

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020868.D
 Acq On : 05 Feb 2021 13:36
 Operator : JC/MD
 Sample : M1329-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:04:54 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

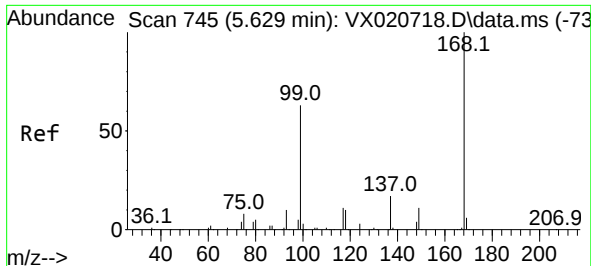
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	284129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	477575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	453870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	189236	48.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.66%
35) Dibromofluoromethane	5.458	113	165866	50.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.40%
50) Toluene-d8	8.696	98	593349	49.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.96%
62) 4-Bromofluorobenzene	11.122	95	206515	44.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.191	85	188	1.24	ug/l #	42
5) Bromomethane	1.630	94	869	0.45	ug/l	89
10) Methyl Iodide	2.502	142	1680	0.43	ug/l	97
11) Tert butyl alcohol	2.989	59	1301	1.80	ug/l #	73
13) Acrolein	2.288	56	270	0.49	ug/l	94
15) Acrylonitrile	3.117	53	470	0.26	ug/l #	86
16) Acetone	2.422	43	1789	1.22	ug/l	97
17) Carbon Disulfide	2.550	76	2162	1.14	ug/l #	94
20) Methylene Chloride	2.831	84	1054	0.28	ug/l #	79
29) Tetrahydrofuran	5.099	42	627	0.42	ug/l #	51
31) Cyclohexane	5.629	56	5135	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21776	4.54	ug/l #	50
38) Carbon Tetrachloride	5.629	117	28705	5.70	ug/l #	16
74) N-amyl acetate	10.872	43	28	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	100404	21.96	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100404	61.54	ug/l #	12
94) Hexachlorobutadiene	13.768	225	433	0.22	ug/l	88
95) Naphthalene	13.817	128	1635	2.97	ug/l #	87

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

Quant Time: Feb 06 01:04:54 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

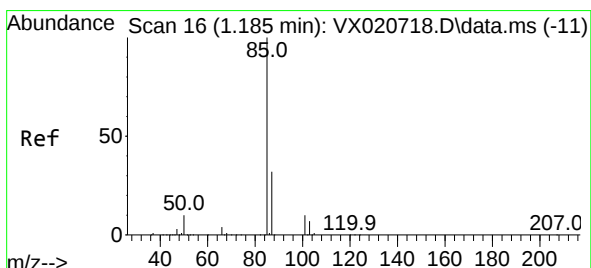
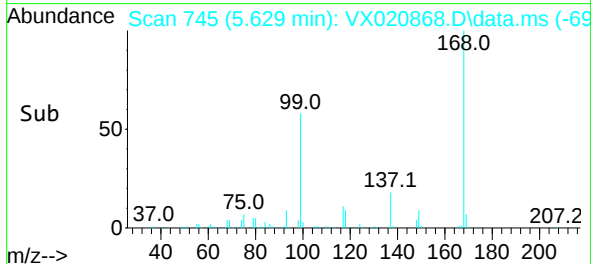
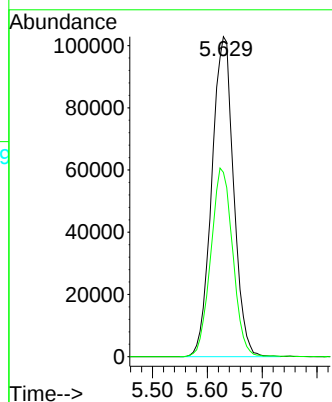
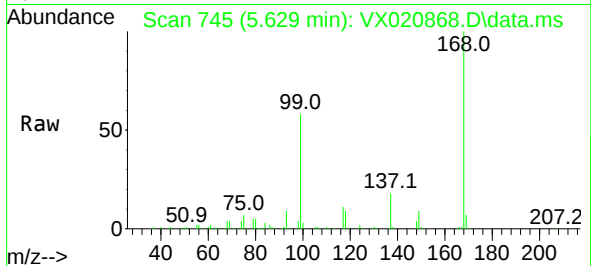




