

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020842.D
 Acq On : 03 Feb 2021 15:53
 Operator : JC/SP
 Sample : M1289-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-6-PD

Quant Time: Feb 04 02:23:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

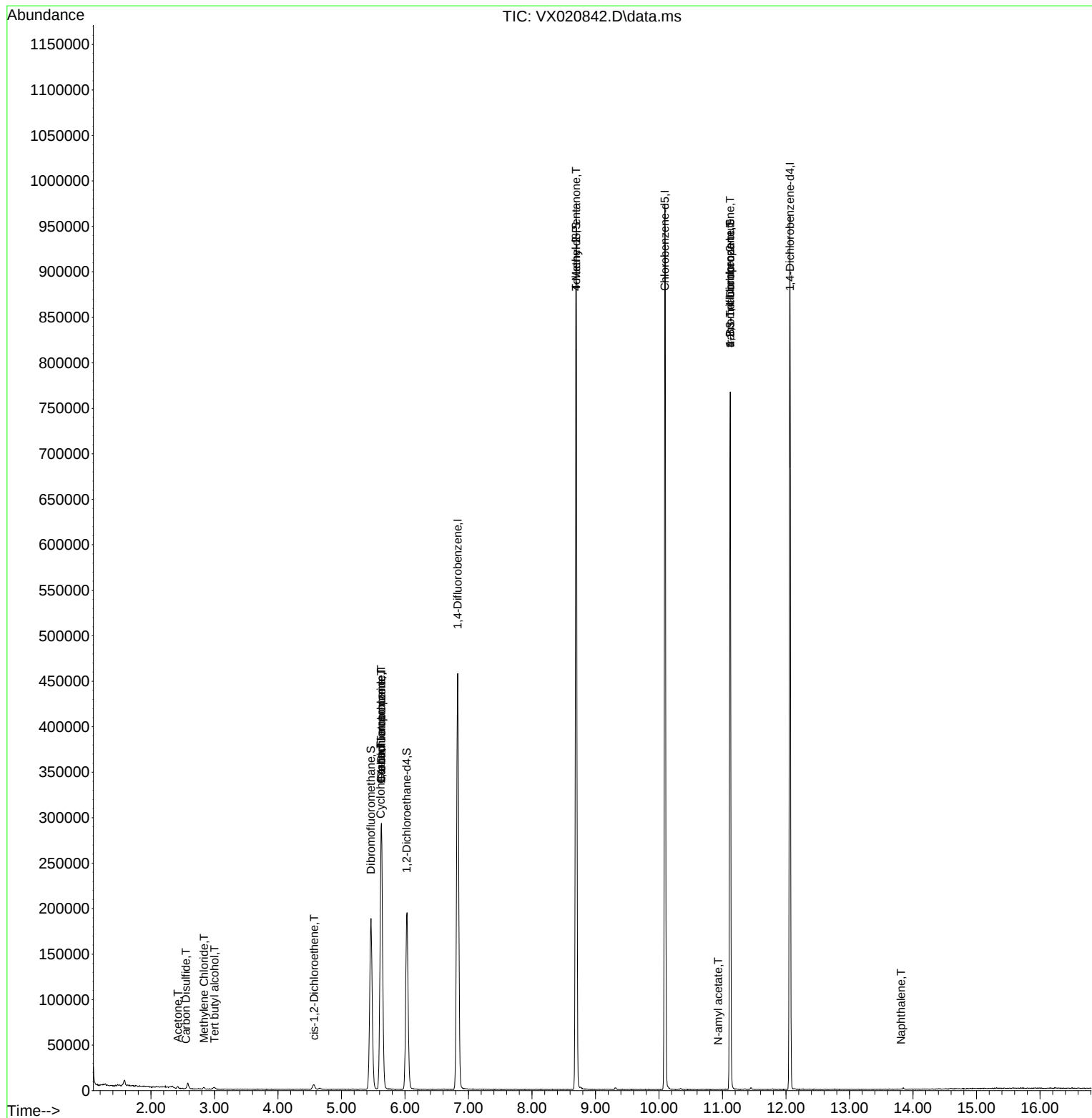
Internal Standards						
1) Pentafluorobenzene	5.629	168	273798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	463368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	449134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186681	49.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.98%
35) Dibromofluoromethane	5.465	113	162338	51.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.30%
50) Toluene-d8	8.696	98	580635	49.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.80%
62) 4-Bromofluorobenzene	11.122	95	206805	45.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.52%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.002	59	1660	2.38	ug/l #	73
16) Acetone	2.422	43	2494	1.76	ug/l	94
17) Carbon Disulfide	2.550	76	356	0.94	ug/l #	75
20) Methylene Chloride	2.837	84	781	0.22	ug/l #	93
27) cis-1,2-Dichloroethene	4.568	96	3556	0.99	ug/l	93
31) Cyclohexane	5.617	56	4871	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20211	4.35	ug/l #	49
38) Carbon Tetrachloride	5.623	117	27519	5.63	ug/l #	18
51) 4-Methyl-2-Pentanone	8.696	43	2045	0.46	ug/l #	1
74) N-amyl acetate	10.933	43	23	2.02	ug/l #	11
76) 1,2,3-Trichloropropane	11.122	75	100112	22.04	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100112	61.77	ug/l #	12
95) Naphthalene	13.811	128	302	2.89	ug/l #	69

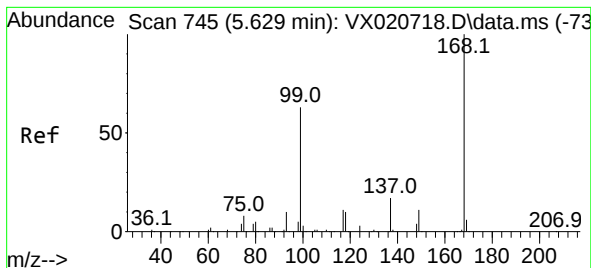
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.000 min

