

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020864.D
 Acq On : 05 Feb 2021 11:41
 Operator : JC/MD
 Sample : VX0205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:02:43 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	5.623	168	284044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	479866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	465250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	203071	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	189767	48.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.96%
35) Dibromofluoromethane	5.458	113	164024	49.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.80%
50) Toluene-d8	8.696	98	589524	48.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.84%
62) 4-Bromofluorobenzene	11.122	95	208115	44.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.94%

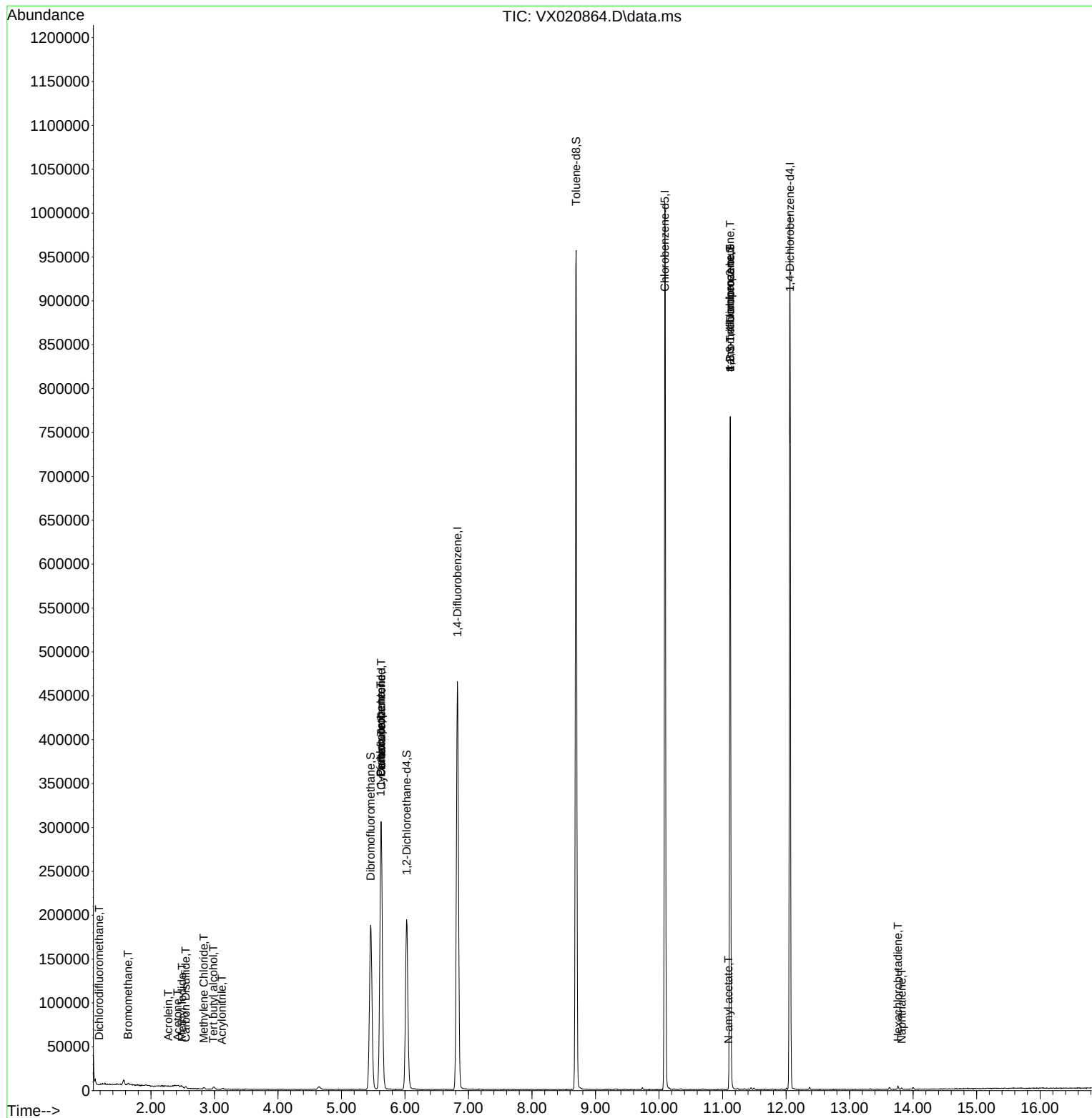
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	110	1.22	ug/l	# 42
5) Bromomethane	1.636	94	1060	0.55	ug/l	89
10) Methyl Iodide	2.489	142	1266	0.33	ug/l	# 86
11) Tert butyl alcohol	2.983	59	1607	2.22	ug/l	# 73
13) Acrolein	2.270	56	395	0.72	ug/l	90
15) Acrylonitrile	3.117	53	448	0.24	ug/l	# 71
16) Acetone	2.416	43	1404	0.96	ug/l	96
17) Carbon Disulfide	2.544	76	2486	1.18	ug/l	98
20) Methylene Chloride	2.831	84	935	0.25	ug/l	95
31) Cyclohexane	5.629	56	5366	1.03	ug/l	# 1
36) 1,1-Dichloropropene	5.617	75	21230	4.41	ug/l	# 49
38) Carbon Tetrachloride	5.623	117	28561	5.64	ug/l	# 18
74) N-amyl acetate	11.091	43	21	2.02	ug/l	# 38
76) 1,2,3-Trichloropropane	11.122	75	102345	21.73	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.122	75	102345	60.89	ug/l	# 12
94) Hexachlorobutadiene	13.762	225	566	0.28	ug/l	70
95) Naphthalene	13.823	128	1392	2.96	ug/l	# 88

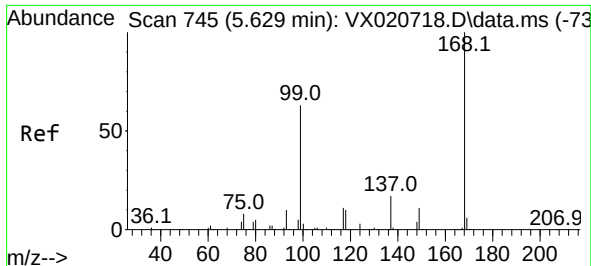
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
Data File : VX020864.D
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Operator : JC/MD
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

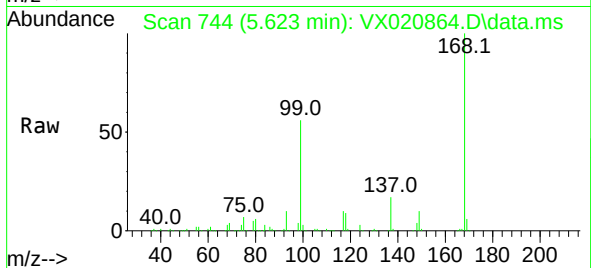
Quant Time: Feb 06 01:02:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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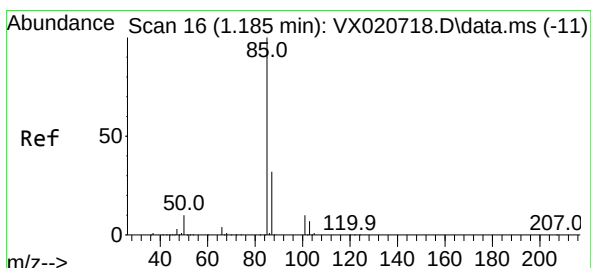
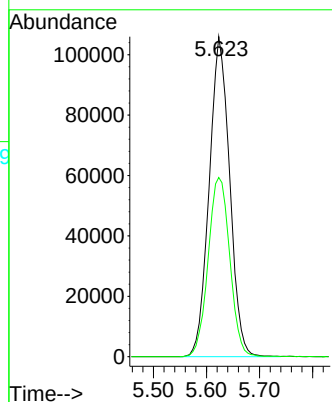
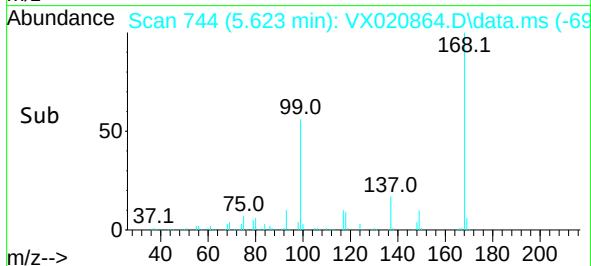