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

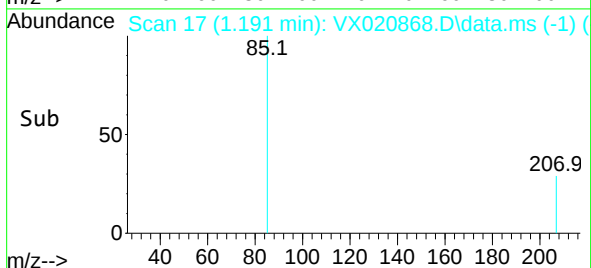
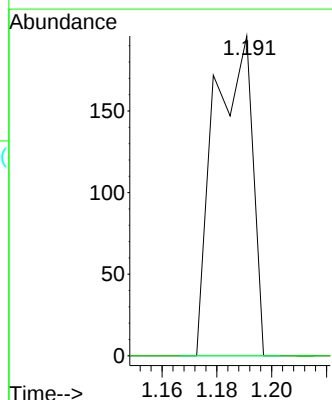
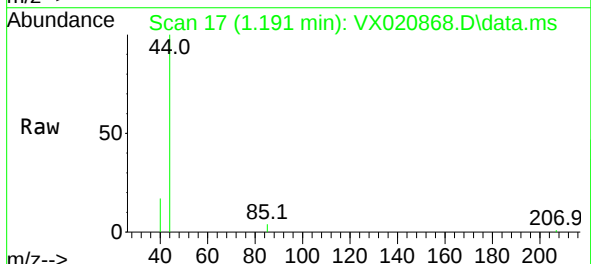
Instrument :
MSVOA_X
ClientSampled :

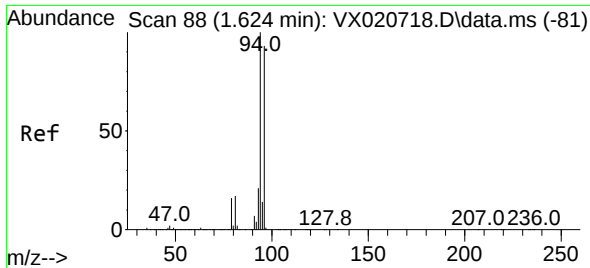
Tgt Ion:168 Resp: 284129
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.24 ug/l
RT: 1.191 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 85 Resp: 188
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

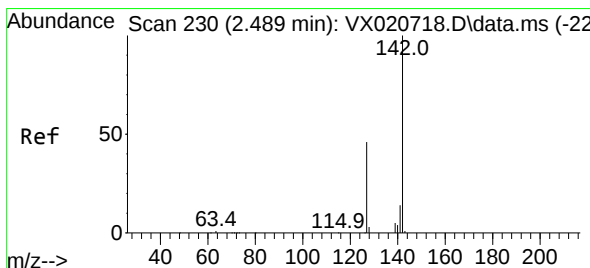
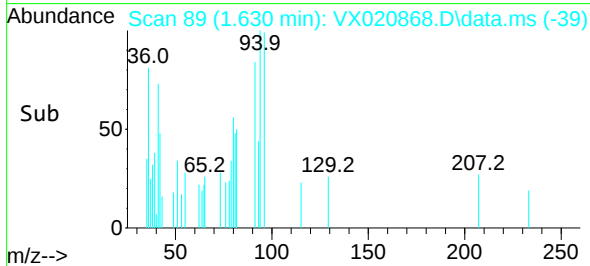
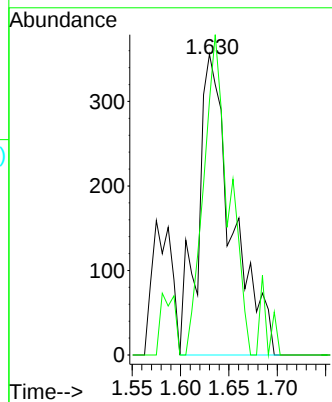
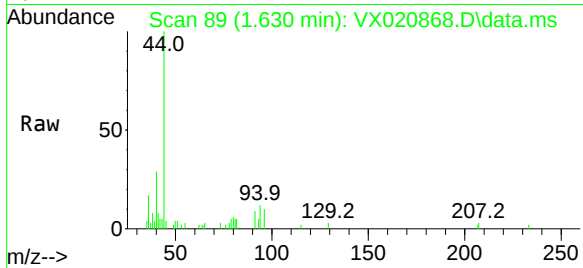