Lab File: VX020842.D

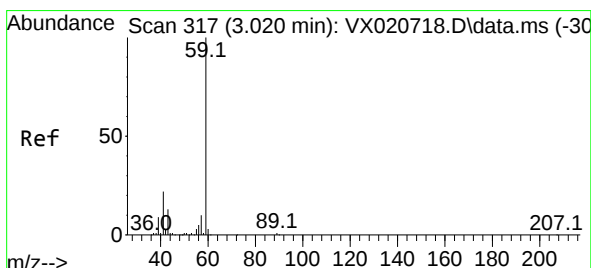
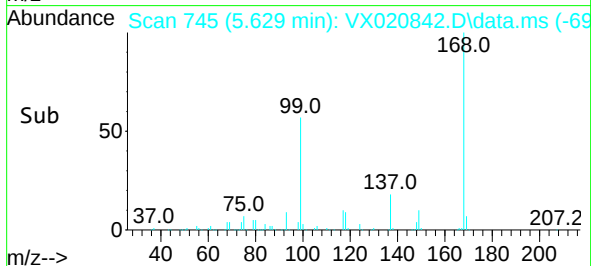
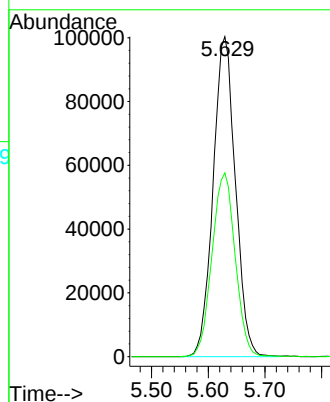
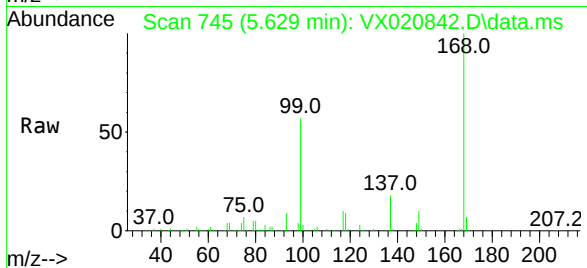
Acq: 03 Feb 2021 15:53

Tgt Ion:168 Resp: 273798

Ion Ratio Lower Upper

168 100

99 57.5 45.8 68.6



#11

Tert butyl alcohol

Concen: 2.38 ug/l

RT: 3.002 min Scan# 314

Delta R.T. -0.018 min

Lab File: VX020842.D

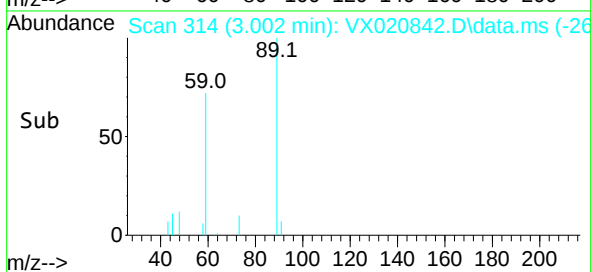
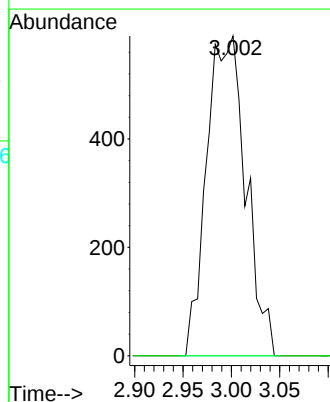
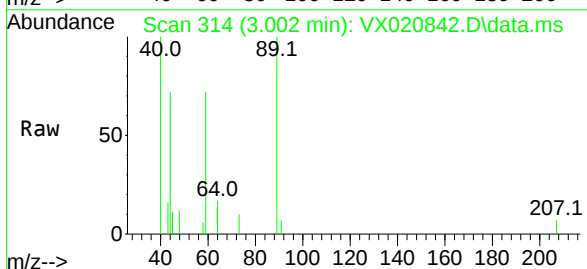
Acq: 03 Feb 2021 15:53

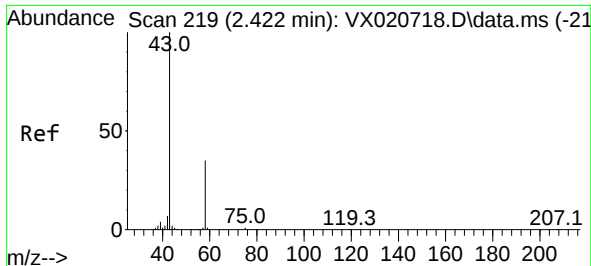
Tgt Ion: 59 Resp: 1660

Ion Ratio Lower Upper

59 100

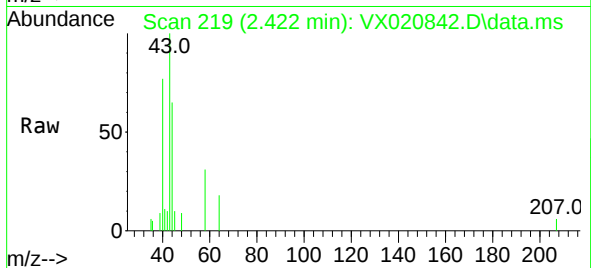
57 0.0 7.8 11.8#



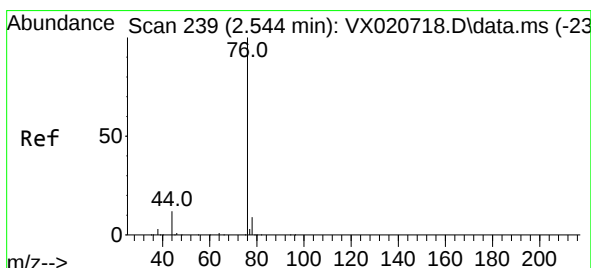
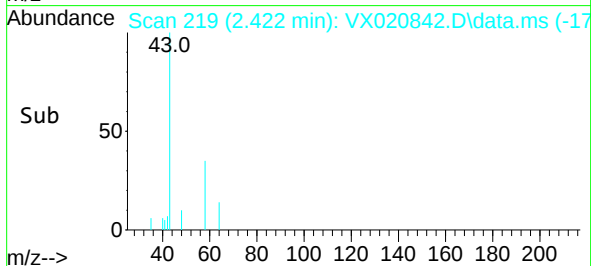
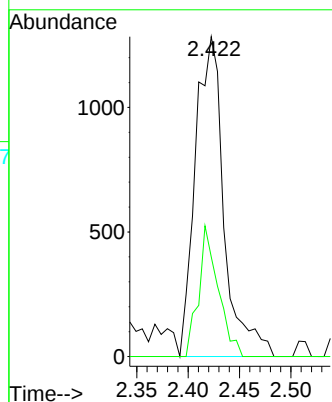