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

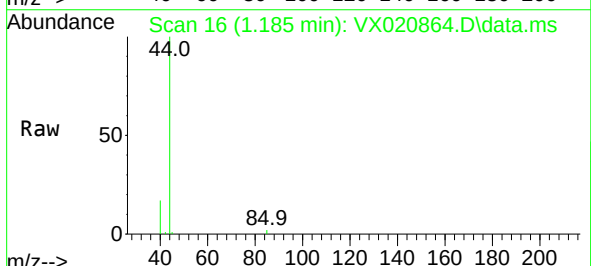
Instrument :
MSVOA_X
ClientSampled :



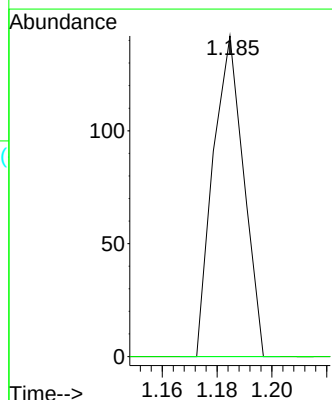
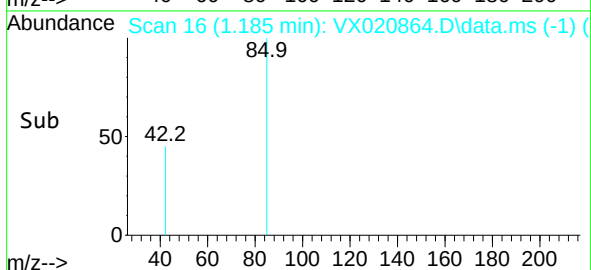
Tgt Ion:168 Resp: 284044
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6

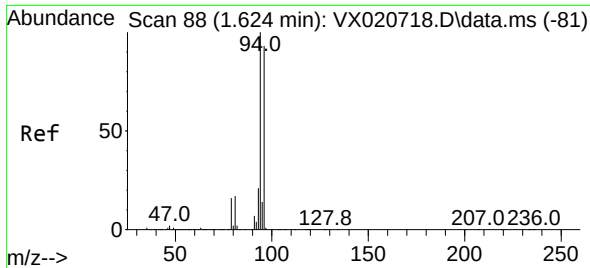


#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



Tgt Ion: 85 Resp: 110
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

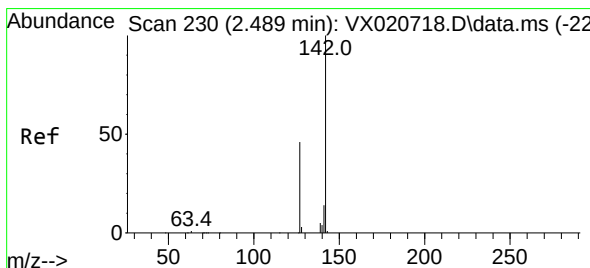
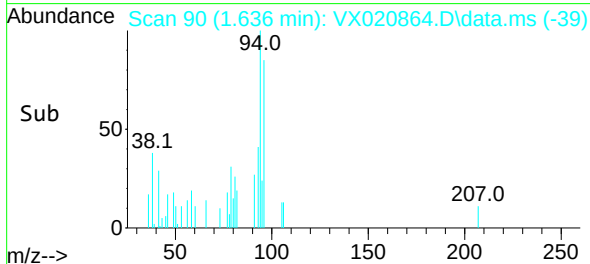
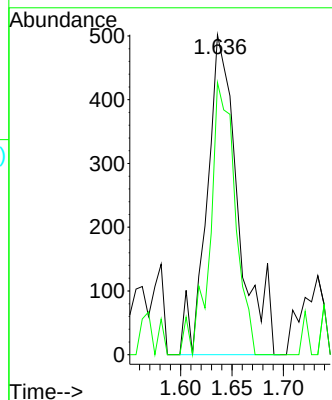
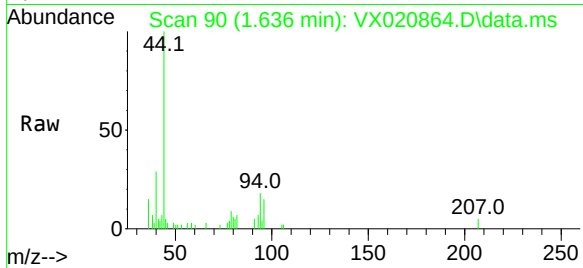




#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

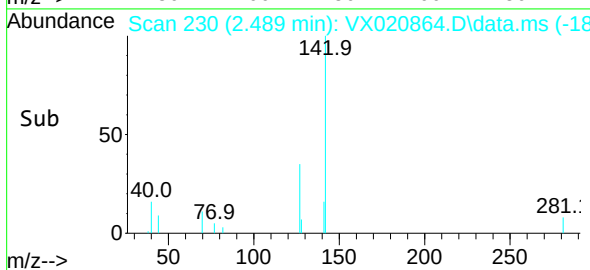
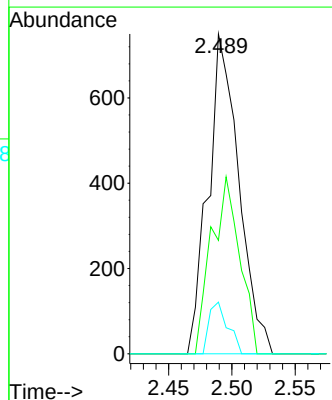
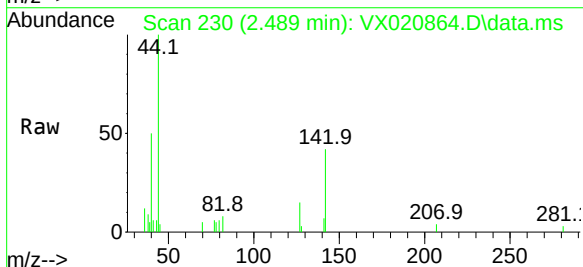
Instrument :
MSVOA_X
ClientSampled :

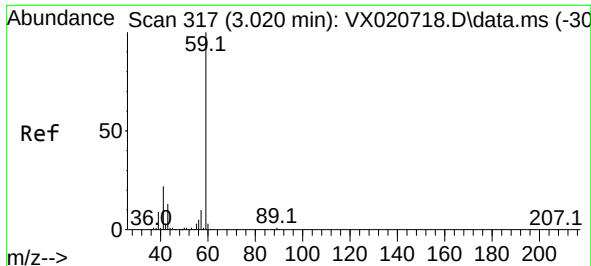
Tgt Ion: 94 Resp: 1060
Ion Ratio Lower Upper
94 100
96 85.1 76.4 114.6



#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

Tgt Ion: 142 Resp: 1266
Ion Ratio Lower Upper
142 100
127 51.0 33.3 49.9#
141 9.8 11.4 17.0#





