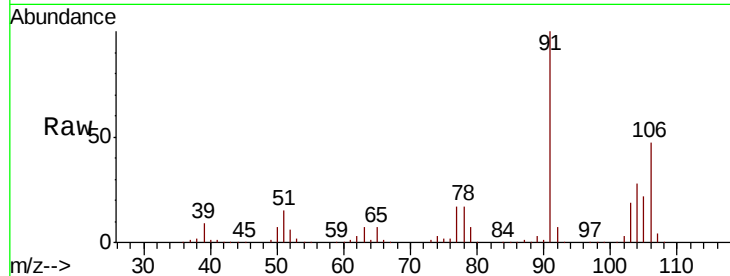




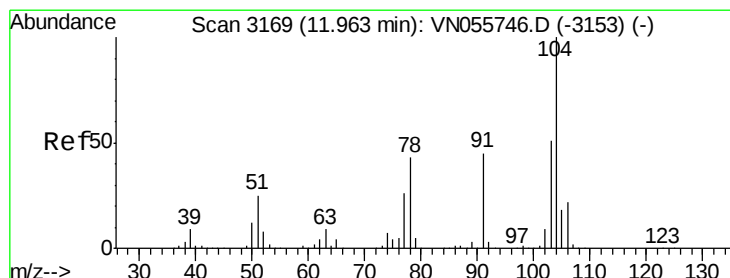
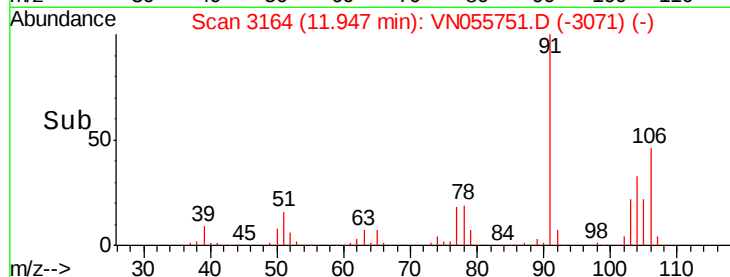
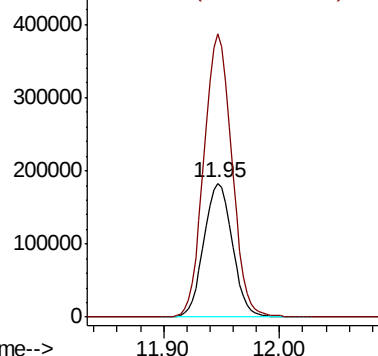
#69
o-Xylene
Concen: 48.660 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 311004
Ion Ratio Lower Upper
106 100
91 208.3 104.7 314.1

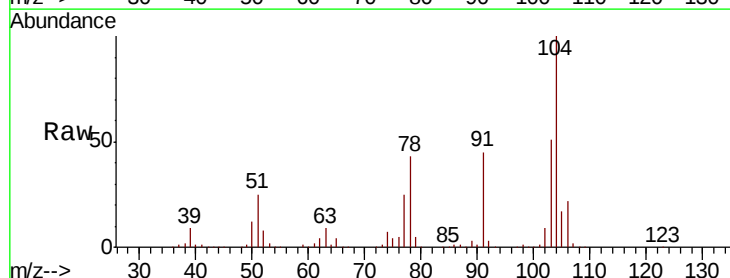


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

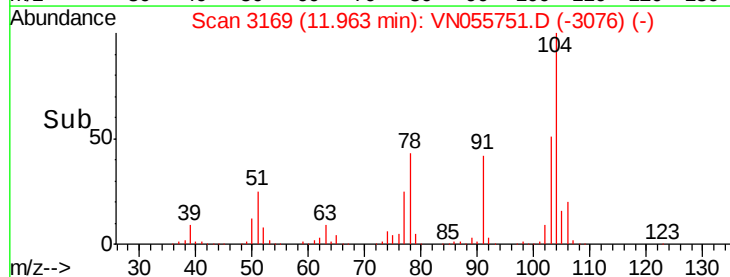
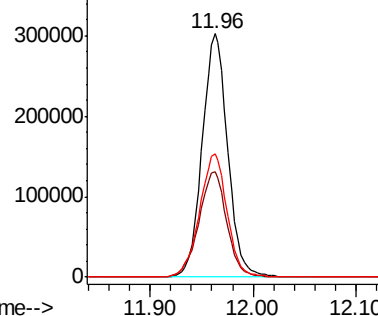


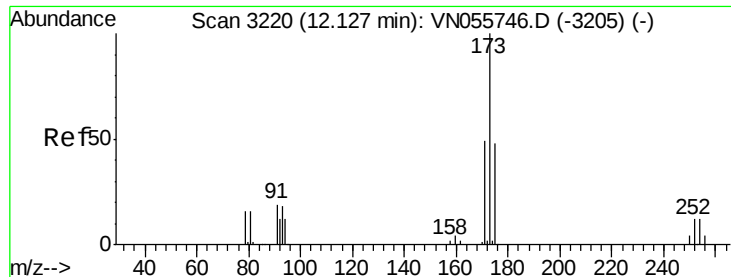
#70
Styrene
Concen: 50.295 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion:104 Resp: 520569
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 54.9 44.2 66.2



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





#71

Bromoform

Concen: 50.020 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

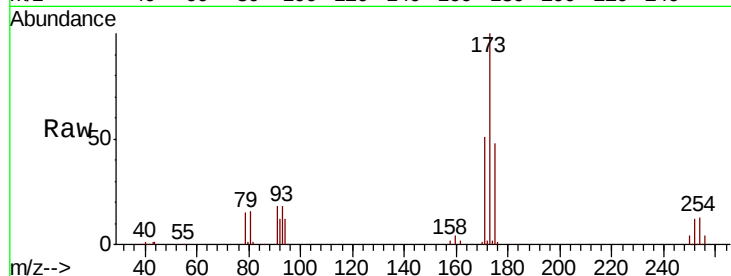
Tot Ion:173 Resp: 161696

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.1 0.0 0.0#

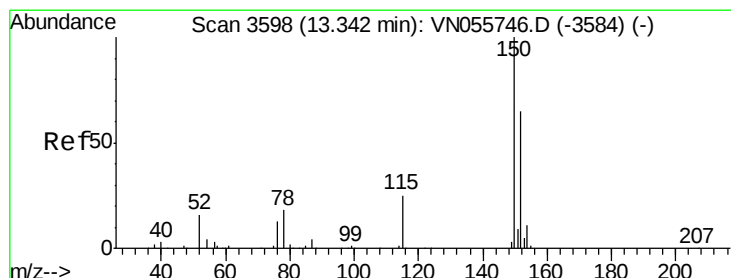
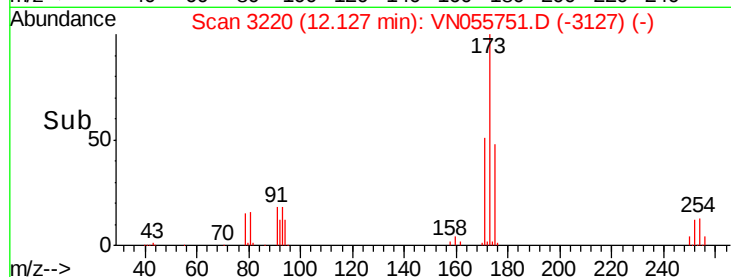
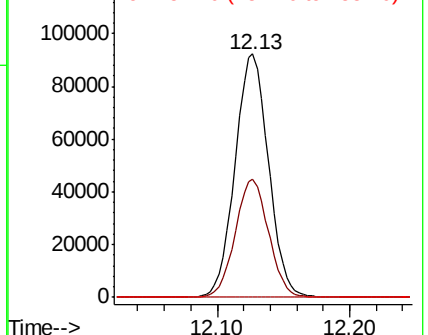


Abundance

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: VN055751.D

Acq: 23 May 2019 14:03

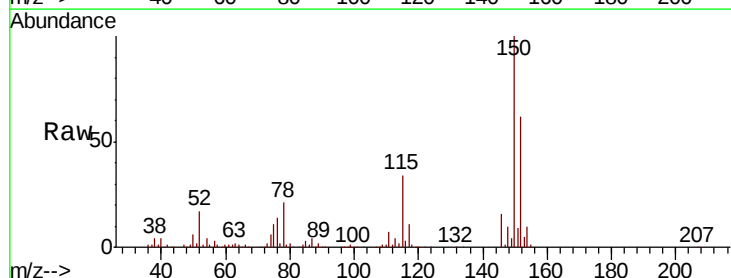
Tgt Ion:152 Resp: 225021

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

150 173.3 0.0 343.2

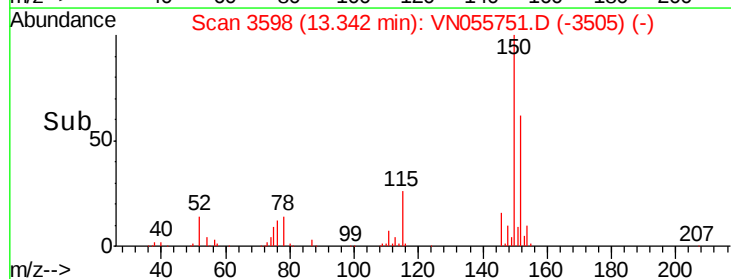
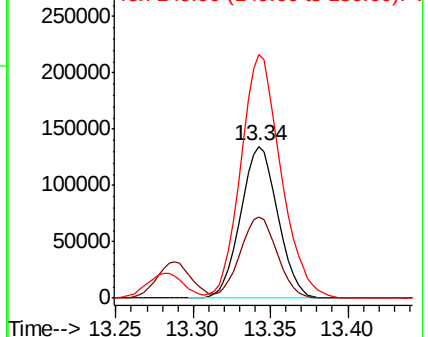