#16
Acetone
Concen: 1.76 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Instrument :
MSVOA_X
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152140-DDC-6-PD

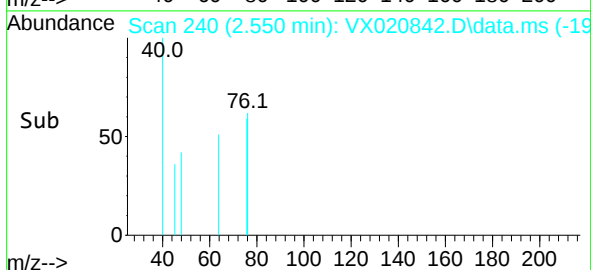
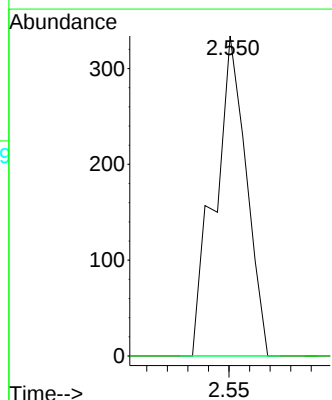
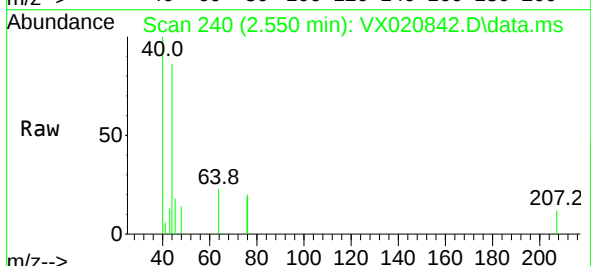


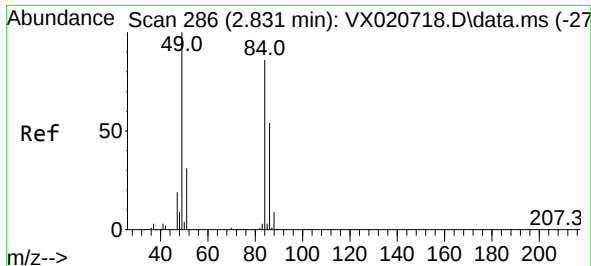
Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion: 76 Resp: 356
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

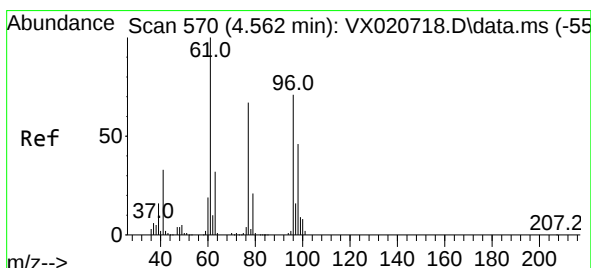
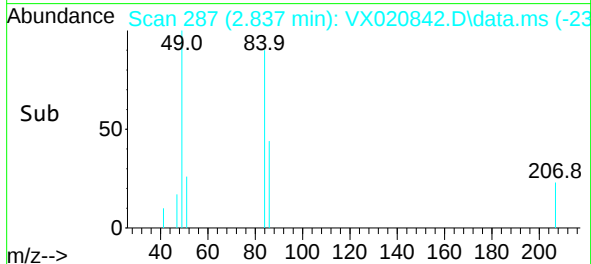
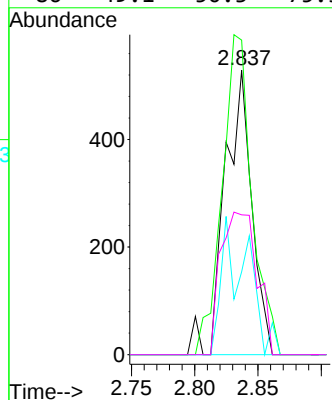
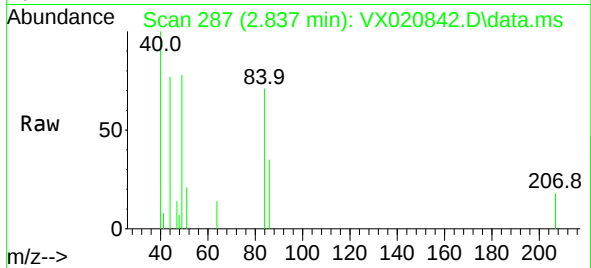




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

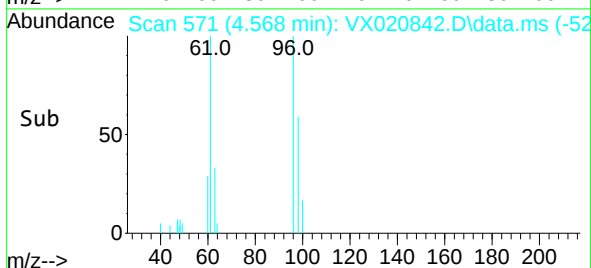
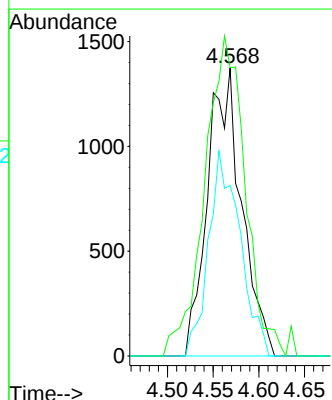
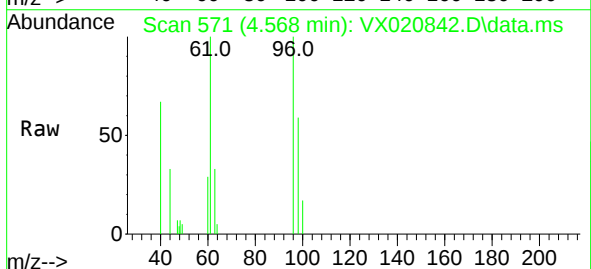
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