#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

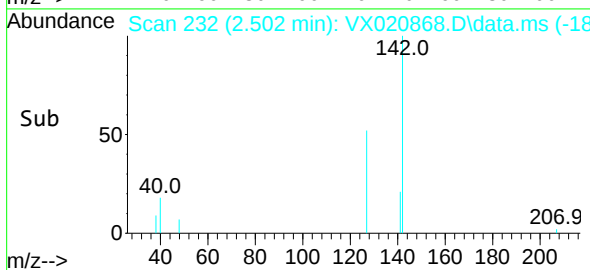
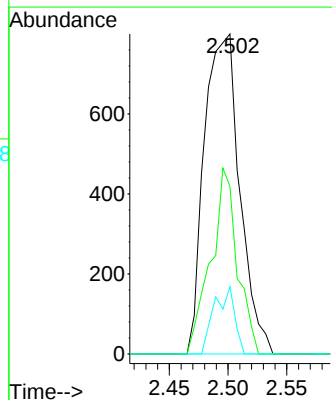
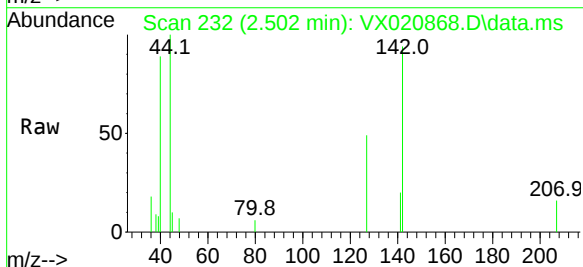
Instrument :
MSVOA_X
ClientSampled :

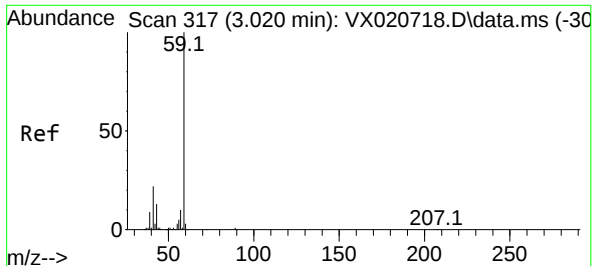
Tgt Ion: 94 Resp: 869
Ion Ratio Lower Upper
94 100
96 84.6 76.4 114.6



#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 142 Resp: 1680
Ion Ratio Lower Upper
142 100
127 43.4 33.3 49.9
141 12.1 11.4 17.0

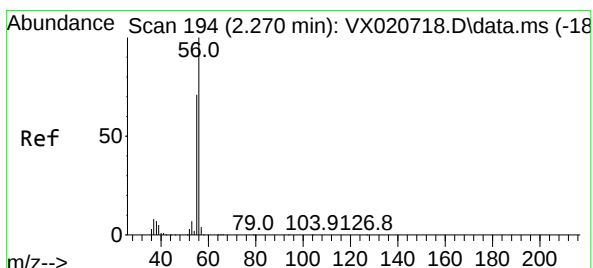
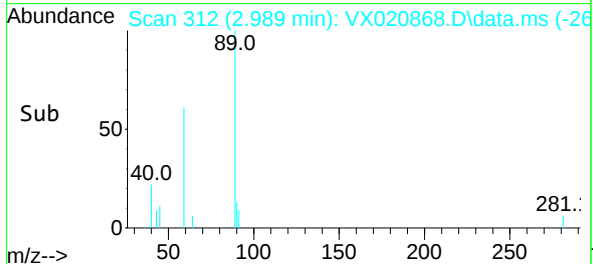
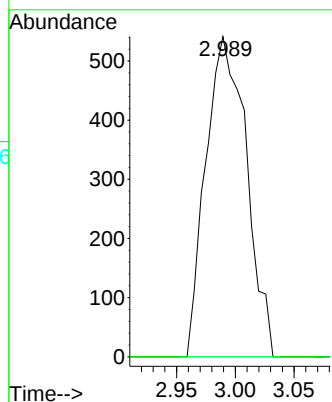
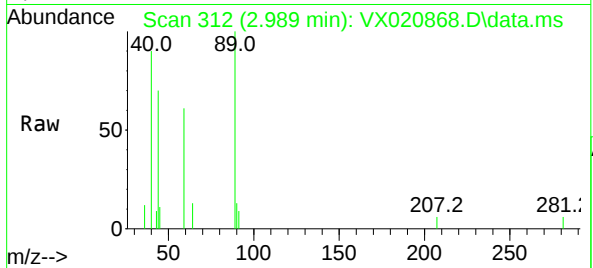