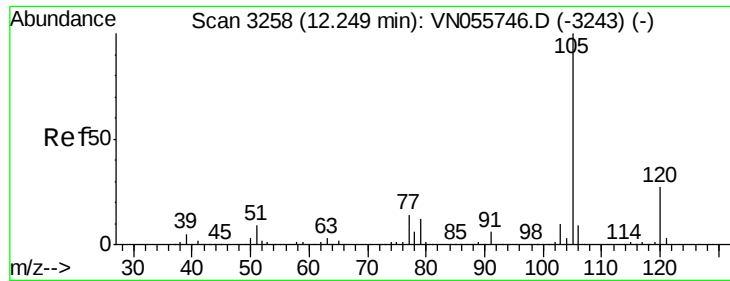
Abundance

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: 51.288 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

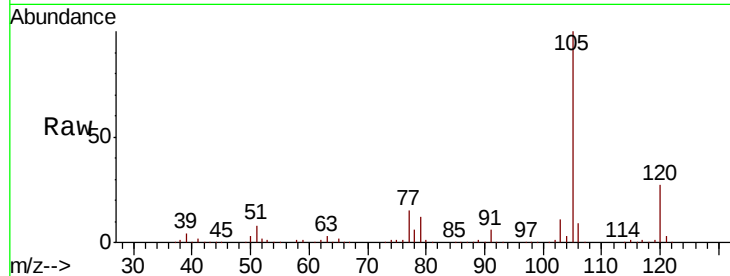
ClientSampled :

Tot Ion:105 Resp: 819839

Ion Ratio Lower Upper

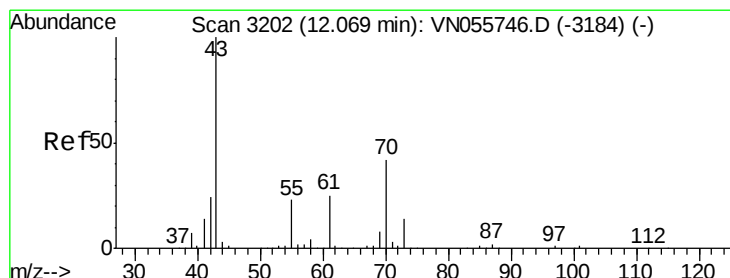
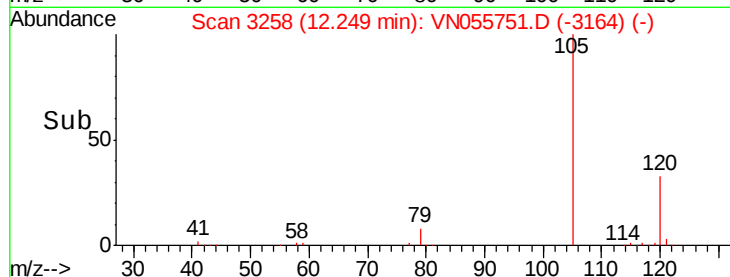
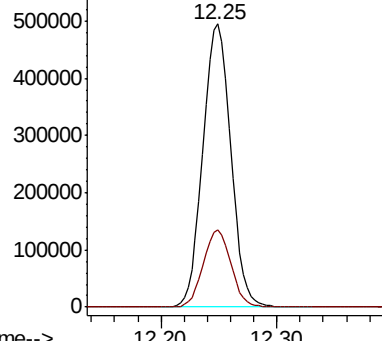
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.118 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Tgt Ion: 43 Resp: 299540

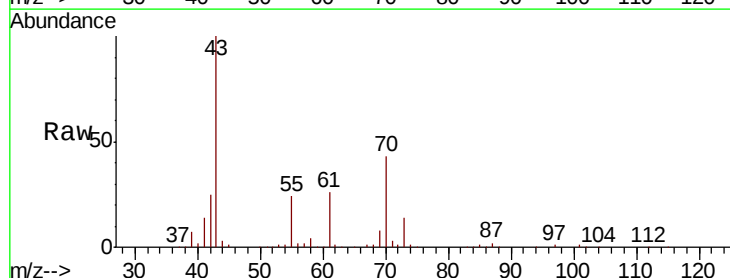
Ion Ratio Lower Upper

43 100

70 43.3 34.0 51.0

55 23.9 18.6 28.0

61 25.4 20.0 30.0

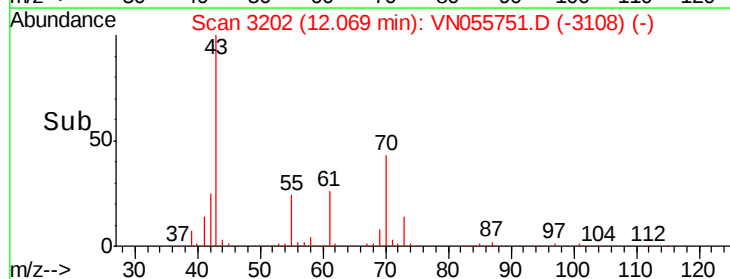
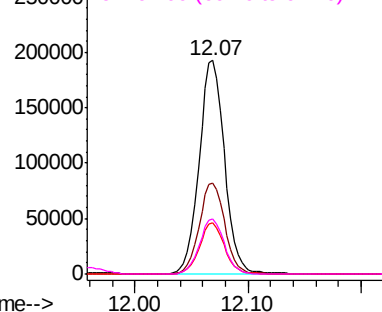


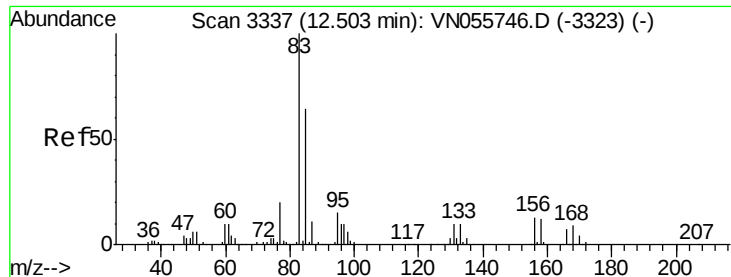
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.210 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

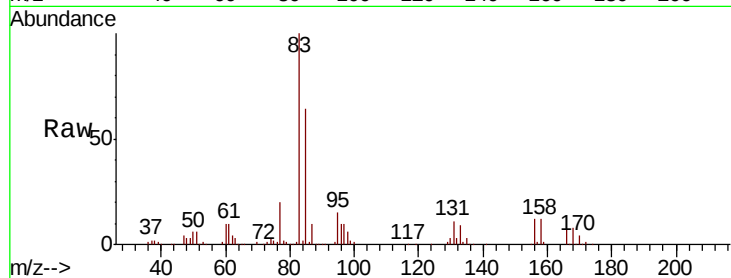
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 237965

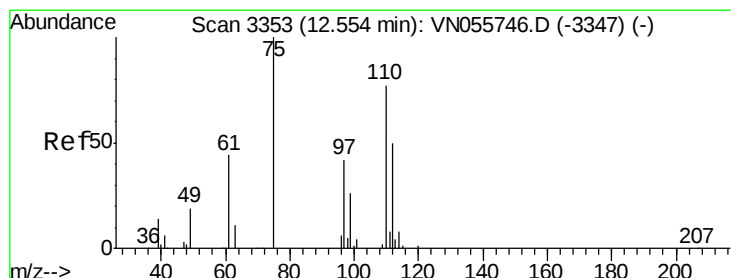
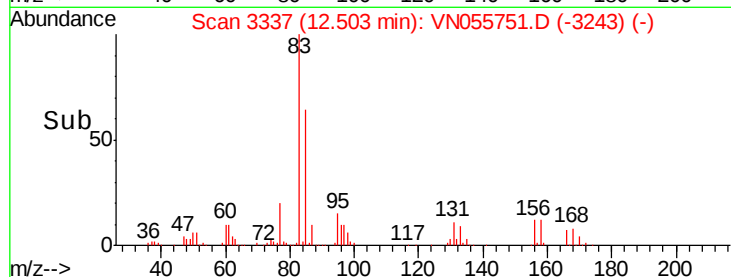
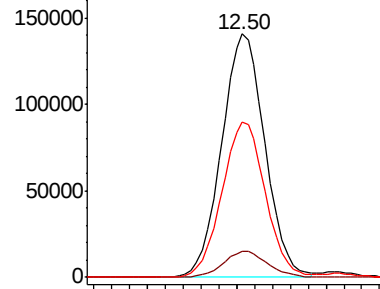
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.4	16.2
85	64.3	32.4	97.0