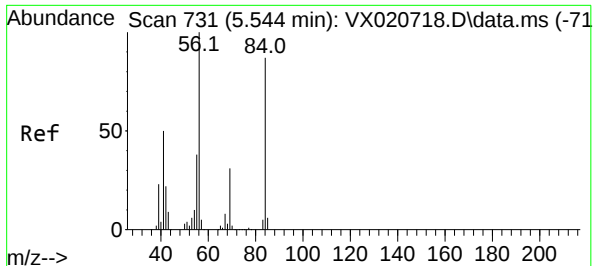
Tgt Ion:	84	Resp:	781
Ion	Ratio	Lower	Upper
84	100		
49	110.6	88.6	132.8
51	29.1	27.0	40.6
86	49.1	50.3	75.5#



#27
cis-1,2-Dichloroethene
Concen: 0.99 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

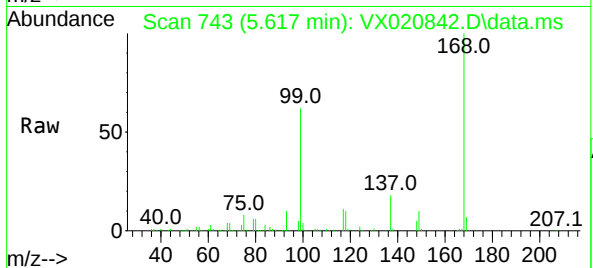
Tgt Ion:	96	Resp:	3556
Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	285.6
98	65.8	0.0	129.6



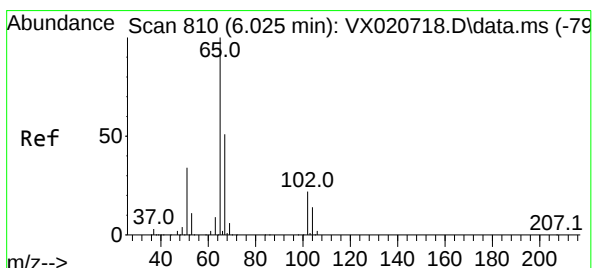
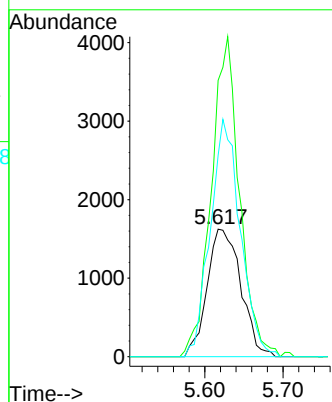
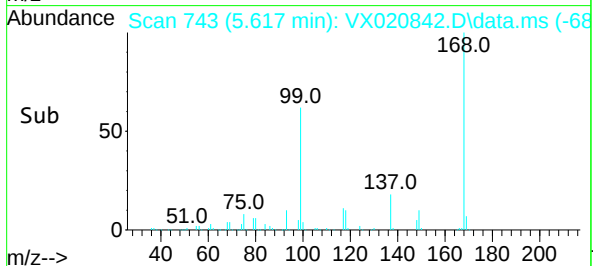


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

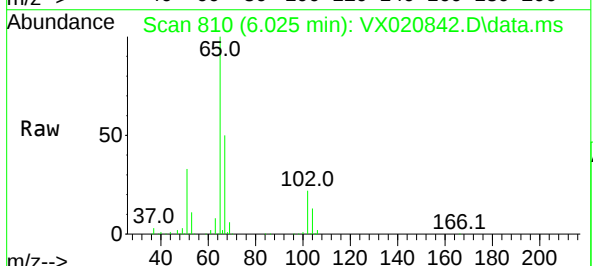
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD



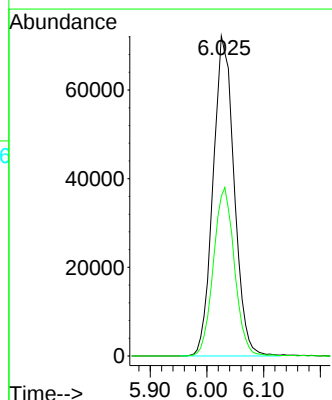
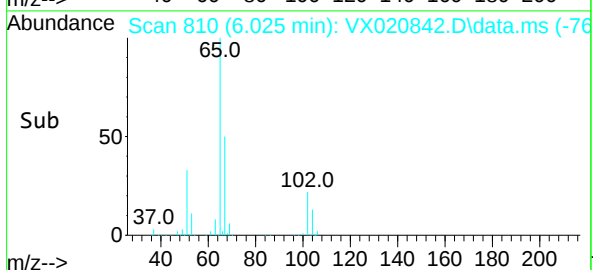
Tgt Ion: 56 Resp: 4871
Ion Ratio Lower Upper
56 100
69 216.7 25.3 37.9#
84 157.8 71.4 107.0#

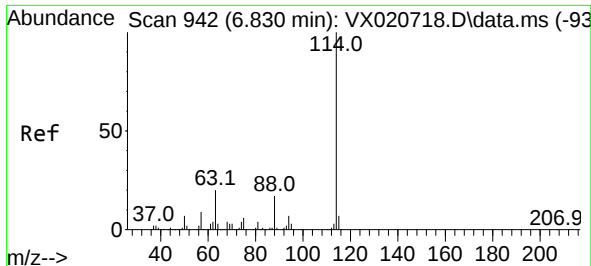


#33
1,2-Dichloroethane-d4
Concen: 49.99 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53



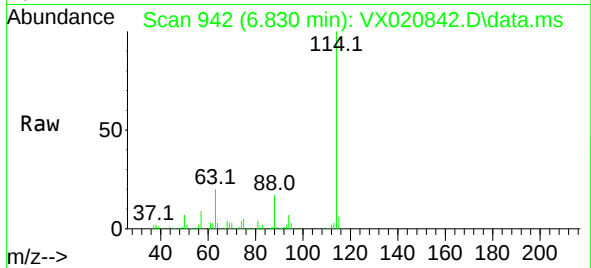
Tgt Ion: 65 Resp: 186681
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