#11

Tert butyl alcohol

Concen: 2.22 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.037 min

Lab File: VX020864.D

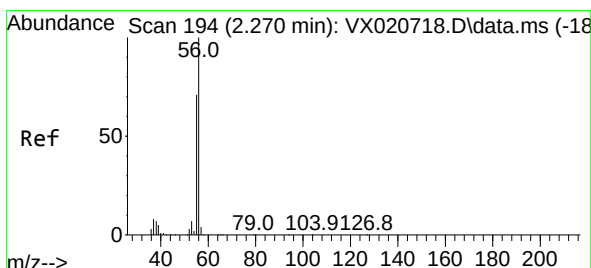
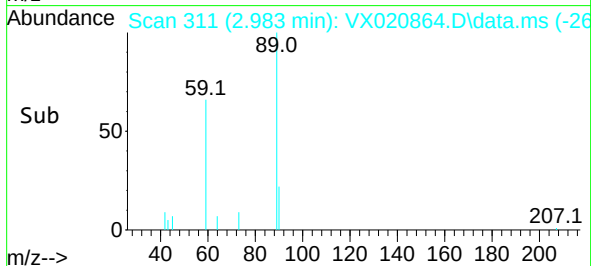
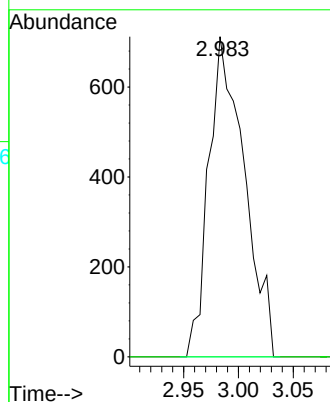
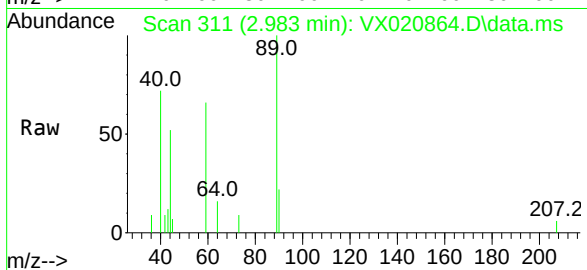
Acq: 05 Feb 2021 11:41

Tgt Ion: 59 Resp: 1607

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 0.72 ug/l

RT: 2.270 min Scan# 194

Delta R.T. -0.000 min

Lab File: VX020864.D

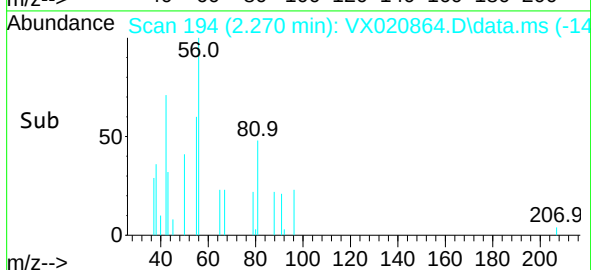
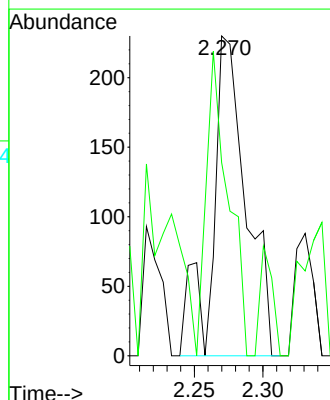
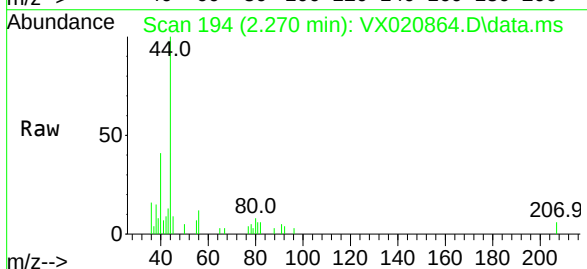
Acq: 05 Feb 2021 11:41

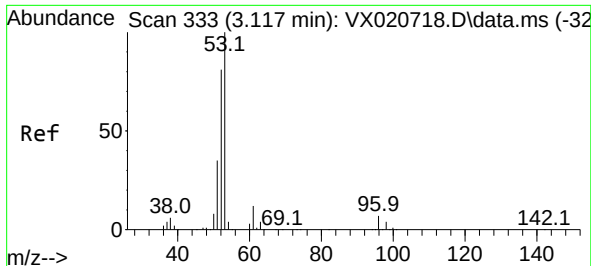
Tgt Ion: 56 Resp: 395

Ion Ratio Lower Upper

56 100

55 62.0 56.4 84.6

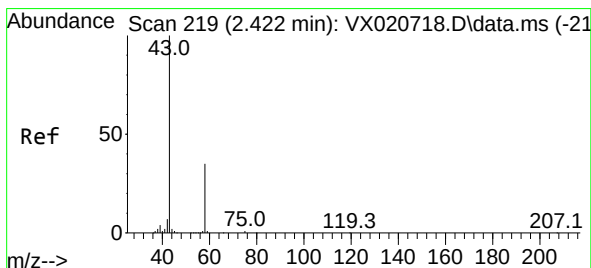
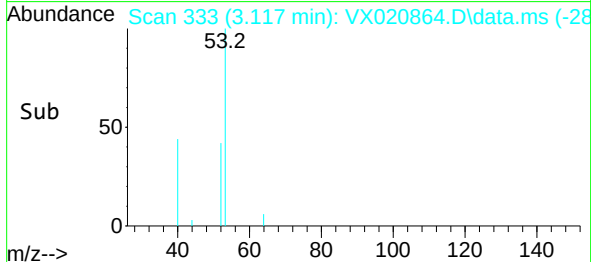
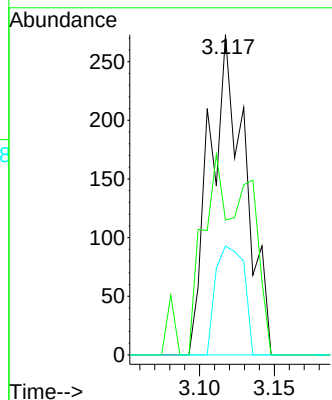
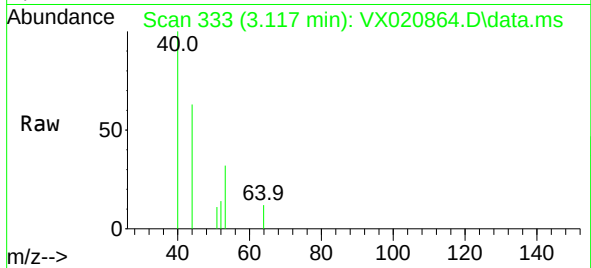




#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

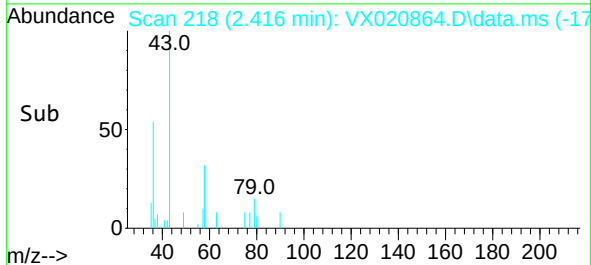
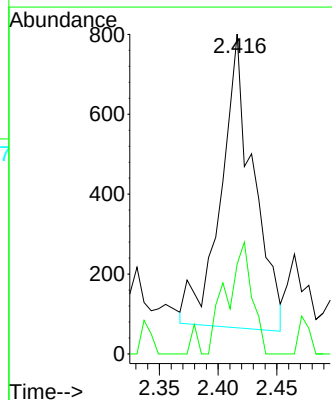
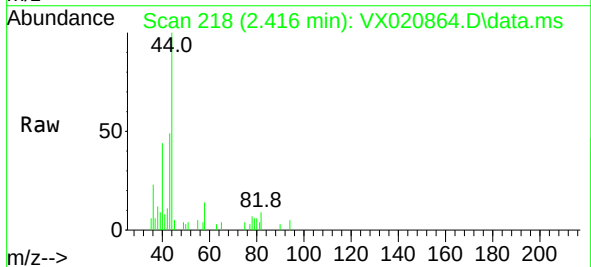
Instrument :
MSVOA_X
ClientSampled :