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: 77.828 ug/l

RT: 12.55 min Scan# 3353

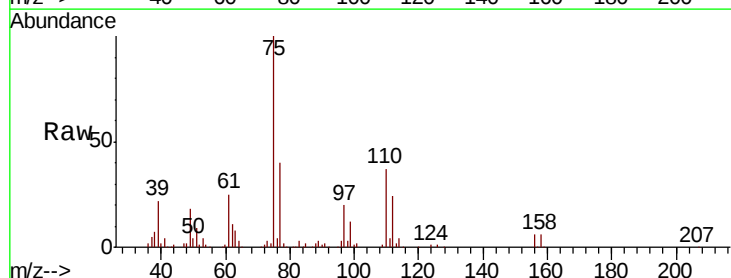
Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

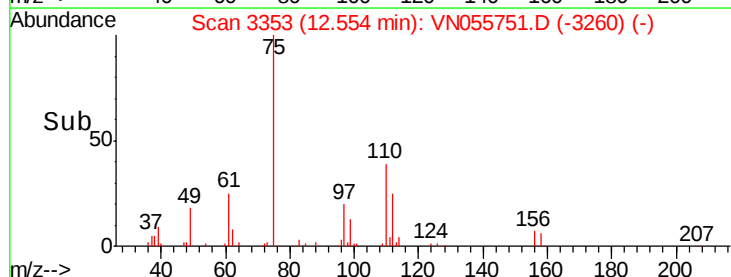
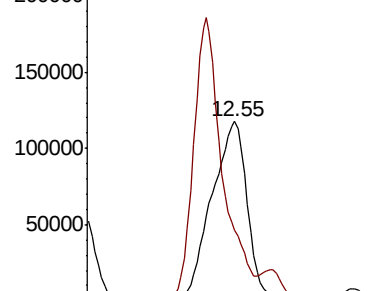
Tgt Ion: 75 Resp: 294764

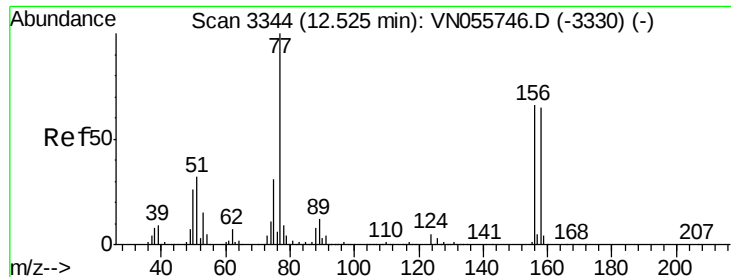
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

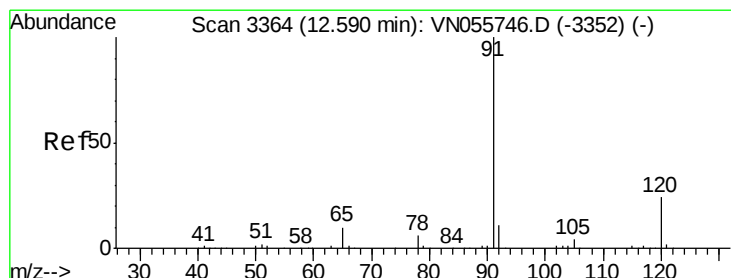
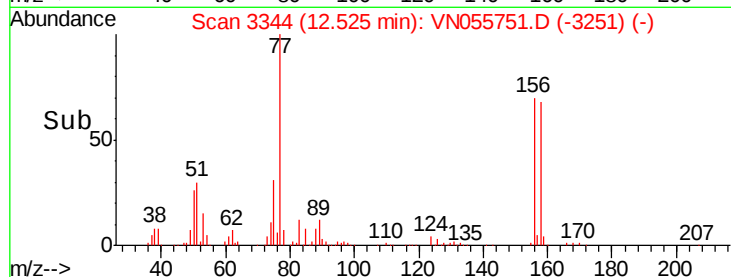
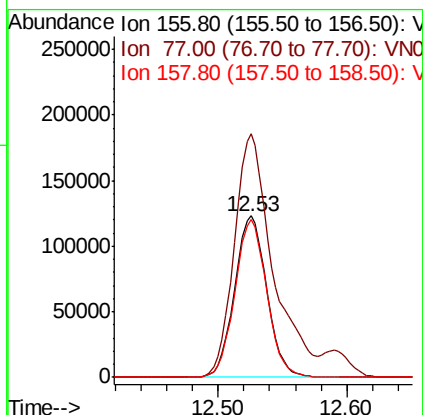
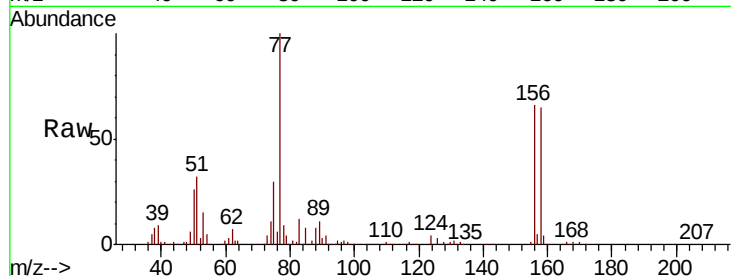




#77
Bromobenzene
Concen: 44.402 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

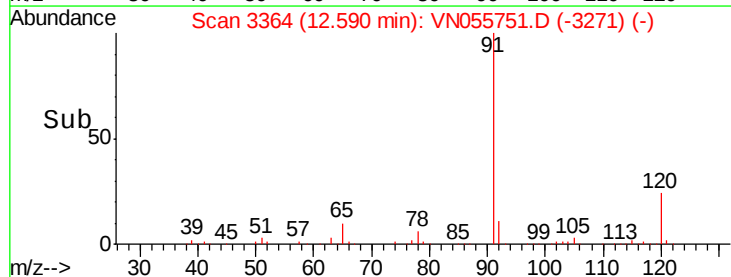
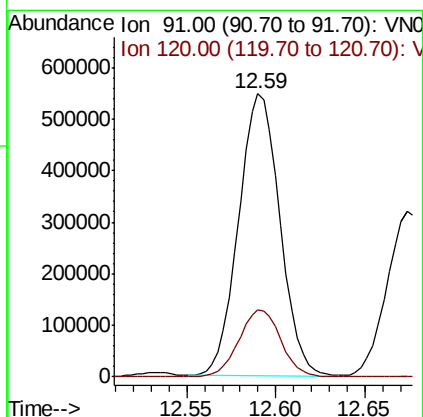
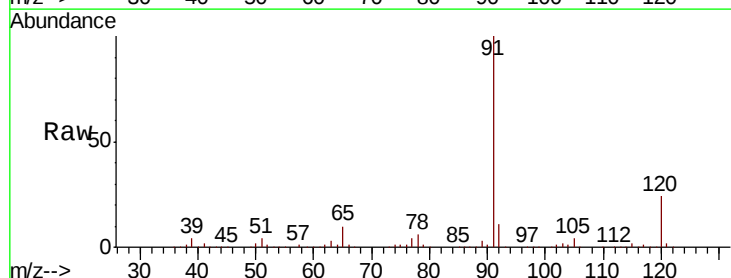
Instrument :
MSVOA_N
ClientSampled :

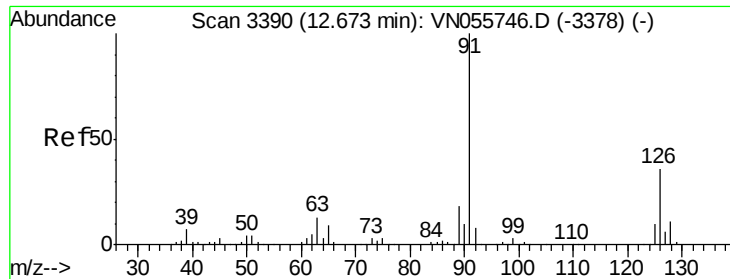
Tot Ion:156 Resp: 213208
Ion Ratio Lower Upper
156 100
77 181.2 90.8 272.5
158 96.6 49.3 147.8



#78
n-propylbenzene
Concen: 45.099 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 91 Resp: 882018
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.0





#79

2-Chlorotoluene

Concen: 50.181 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

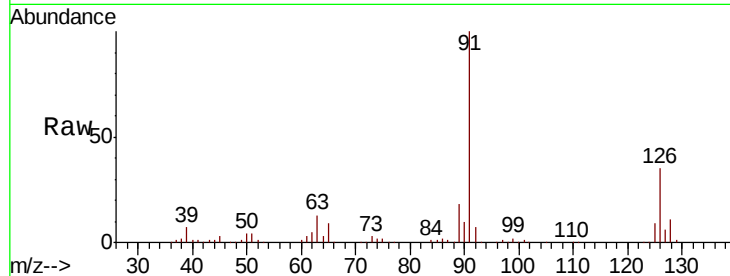
ClientSampled :