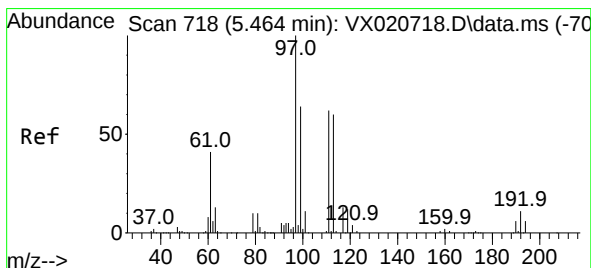
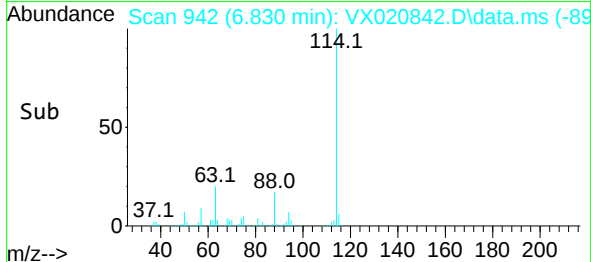
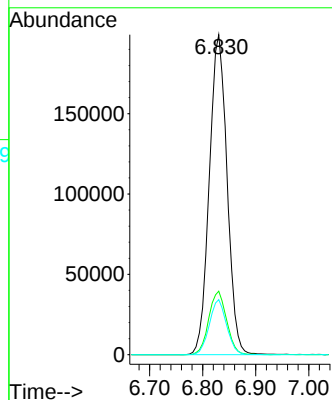


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

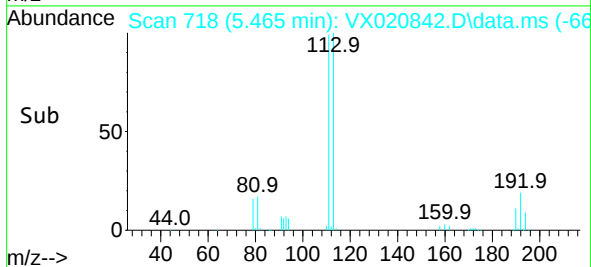
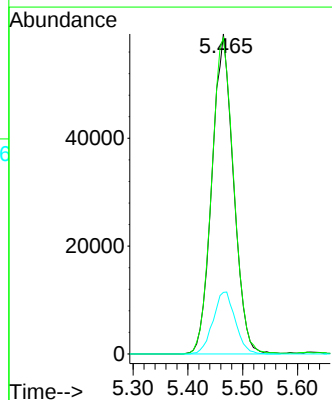
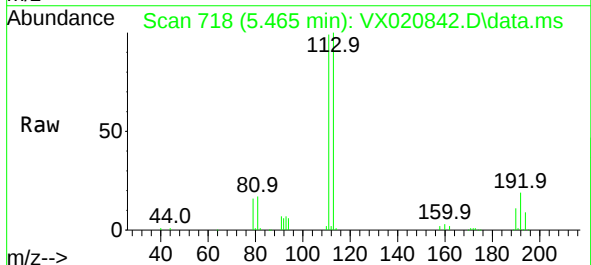


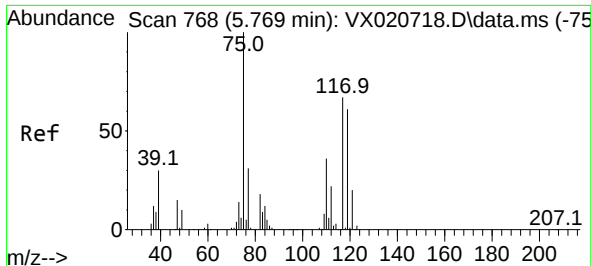
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	17.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.15 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

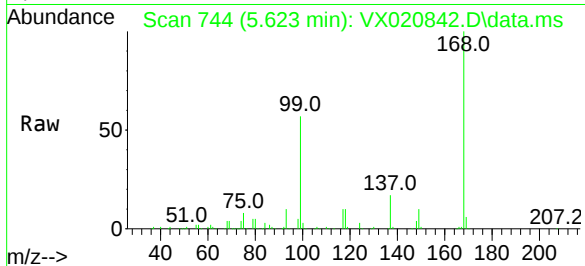
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.9	16.7	25.1



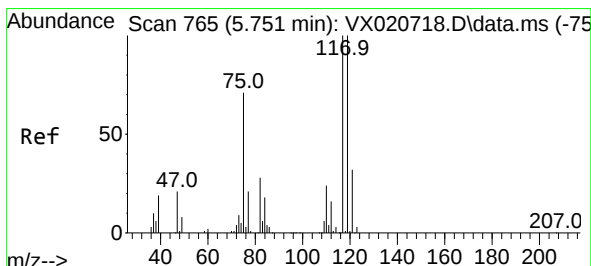
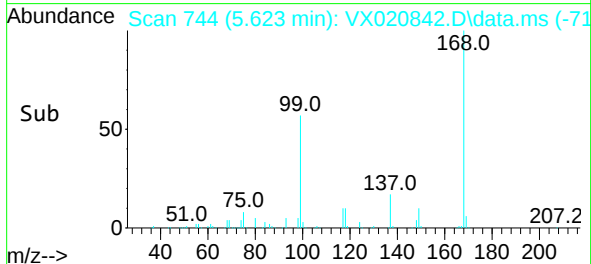
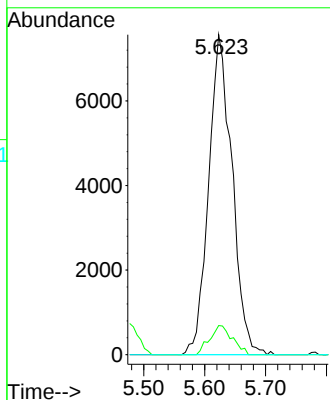


#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Instrument :
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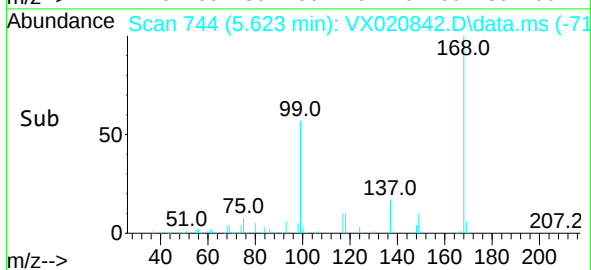
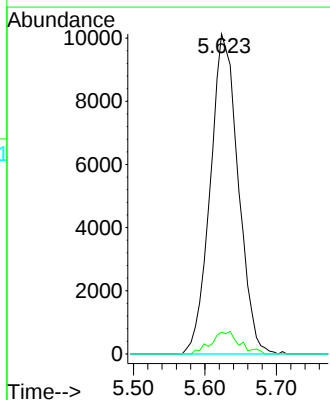
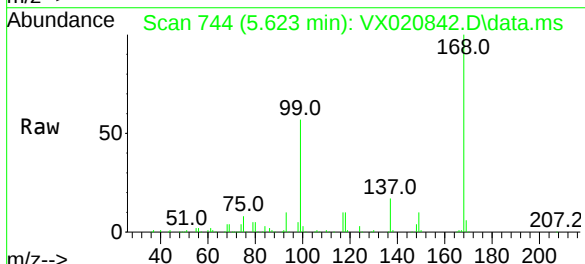