#11
Tert butyl alcohol
Concen: 1.80 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

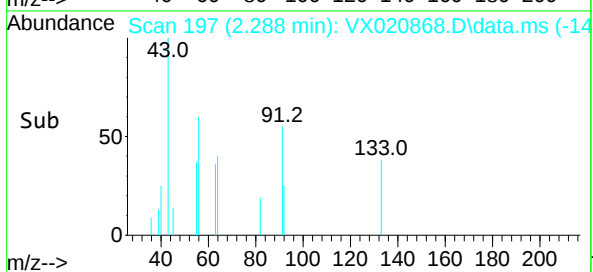
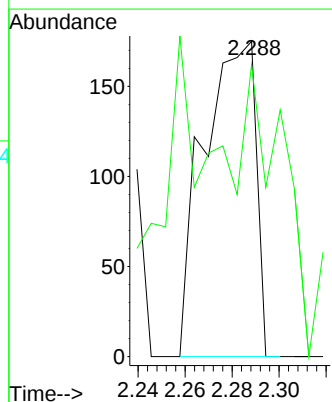
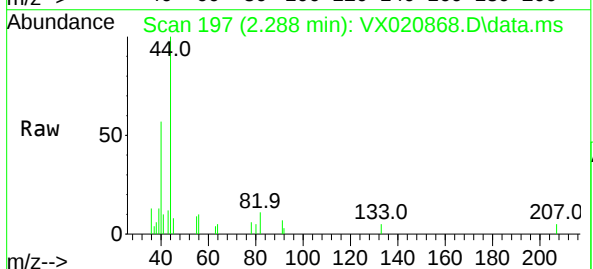
Instrument :
MSVOA_X
ClientSampled :

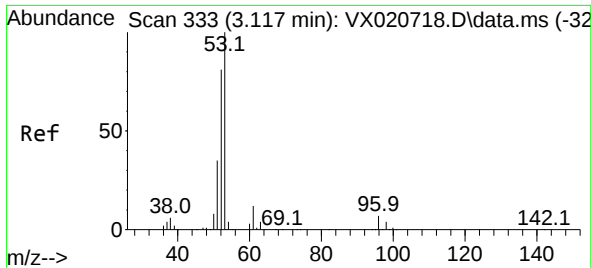
Tgt Ion: 59 Resp: 1301
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.49 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.018 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 65.9 56.4 84.6