Tot Ion: 91 Resp: 528535

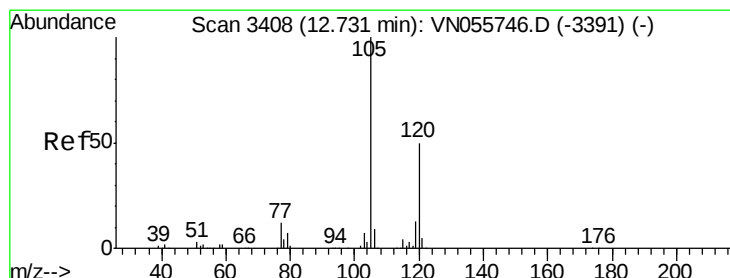
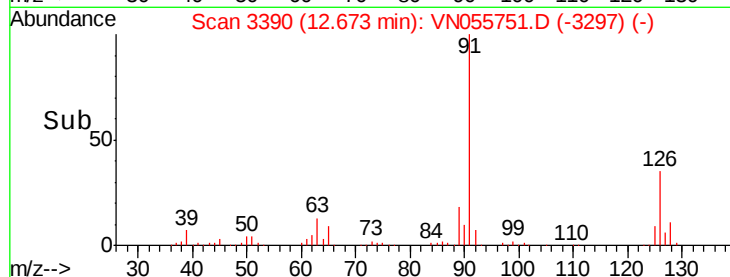
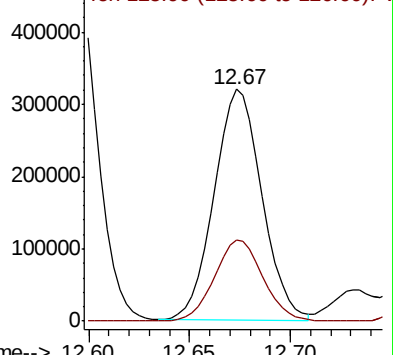
Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.009 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055751.D

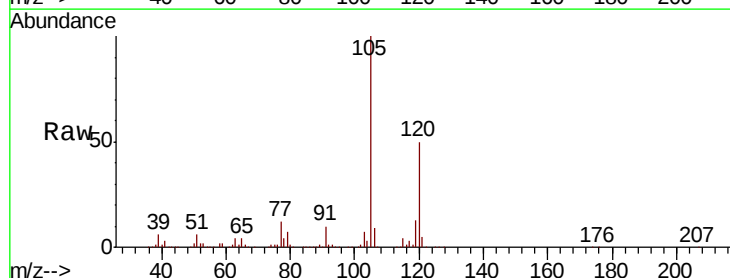
Acq: 23 May 2019 14:03

Tgt Ion: 105 Resp: 673779

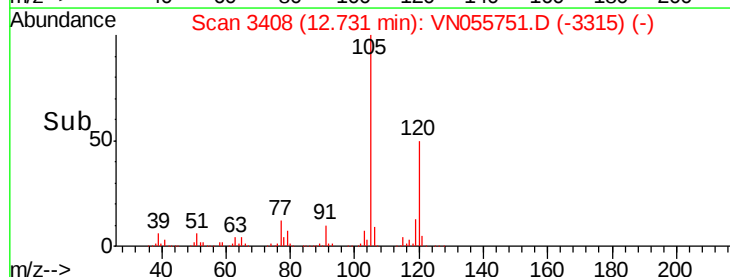
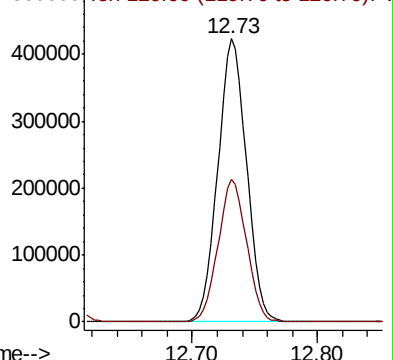
Ion Ratio Lower Upper

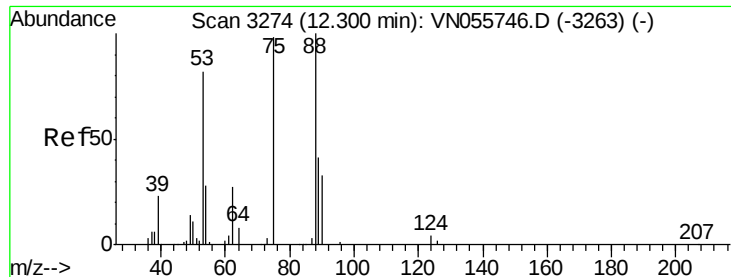
105 100

120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.418 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

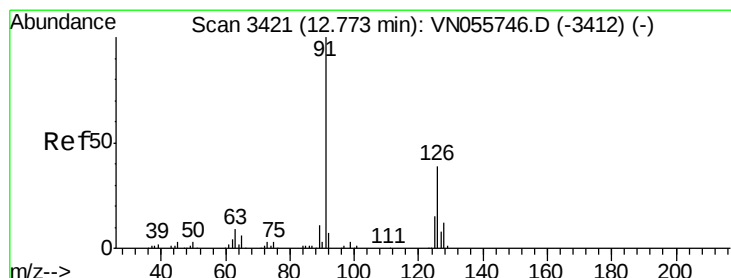
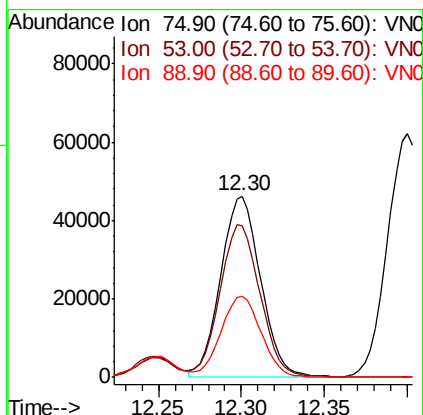
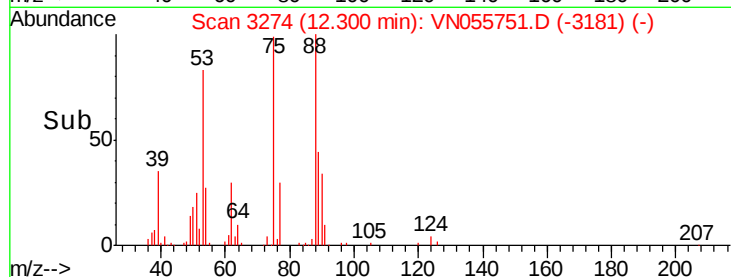
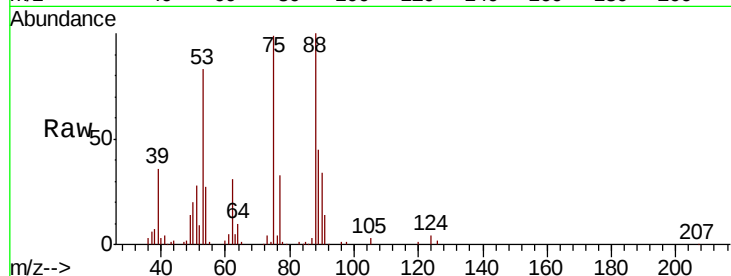
Tot Ion: 75 Resp: 77631

Ion Ratio Lower Upper

75 100

53 84.9 68.1 102.1

89 44.8 36.9 55.3



#82

4-Chlorotoluene

Concen: 45.540 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055751.D

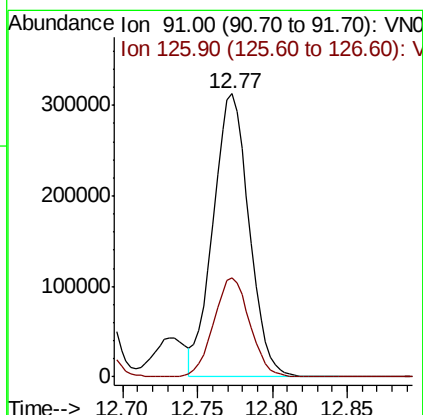
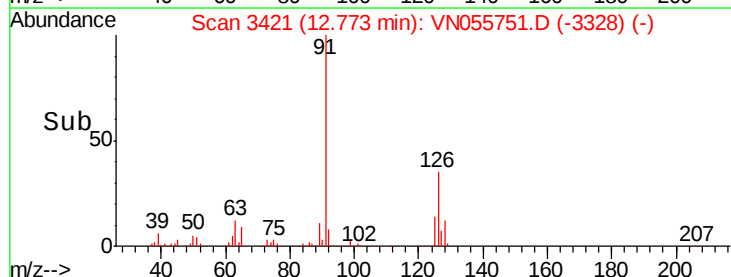
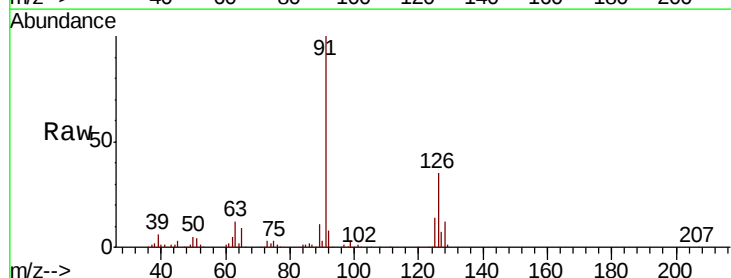
Acq: 23 May 2019 14:03