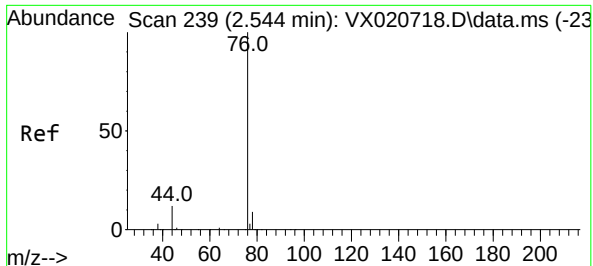
Tgt Ion: 53 Resp: 448
Ion Ratio Lower Upper
53 100
52 50.2 65.3 97.9#
51 27.5 28.2 42.2#



#16
Acetone
Concen: 0.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8

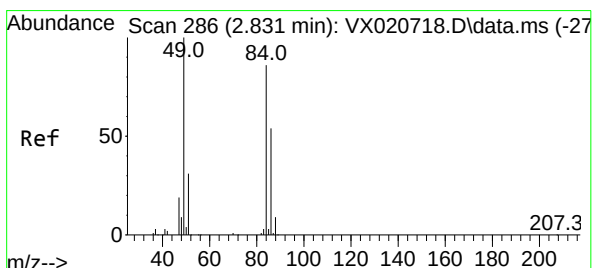
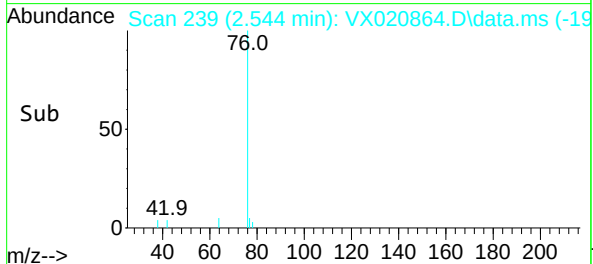
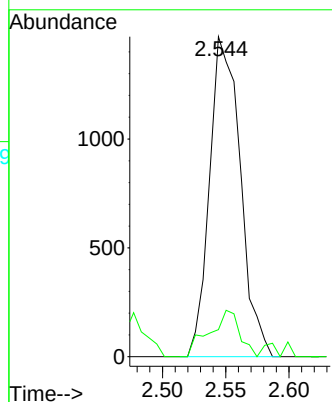
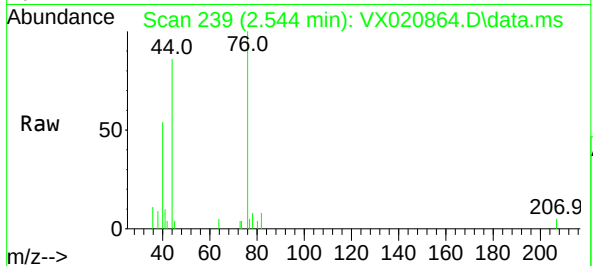




#17
Carbon Disulfide
Concen: 1.18 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

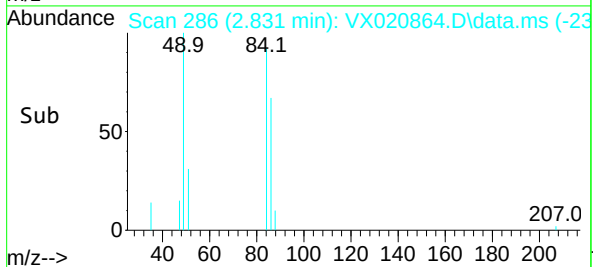
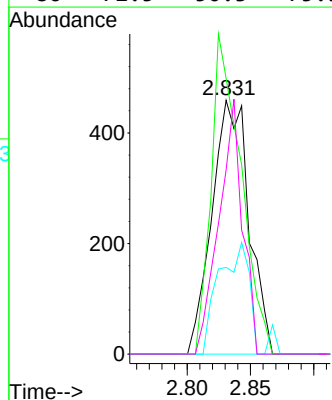
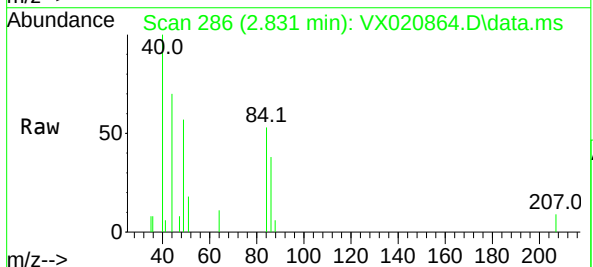
Instrument :
MSVOA_X
ClientSampled :

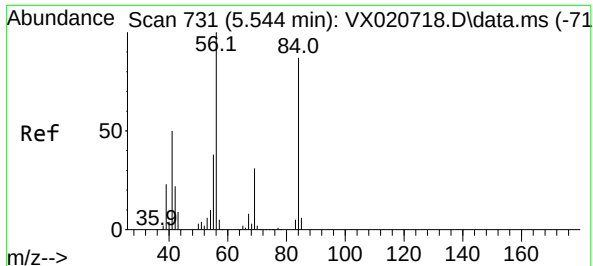
Tgt Ion: 76 Resp: 2486
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

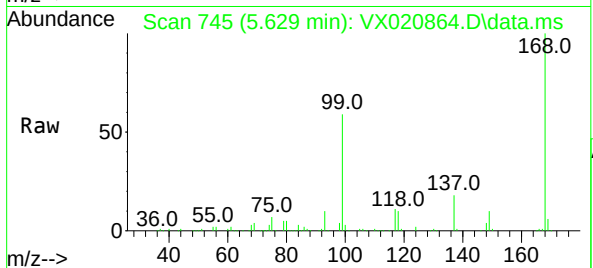
Tgt Ion: 84 Resp: 935
Ion Ratio Lower Upper
84 100
49 108.7 88.6 132.8
51 34.2 27.0 40.6
86 72.5 50.3 75.5



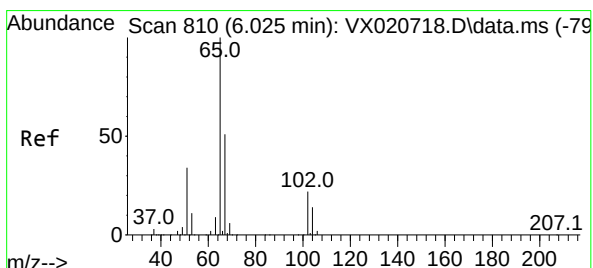
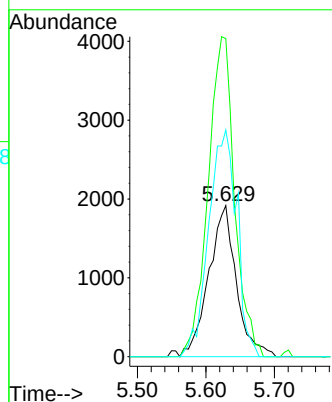
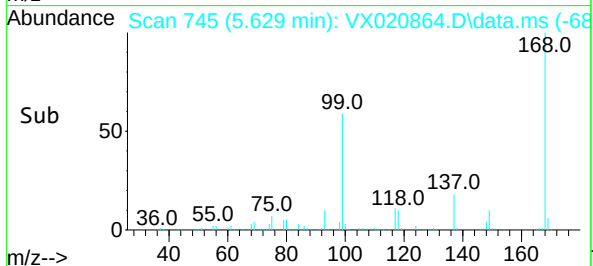