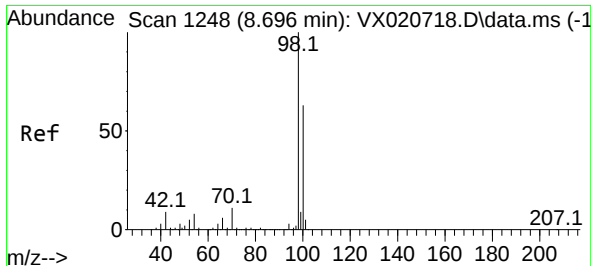
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.2	114.2#
121	0.0	24.8	37.2#

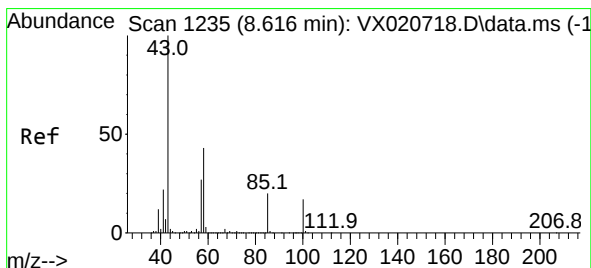
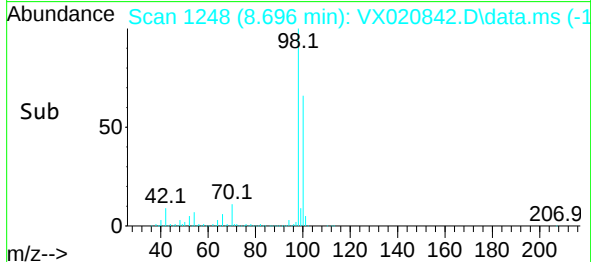
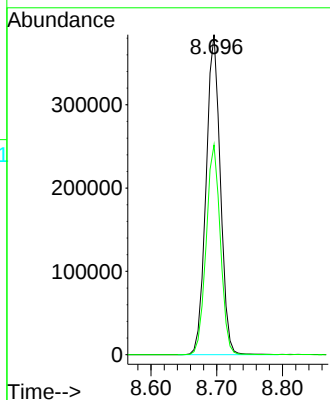
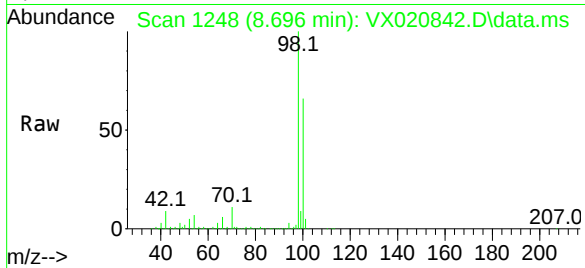




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

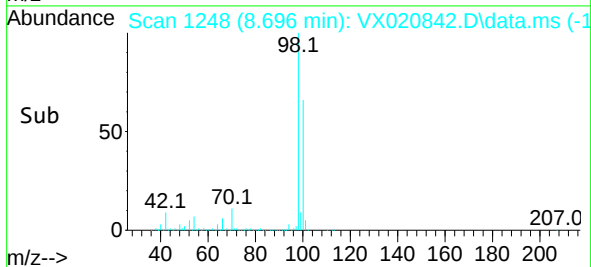
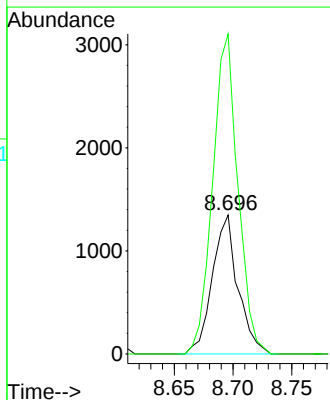
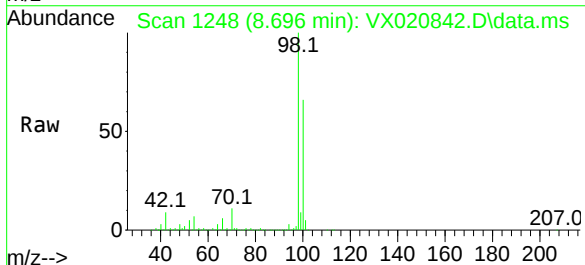
Instrument :
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152140-DDC-6-PD

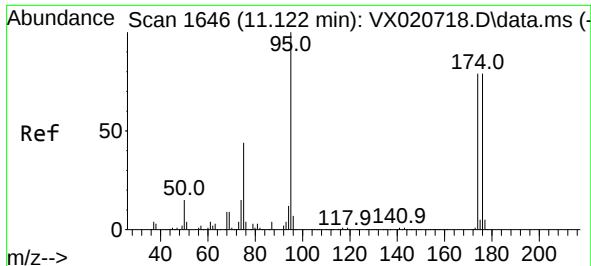
Tgt Ion: 98 Resp: 580635
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
58 226.9 35.4 53.0#