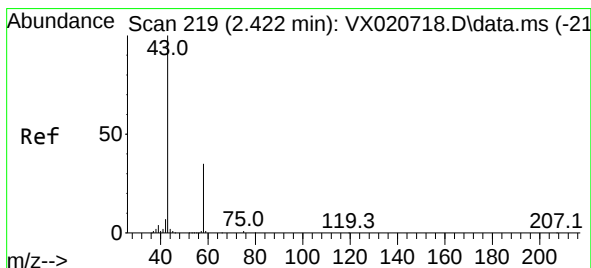
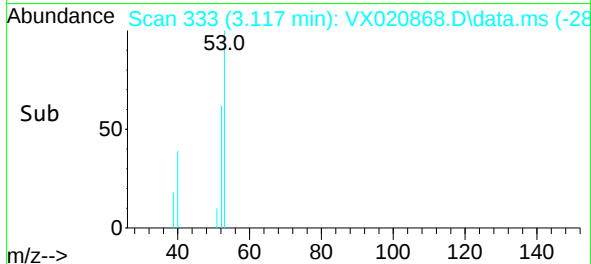
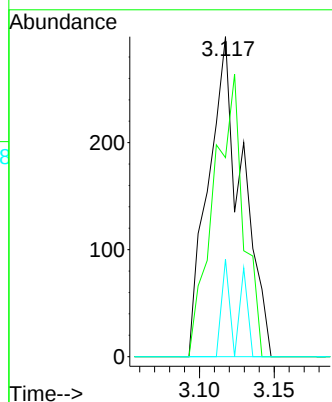
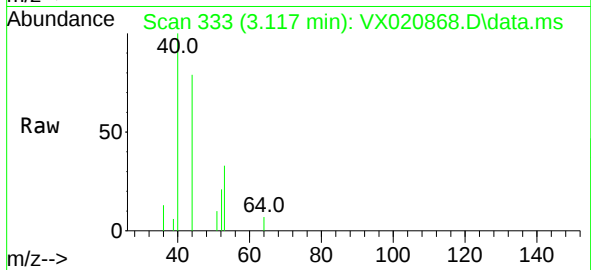




#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

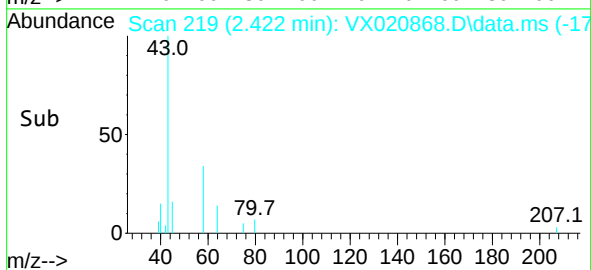
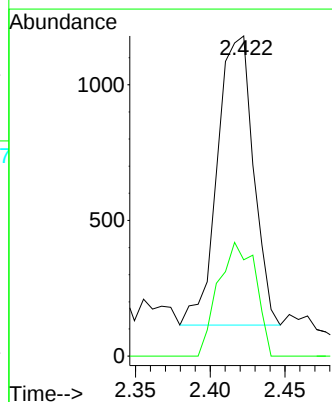
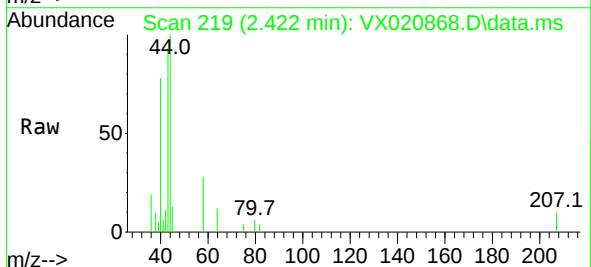
Instrument :
MSVOA_X
ClientSampled :

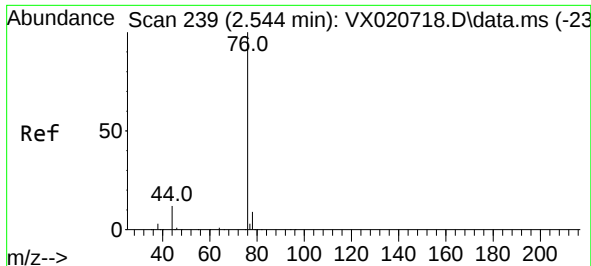
Tgt Ion: 53 Resp: 470
Ion Ratio Lower Upper
53 100
52 77.7 65.3 97.9
51 13.6 28.2 42.2#