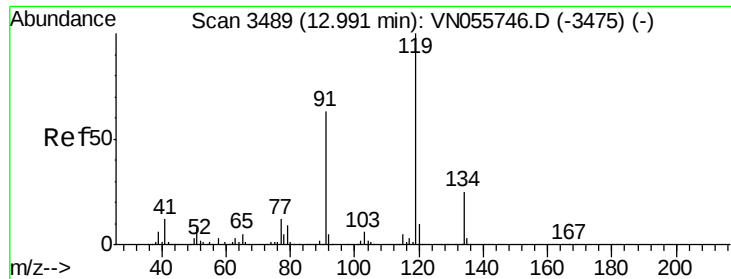
Tgt Ion: 91 Resp: 523536

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.3





#83

tert-Butylbenzene

Concen: 50.737 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

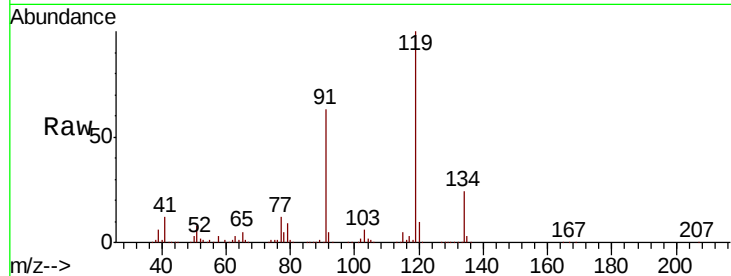
Tot Ion:119 Resp: 590375

Ion Ratio Lower Upper

119 100

91 61.6 30.9 92.8

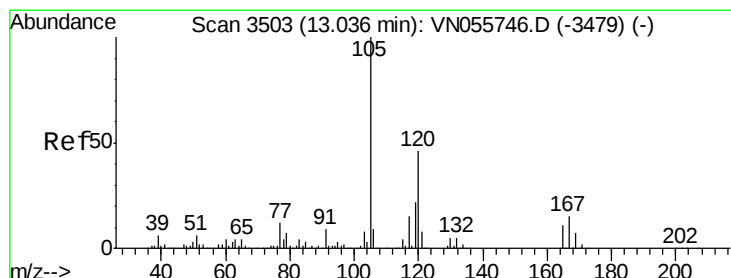
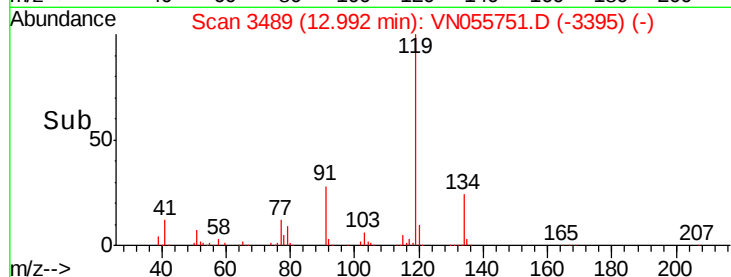
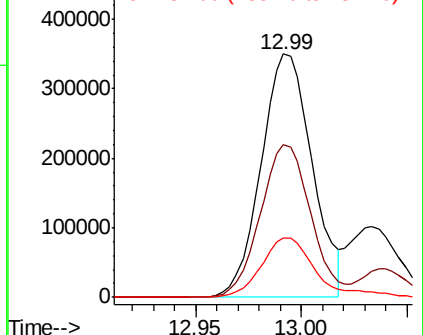
134 26.1 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.909 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055751.D

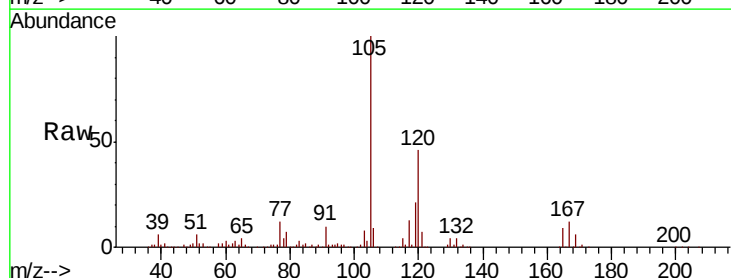
Acq: 23 May 2019 14:03

Tgt Ion:105 Resp: 671392

Ion Ratio Lower Upper

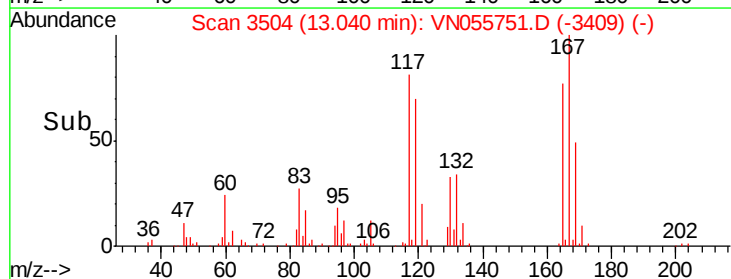
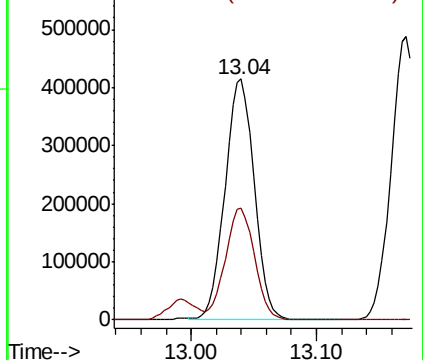
105 100

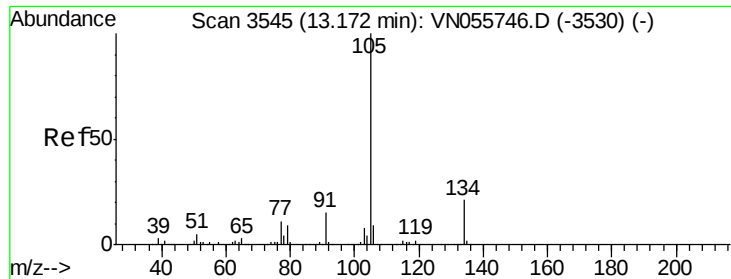
120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.429 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

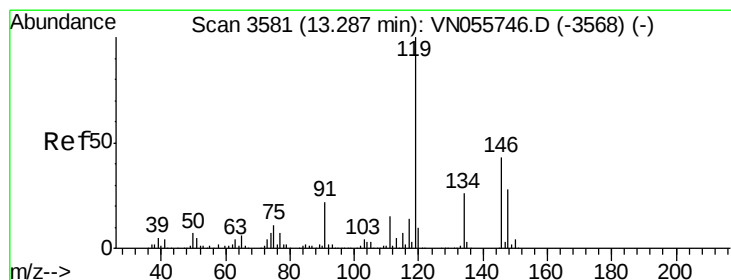
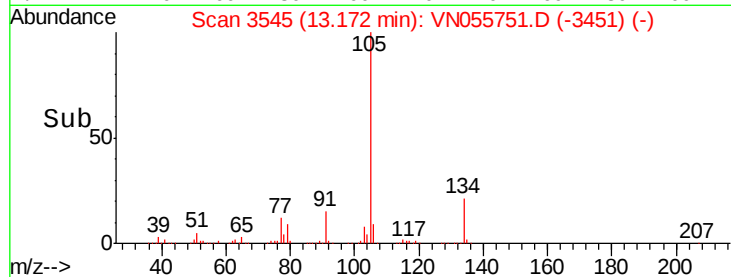
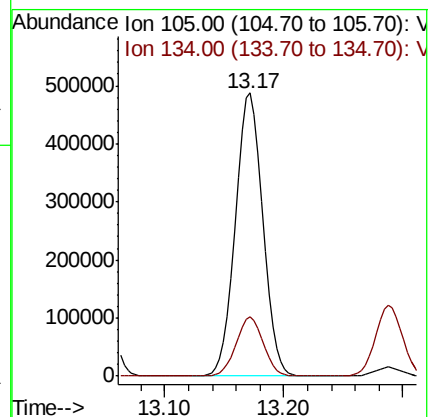
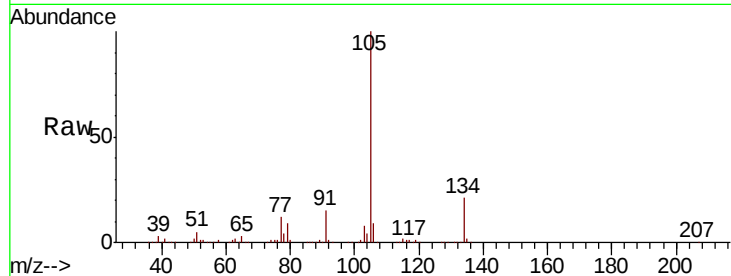
ClientSampled :