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

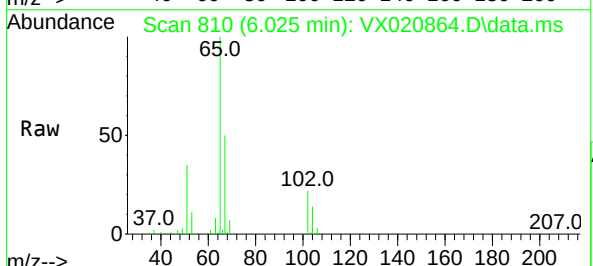
Instrument :
MSVOA_X
ClientSampleId :



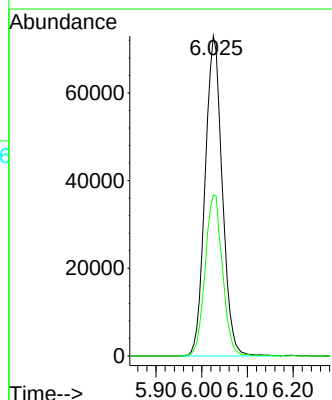
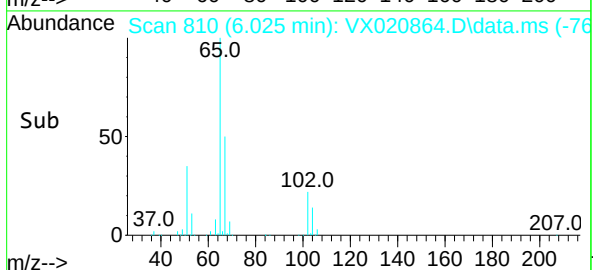
Tgt Ion: 56 Resp: 5366
Ion Ratio Lower Upper
56 100
69 210.6 25.3 37.9#
84 150.1 71.4 107.0#

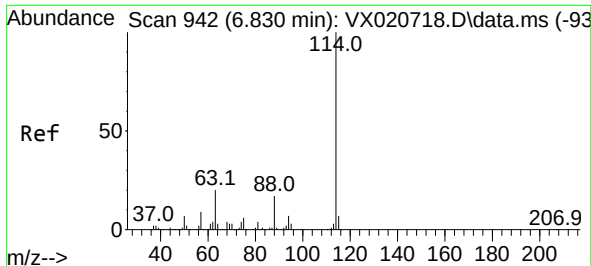


#33
1,2-Dichloroethane-d4
Concen: 48.98 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



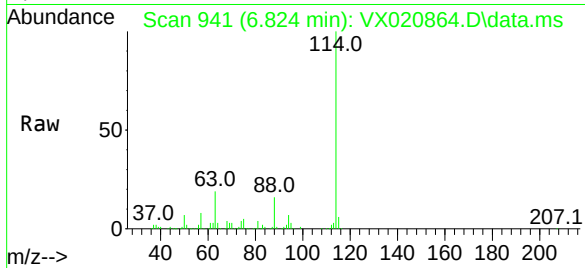
Tgt Ion: 65 Resp: 189767
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4



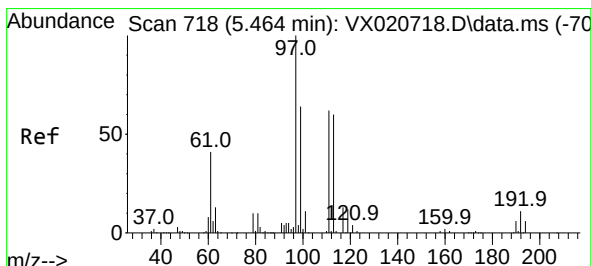
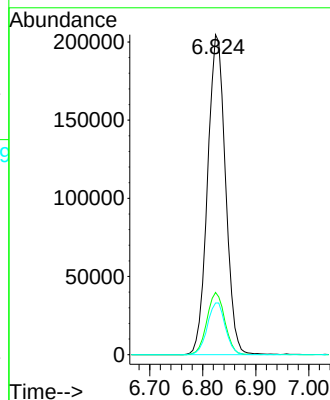
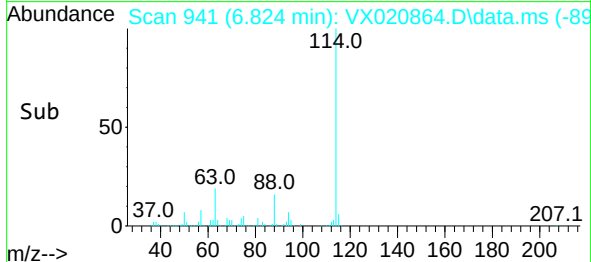


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

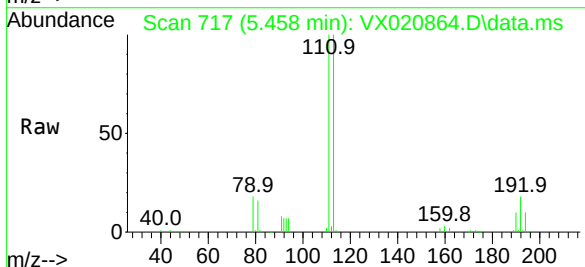
Instrument :
MSVOA_X
ClientSampleId :



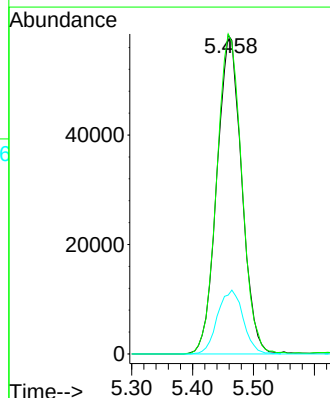
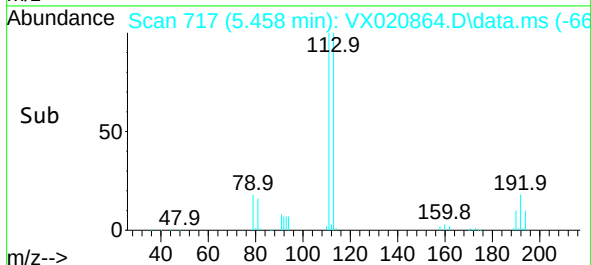
Tgt Ion:114 Resp: 479866
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 16.2 0.0 32.8

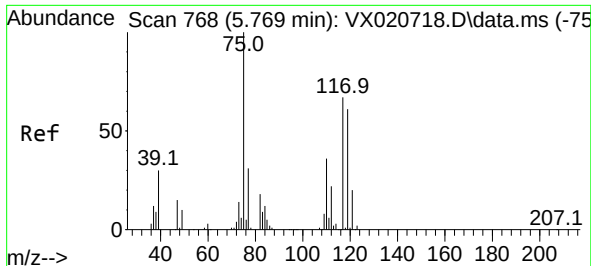


#35
Dibromofluoromethane
Concen: 49.90 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