#16
Acetone
Concen: 1.22 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8

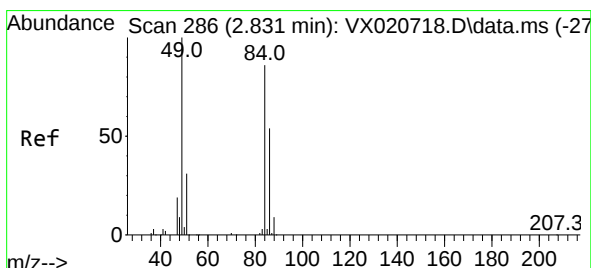
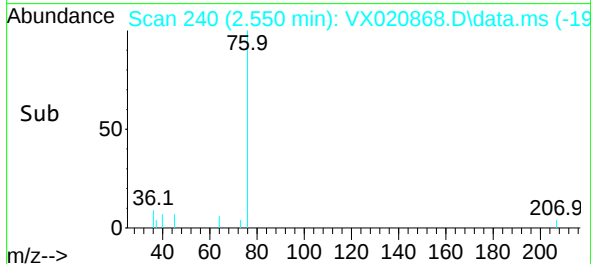
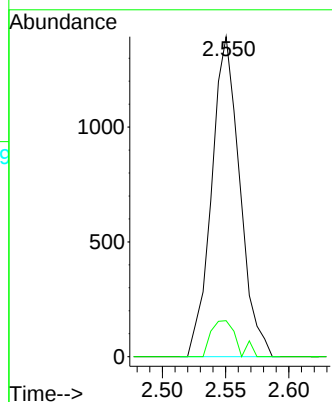
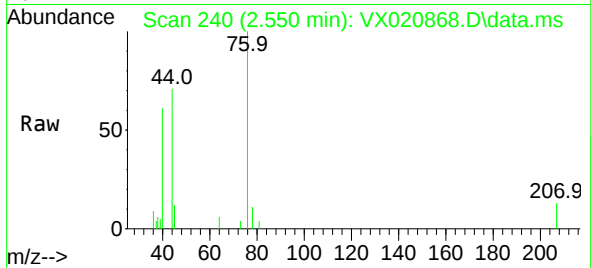




#17
Carbon Disulfide
Concen: 1.14 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

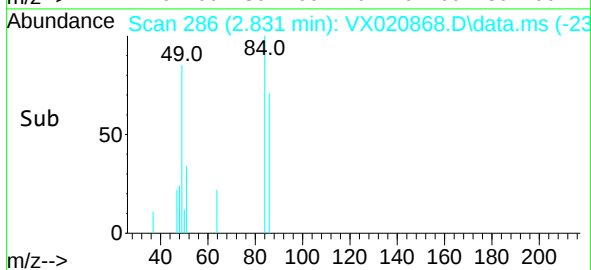
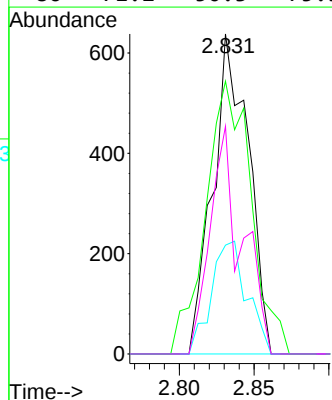
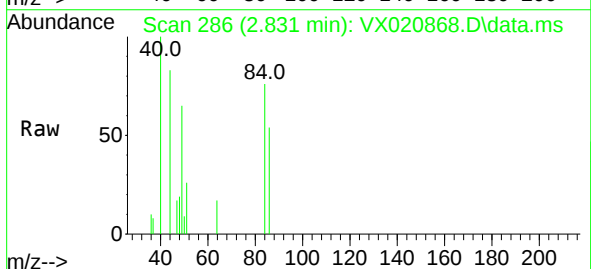
Instrument :
MSVOA_X
ClientSampled :

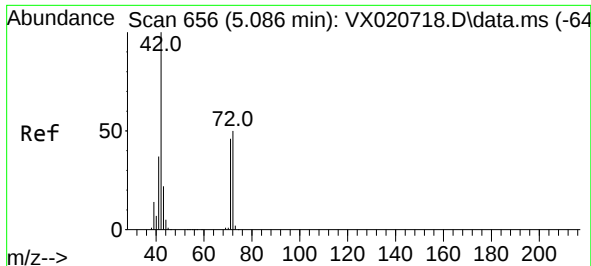
Tgt Ion: 76 Resp: 2162
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 84 Resp: 1054
Ion Ratio Lower Upper
84 100
49 74.9 88.6 132.8#
51 34.0 27.0 40.6
86 71.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.42 ug/l