Tot Ion:105 Resp: 778026

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 46.145 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

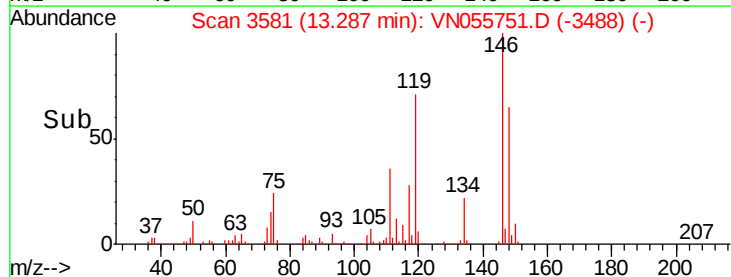
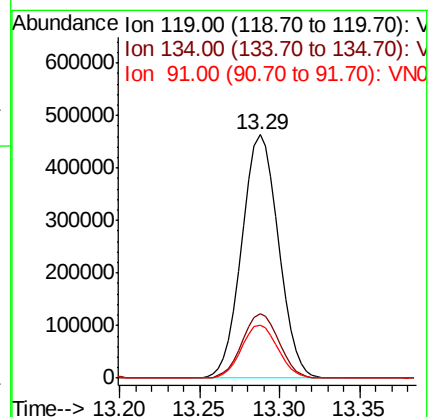
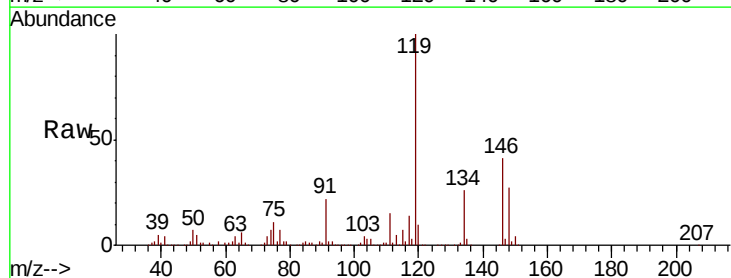
Tgt Ion:119 Resp: 721099

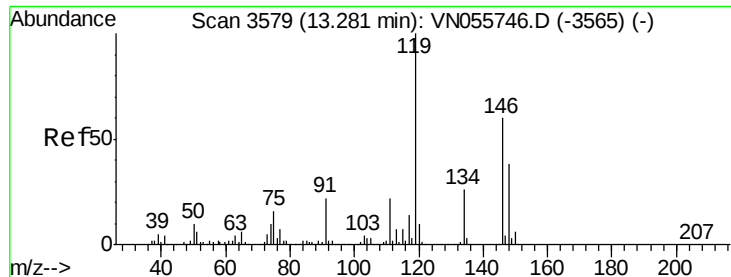
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 21.6 10.9 32.9

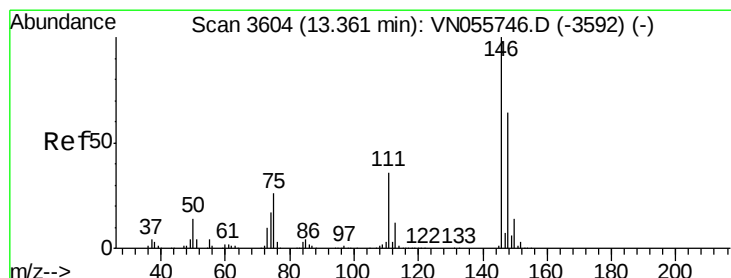
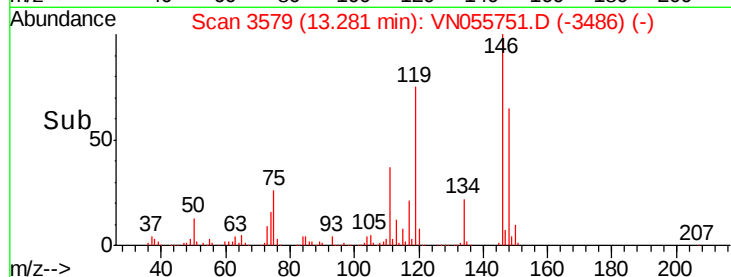
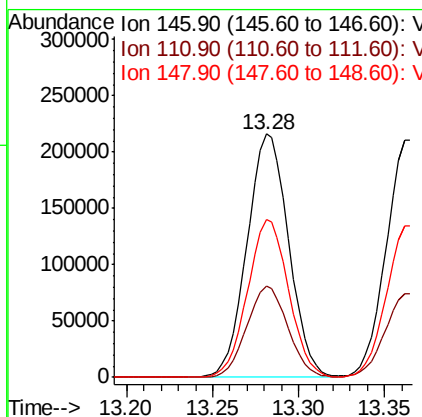
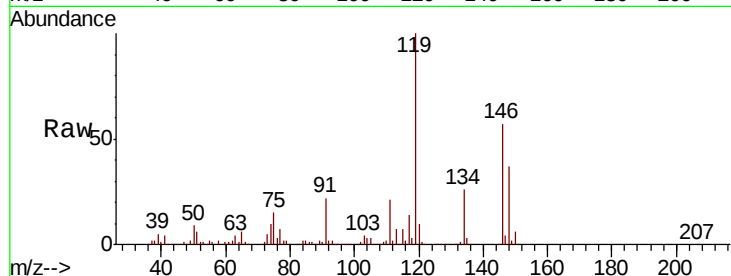




#87
 1,3-Dichlorobenzene
 Concen: 47.649 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

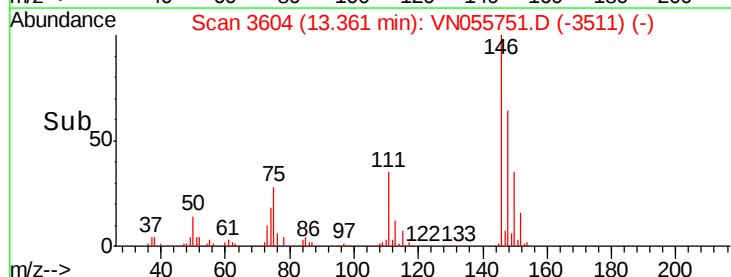
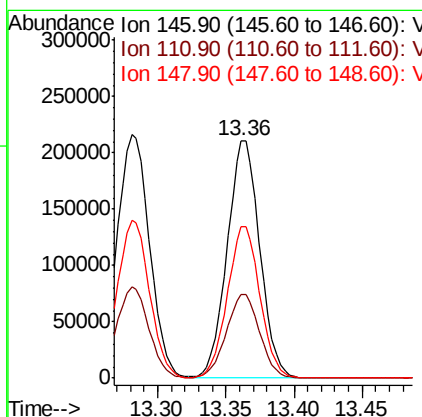
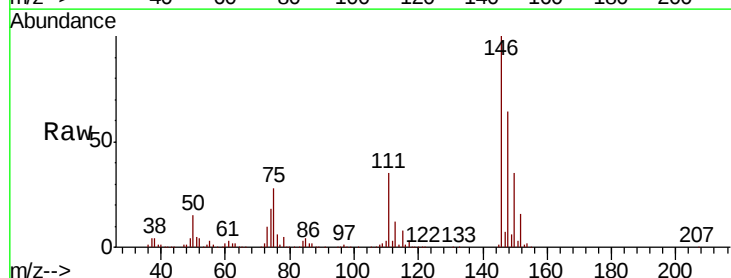
Instrument :
 MSVOA_N
 ClientSampled :

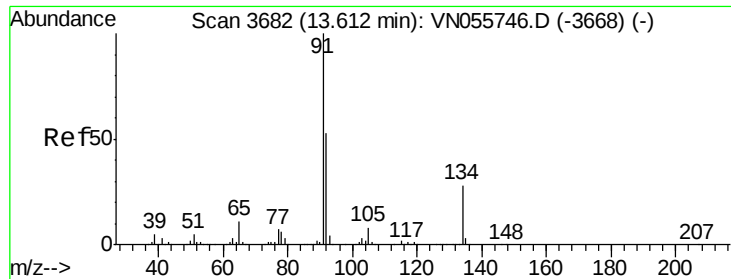
Tot Ion:146 Resp: 362286
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.5 55.5
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.478 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion:146 Resp: 350436
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 63.8 32.1 96.5