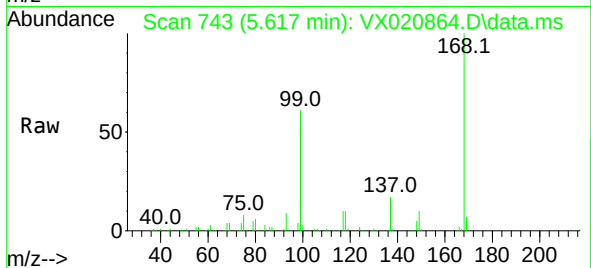
Tgt Ion:113 Resp: 164024
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.8 16.7 25.1



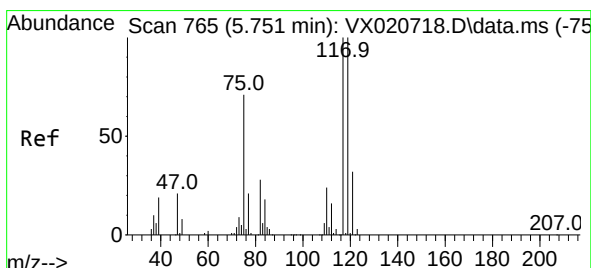
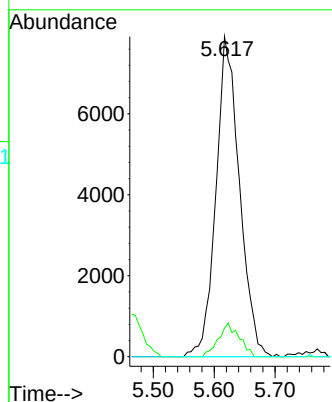
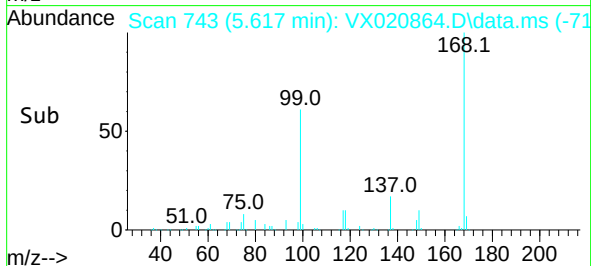


#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.152 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

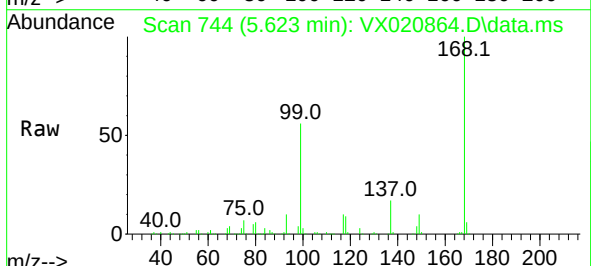
Instrument :
MSVOA_X
ClientSampleId :



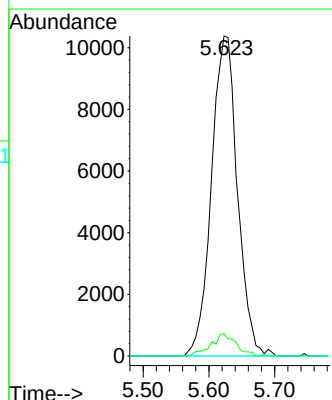
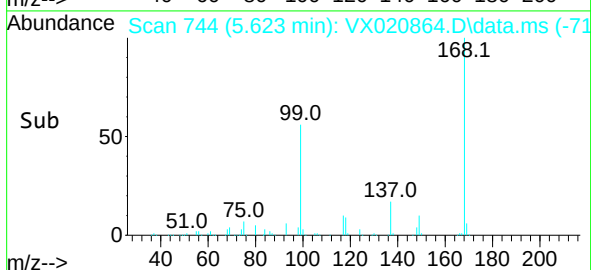
Tgt Ion: 75 Resp: 21230
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#

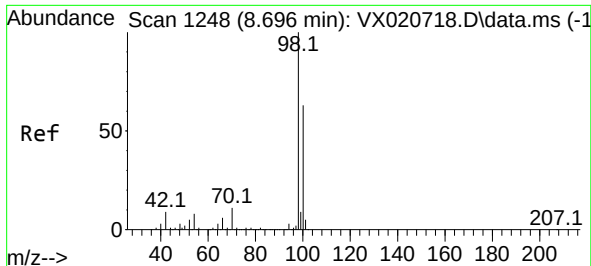


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



Tgt Ion: 117 Resp: 28561
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

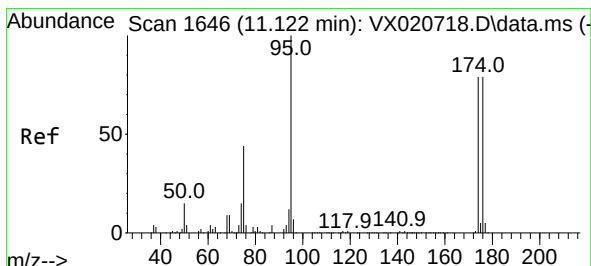
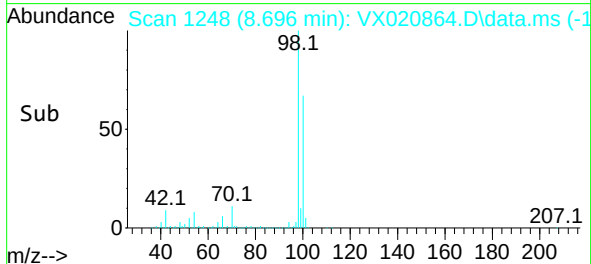
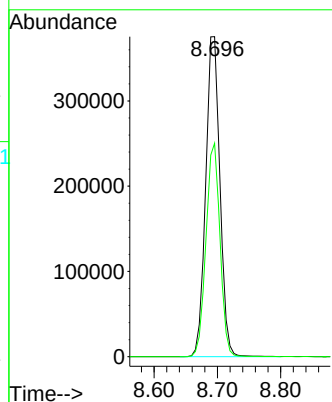
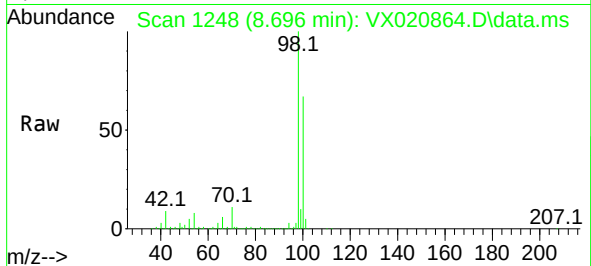




#50
Toluene-d8
Concen: 48.92 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

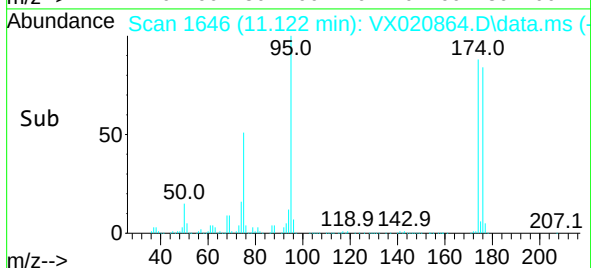
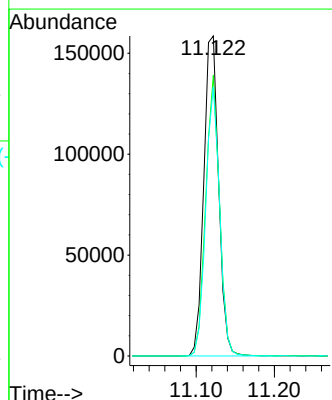
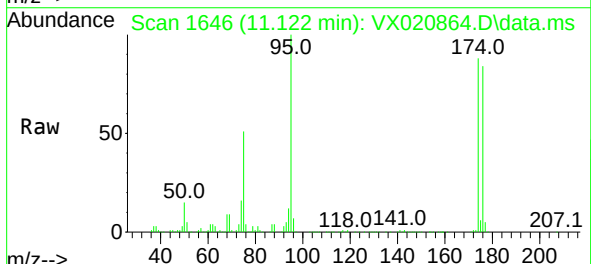
Instrument :
MSVOA_X
ClientSampled :