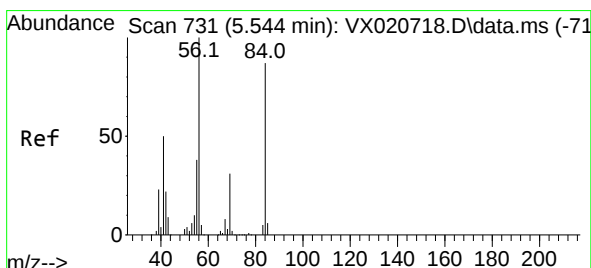
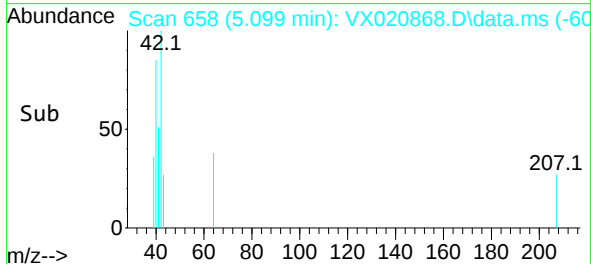
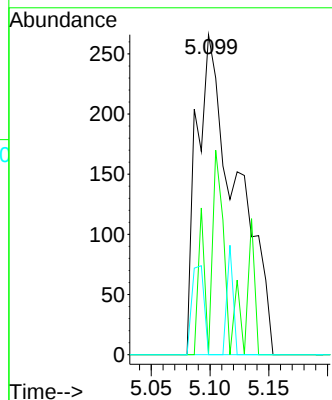
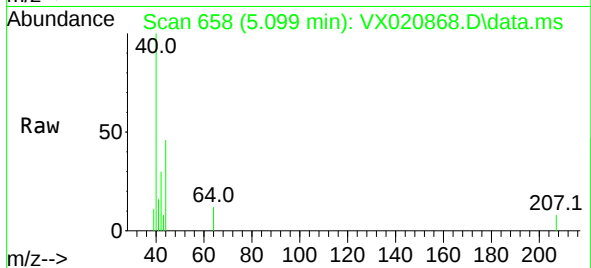
RT: 5.099 min Scan# 658

Delta R.T. 0.013 min

Lab File: VX020868.D

Acq: 05 Feb 2021 13:36

Tgt Ion:	42	Resp:	627
Ion	Ratio	Lower	Upper
42	100		
72	23.6	41.7	62.5#
71	8.5	38.4	57.6#



#31

Cyclohexane

Concen: 0.99 ug/l

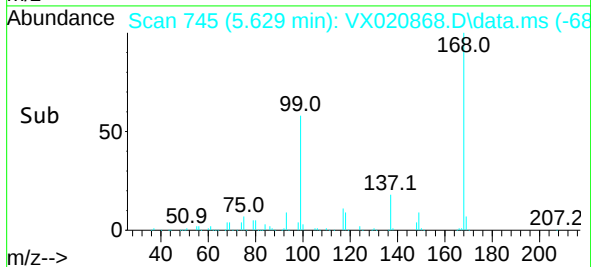
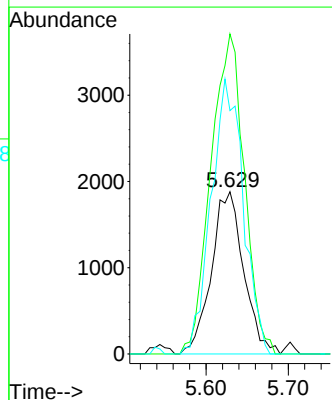
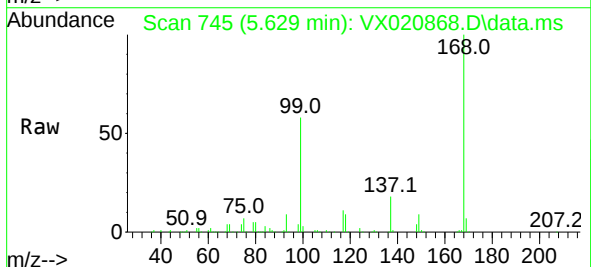
RT: 5.629 min Scan# 745