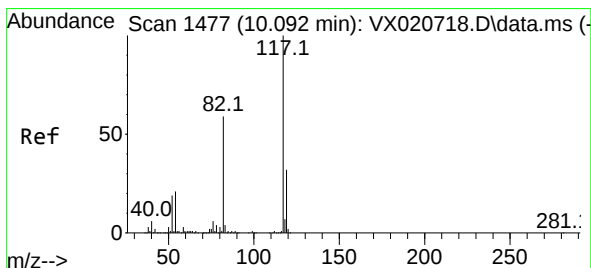
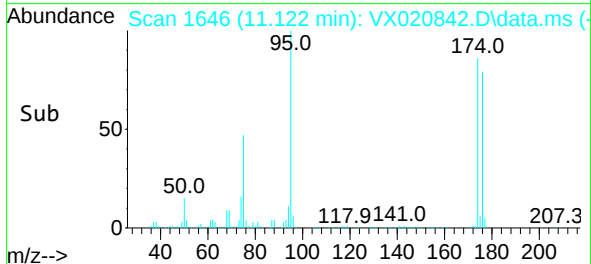
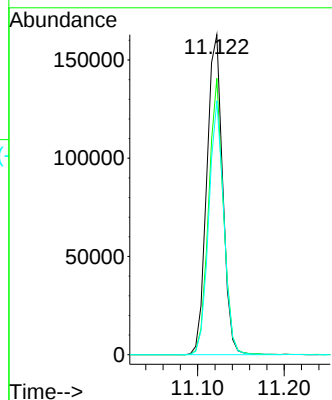
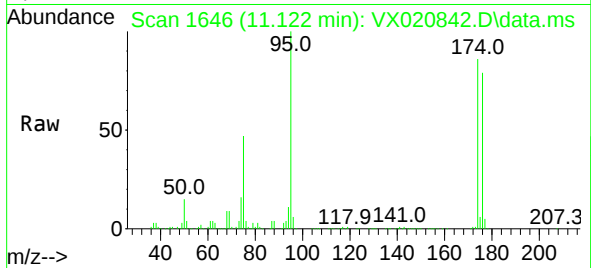




#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

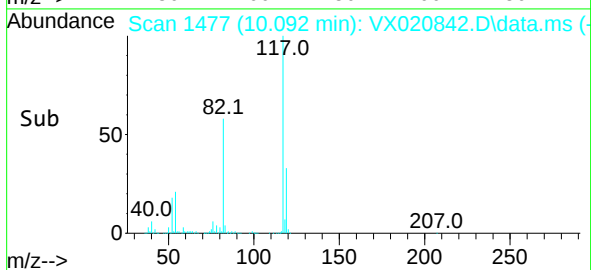
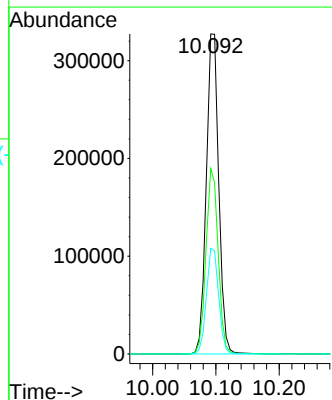
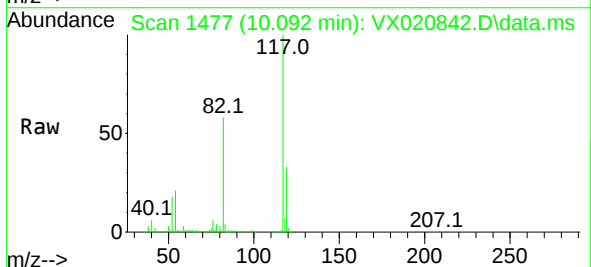
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

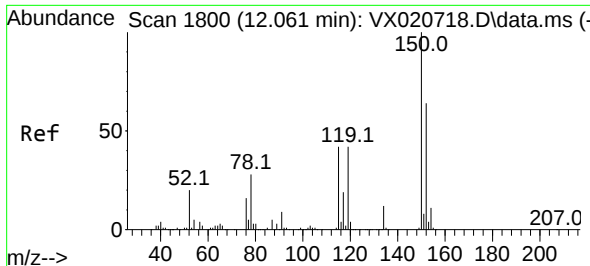
Tgt Ion: 95 Resp: 206805
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion: 117 Resp: 449134
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 33.0 26.6 39.8

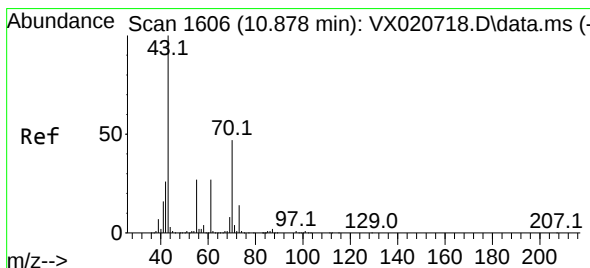
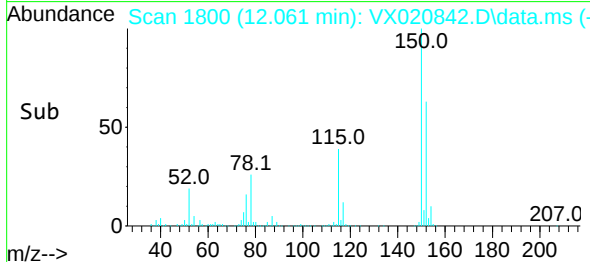
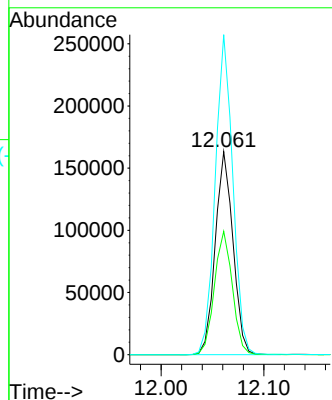
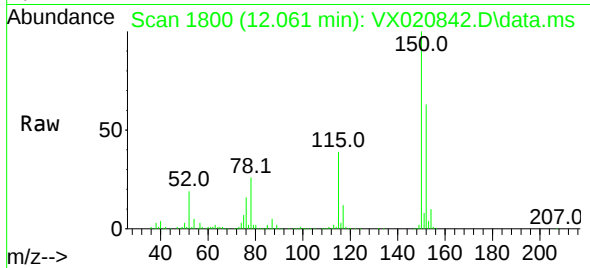