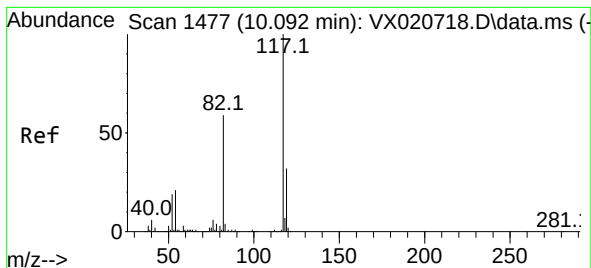
Tgt Ion: 98 Resp: 589524
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

Tgt Ion: 95 Resp: 208115
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 79.1 0.0 155.8

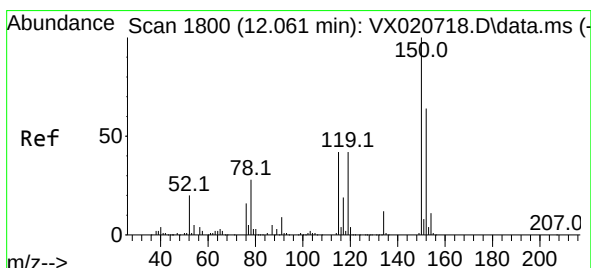
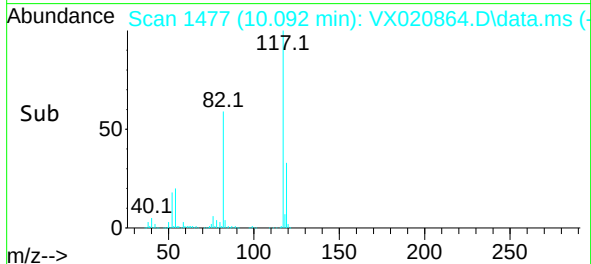
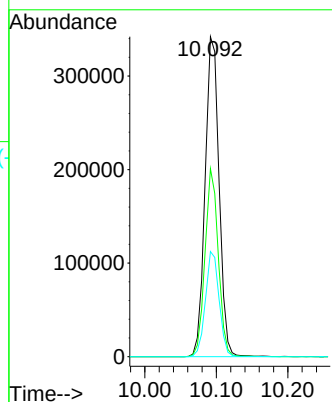
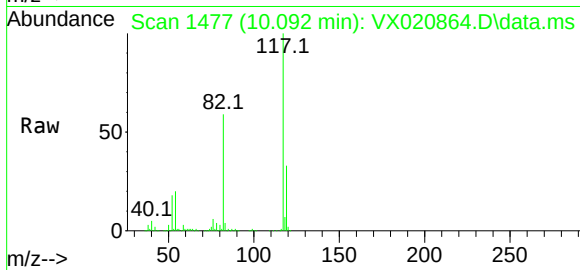




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

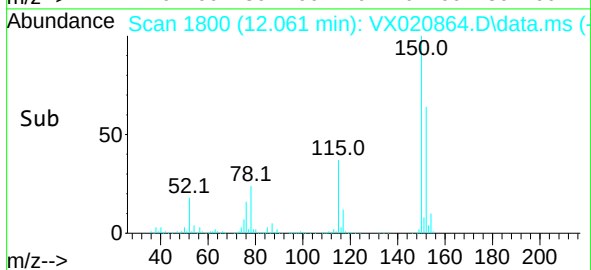
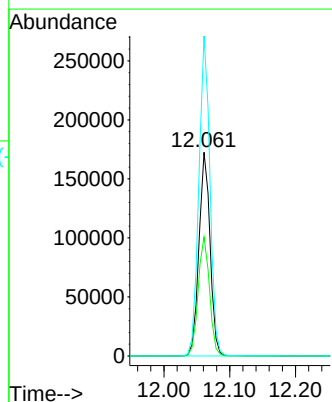
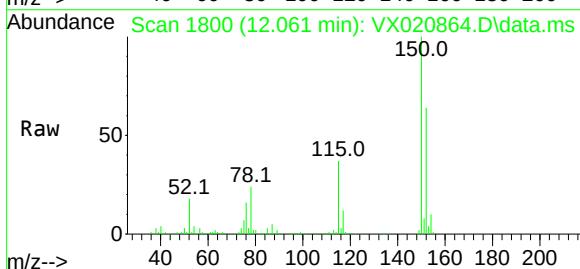
Instrument :
MSVOA_X
ClientSampleId :

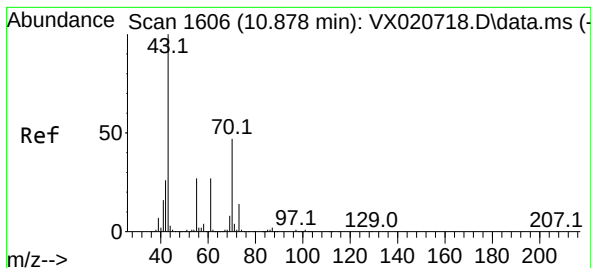
Tgt Ion:117 Resp: 465250
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

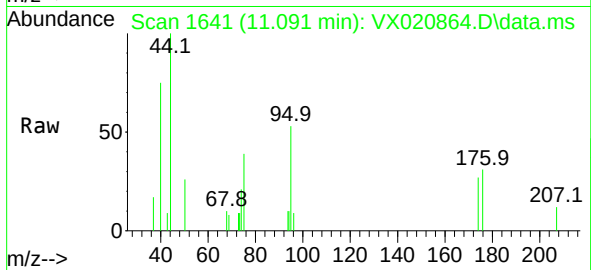
Tgt Ion:152 Resp: 203071
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 156.5 0.0 349.0



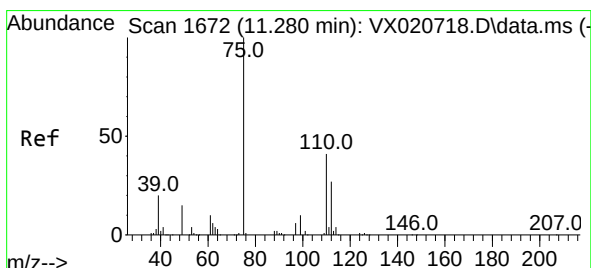
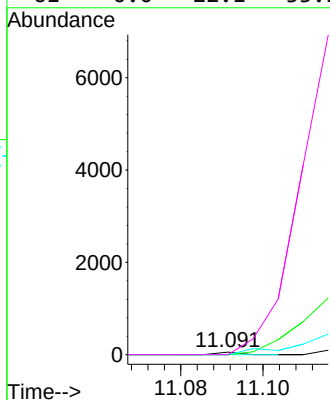
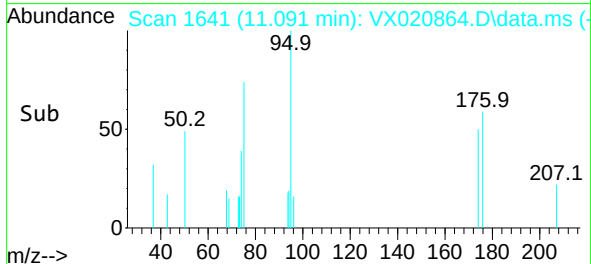


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 11.091 min Scan# 1641
Delta R.T. 0.213 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