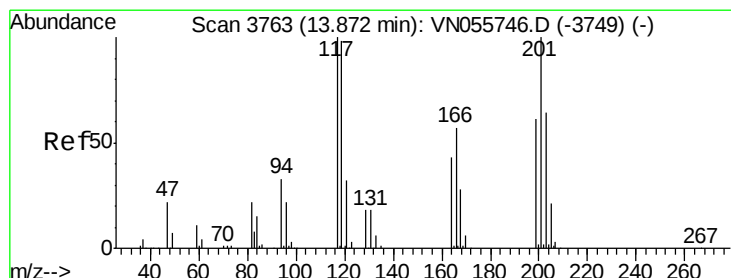
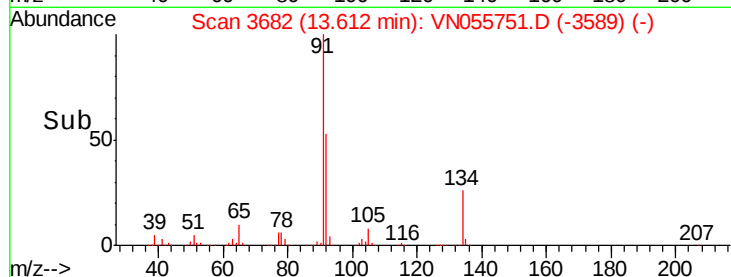
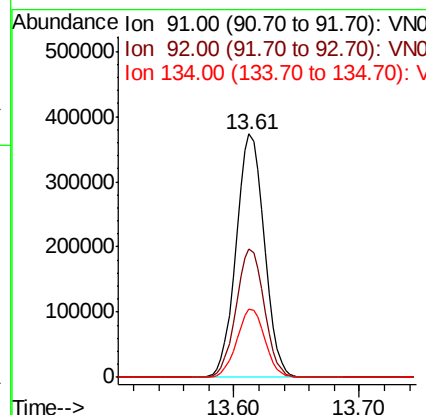
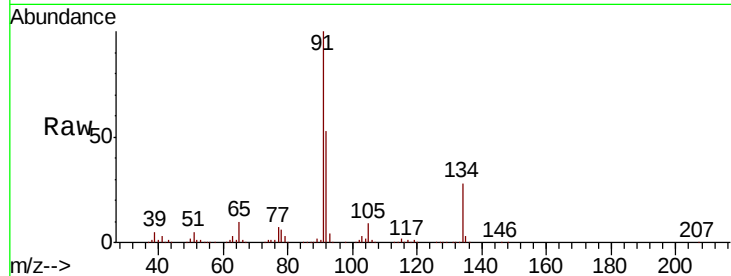




#89
n-Butylbenzene
Concen: 48.617 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

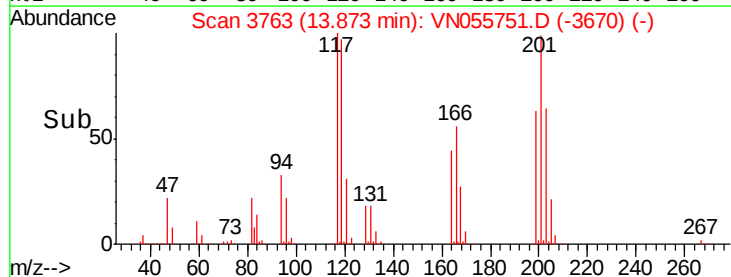
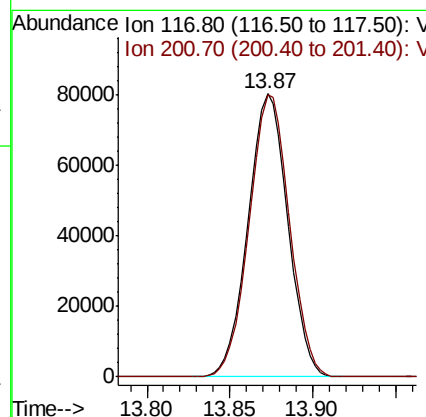
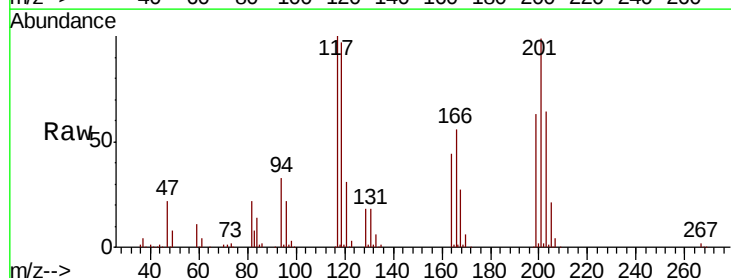
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 582104
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 27.9 13.9 41.7



#90
Hexachloroethane
Concen: 45.012 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion: 117 Resp: 133884
Ion Ratio Lower Upper
117 100
201 100.8 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 46.181 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

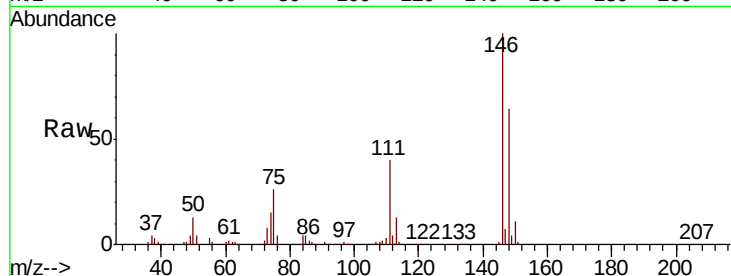
Tot Ion:146 Resp: 350313

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

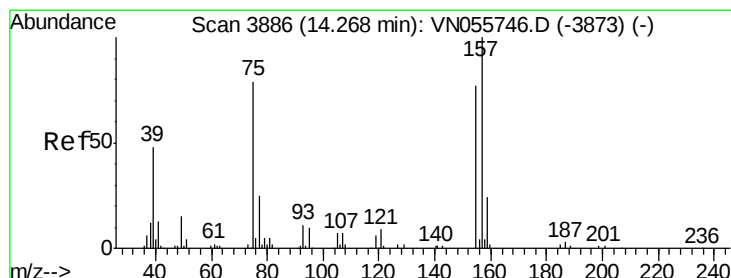
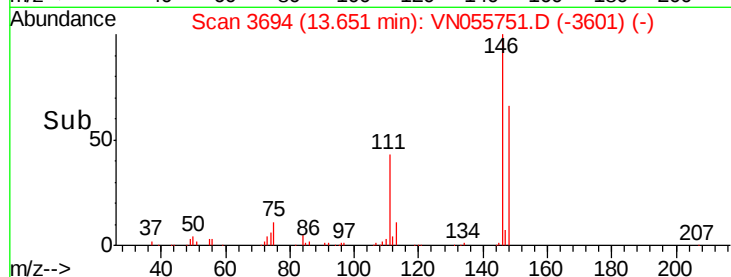
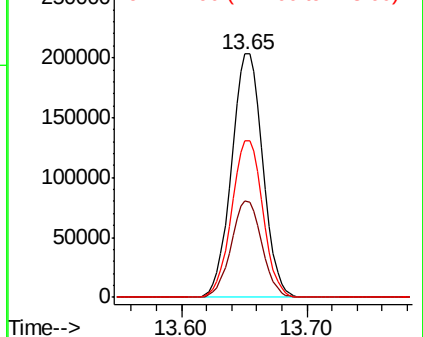
148 64.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.455 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055751.D

Acq: 23 May 2019 14:03

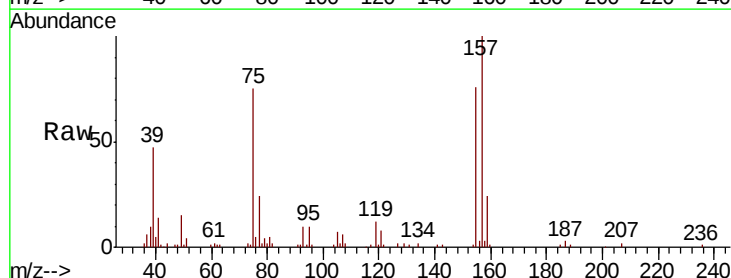
Tgt Ion: 75 Resp: 44323

Ion Ratio Lower Upper

75 100

155 102.2 50.0 150.1

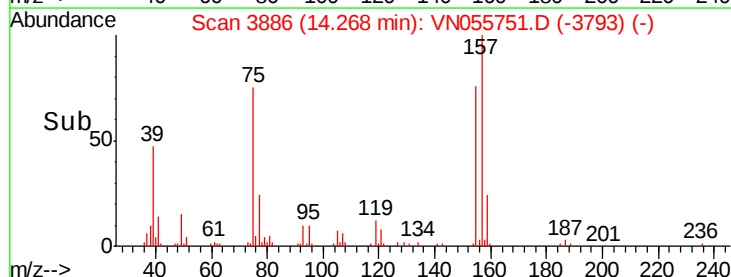
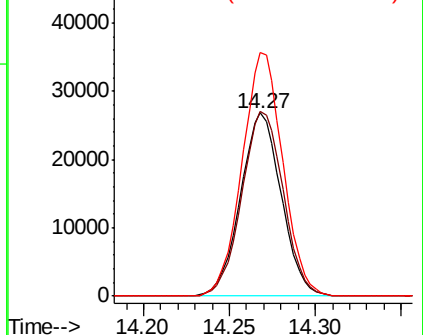
157 132.2 64.8 194.3