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

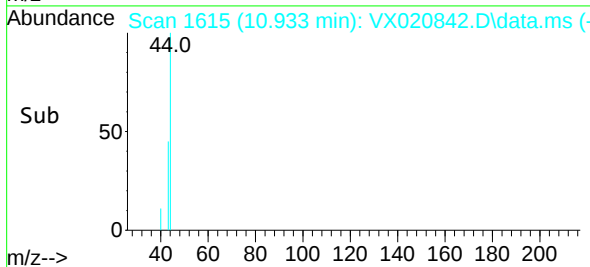
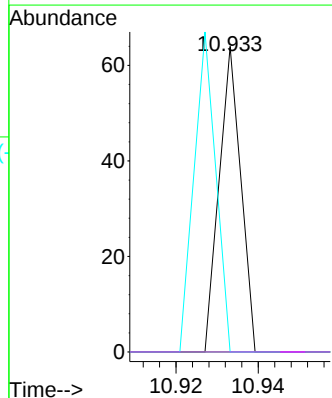
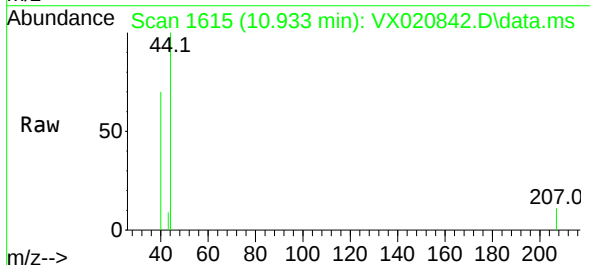
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

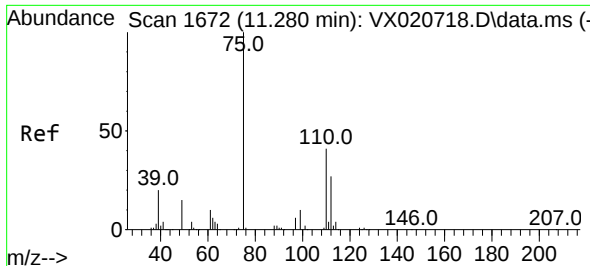
Tgt Ion:152 Resp: 195830
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 156.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.933 min Scan# 1615
Delta R.T. 0.055 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 108.7 21.5 32.3#
61 0.0 22.1 33.1#

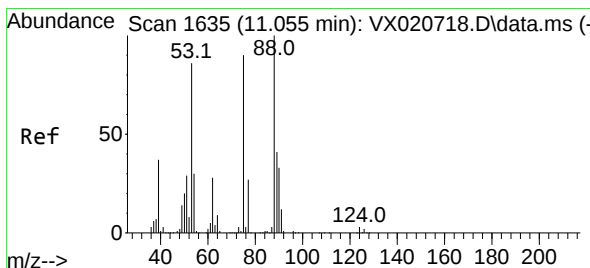
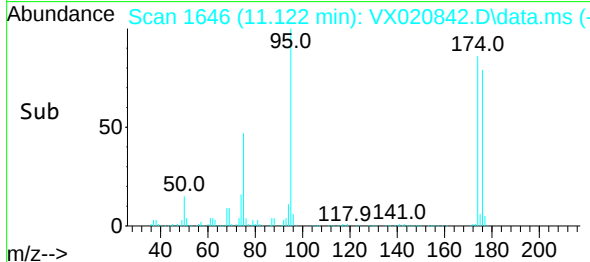
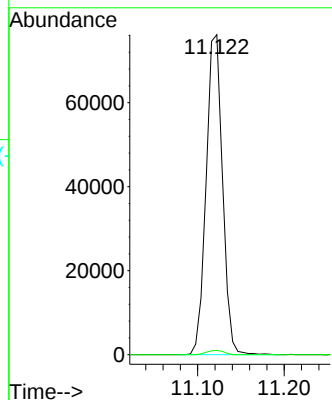
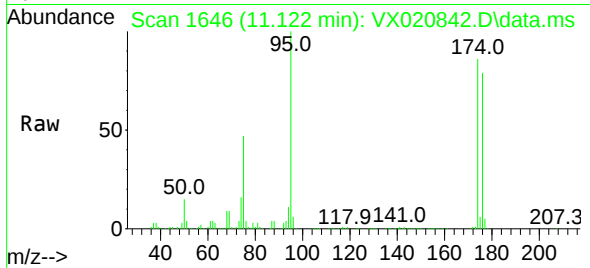




#76
1,2,3-Trichloropropane
Concen: 22.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

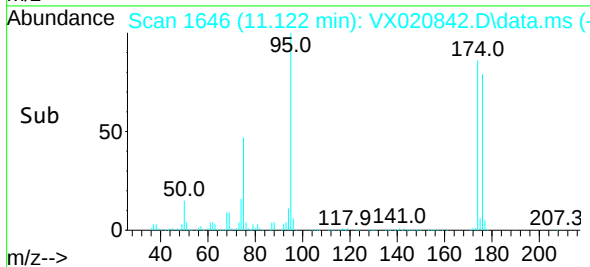
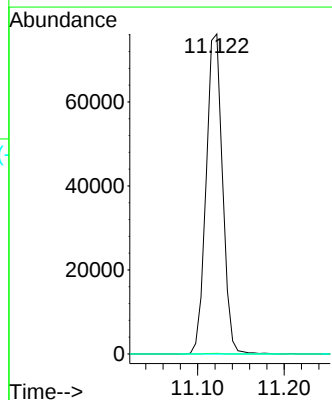
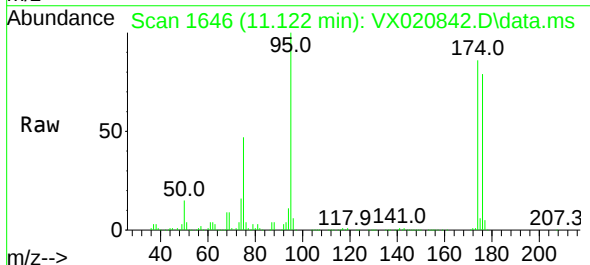
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

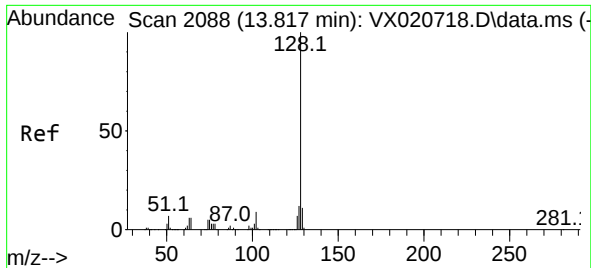
Tgt Ion: 75 Resp: 100112
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Tgt Ion: 75 Resp: 100112
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.811 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VX020842.D
Acq: 03 Feb 2021 15:53

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PD

Tgt Ion:128 Resp: 302
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