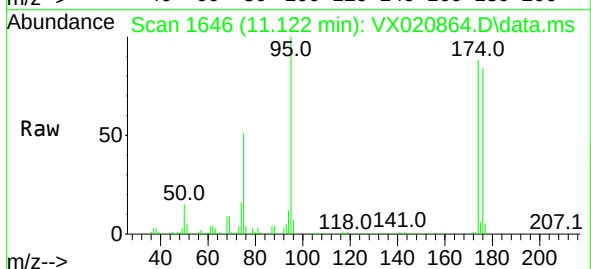
Instrument :
MSVOA_X
ClientSampleId :



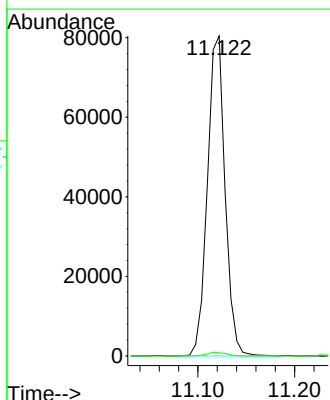
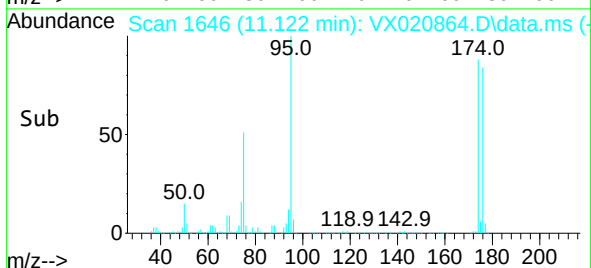
Tgt Ion: 43	Resp: 21
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#

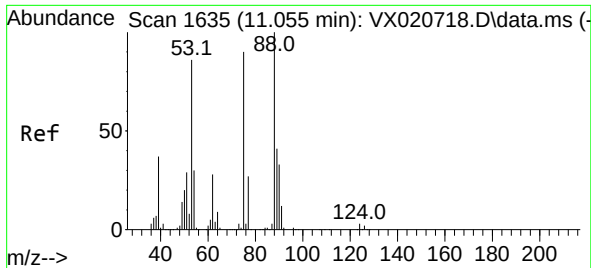


#76
1,2,3-Trichloropropane
Concen: 21.73 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



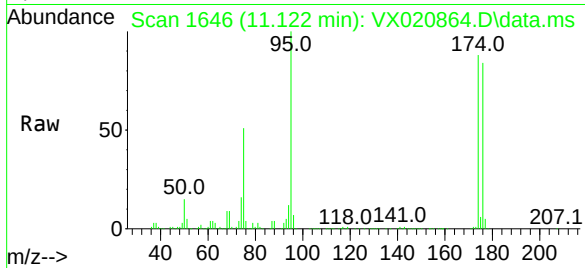
Tgt Ion: 75	Resp: 102345
Ion Ratio	Lower Upper
75 100	
77 1.3	19.1 57.5#



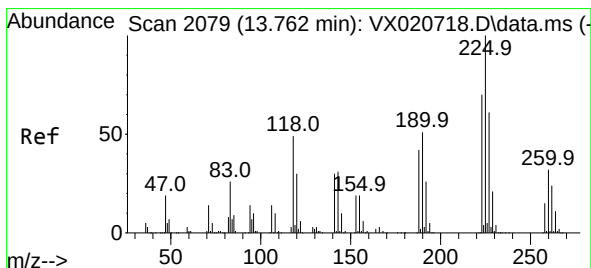
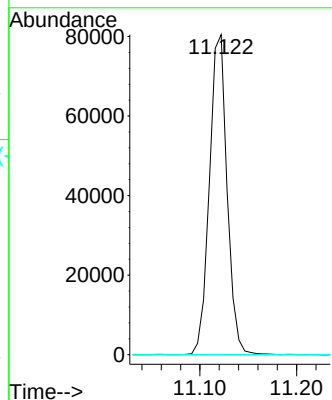
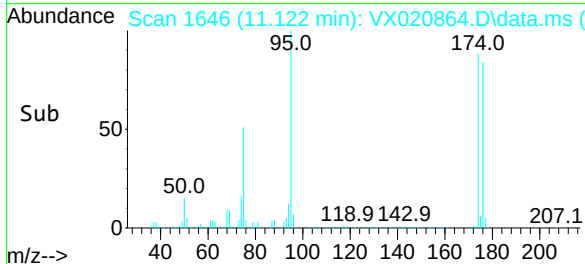


#81
trans-1,4-Dichloro-2-butene
Concen: 60.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

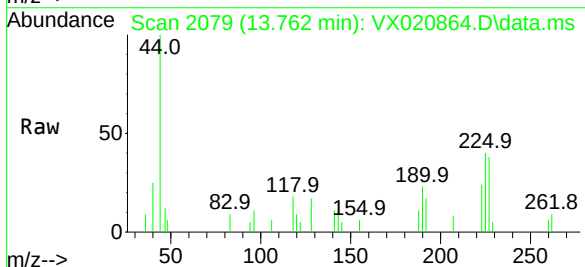
Instrument :
MSVOA_X
ClientSampled :



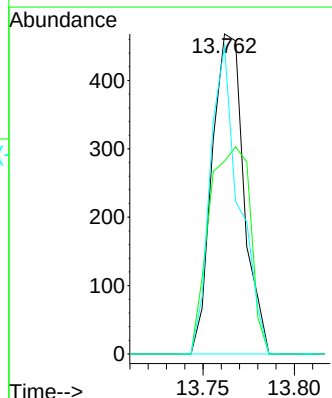
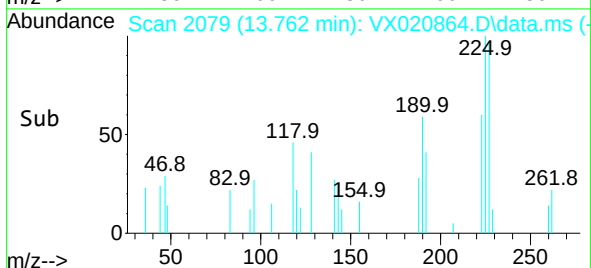
Tgt Ion: 75 Resp: 102345
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

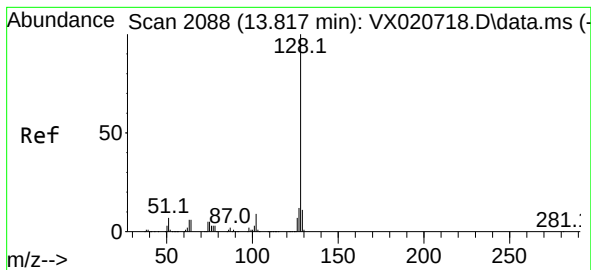


#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41



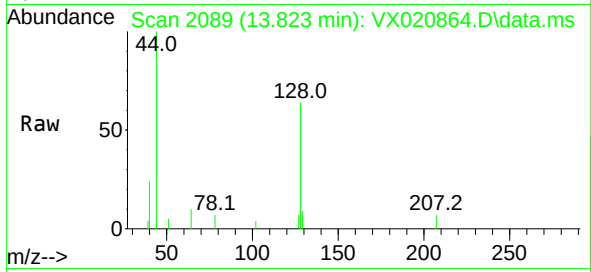
Tgt Ion: 225 Resp: 566
Ion Ratio Lower Upper
225 100
223 83.9 31.1 93.2
227 87.8 31.6 95.0





#95
Naphthalene
Concen: 2.96 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020864.D
Acq: 05 Feb 2021 11:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1392
Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.3	15.5#
129	7.2	8.8	13.2#