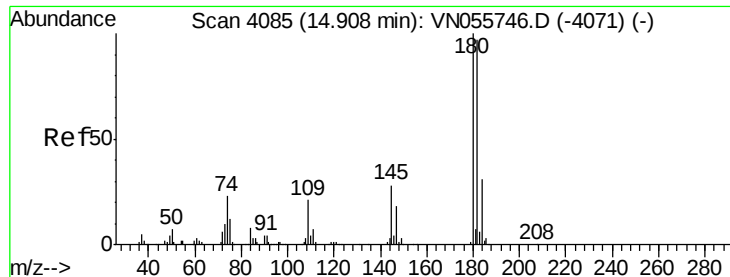


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

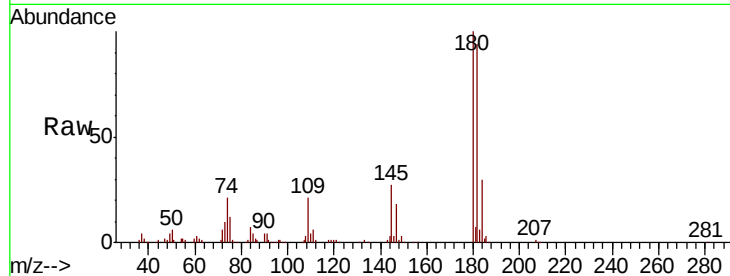




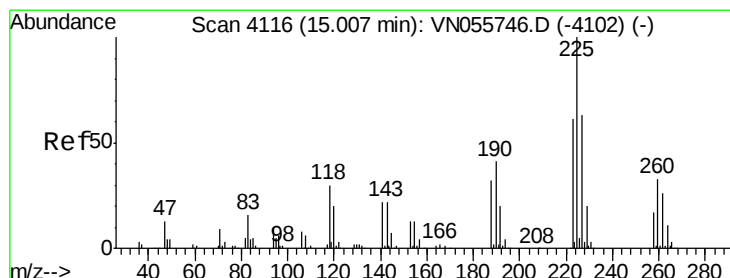
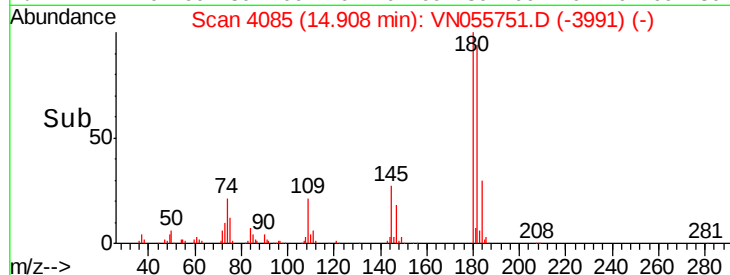
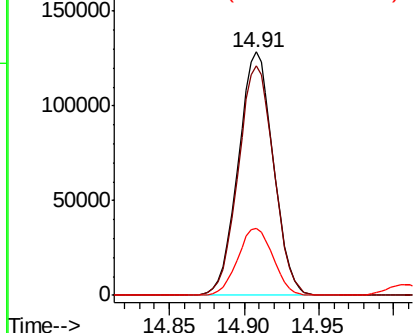
#93
 1,2,4-Trichlorobenzene
 Concen: 48.116 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.3	144.9
145	28.0	14.0	41.9

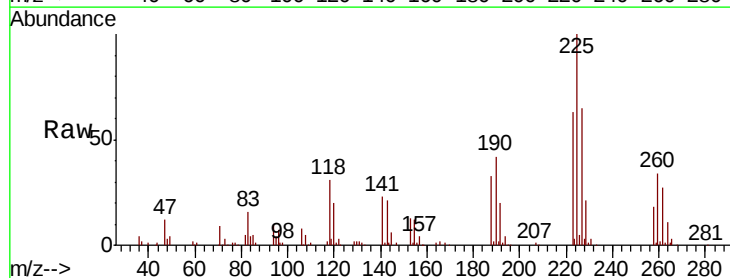


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

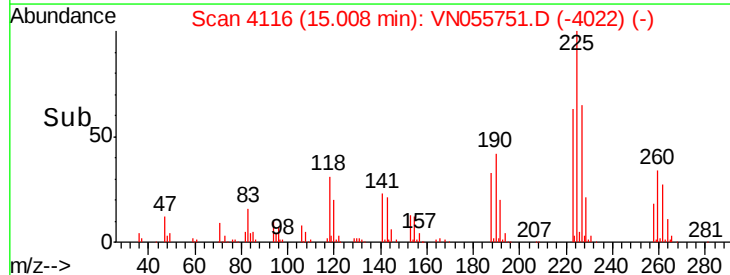
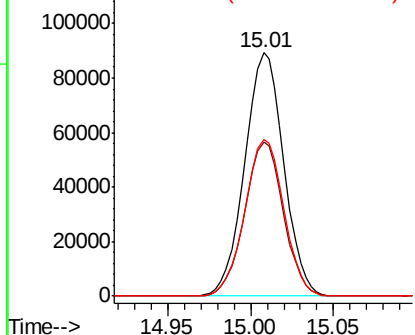


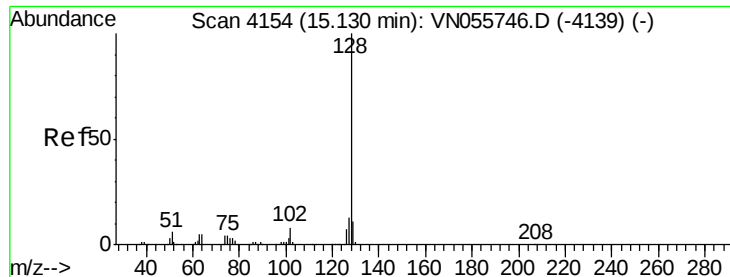
#94
 Hexachlorobutadiene
 Concen: 54.881 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055751.D
 Acq: 23 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.7
227	64.5	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

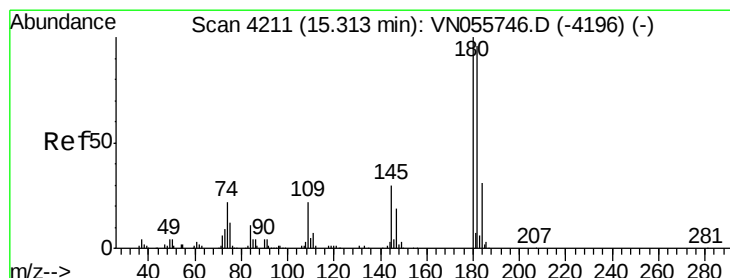
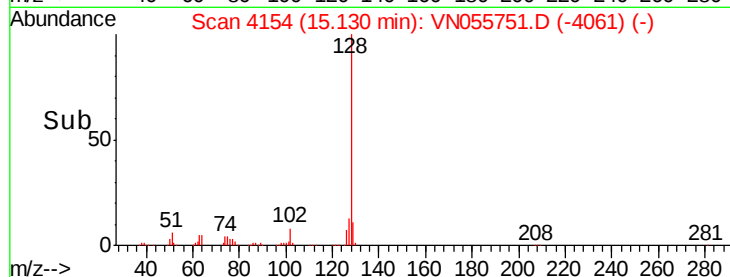
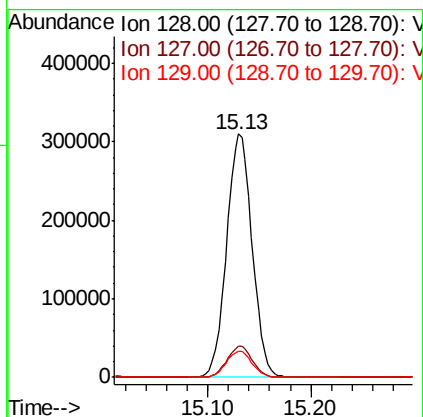
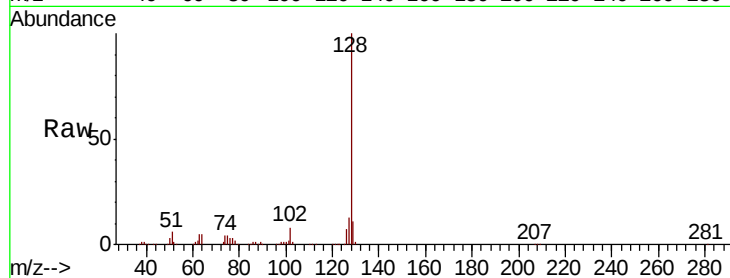




#95
Naphthalene
Concen: 51.234 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 533310
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.869 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055751.D
Acq: 23 May 2019 14:03

Tgt Ion:180 Resp: 211998
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.7
145 29.4 14.9 44.7