Delta R.T. 0.085 min

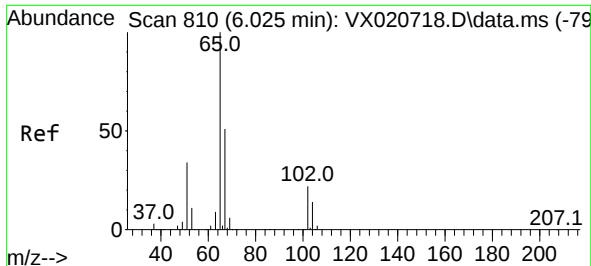
Lab File: VX020868.D

Acq: 05 Feb 2021 13:36

Tgt Ion:	56	Resp:	5135
Ion	Ratio	Lower	Upper
56	100		
69	197.1	25.3	37.9#
84	149.9	71.4	107.0#



Instrument :
MSVOA_X
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 48.83 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020868.D

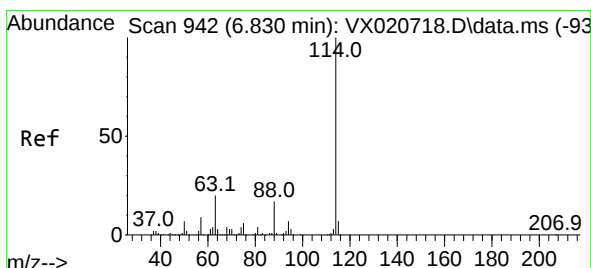
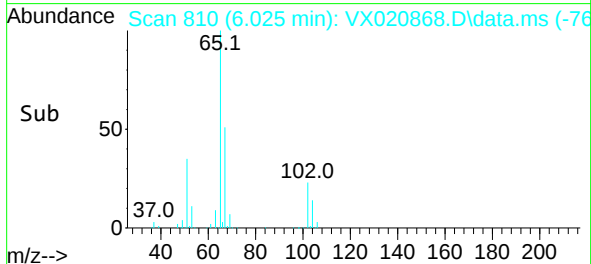
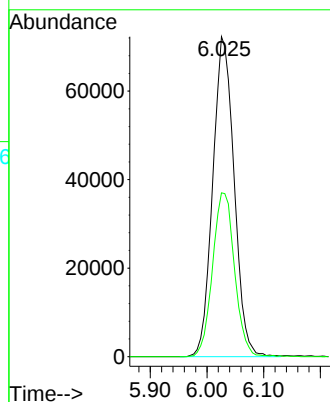
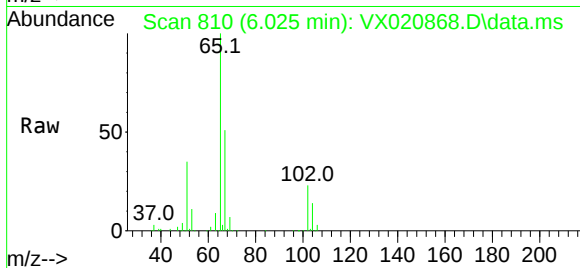
Acq: 05 Feb 2021 13:36

Tgt Ion: 65 Resp: 189236

Ion Ratio Lower Upper

65 100

67 52.8 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: VX020868.D

Acq: 05 Feb 2021 13:36

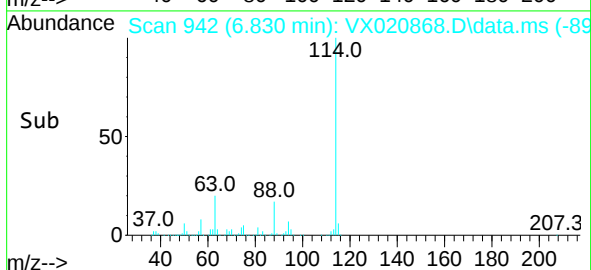
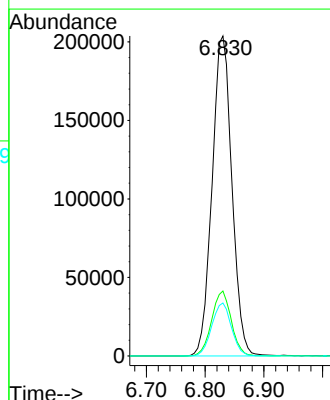
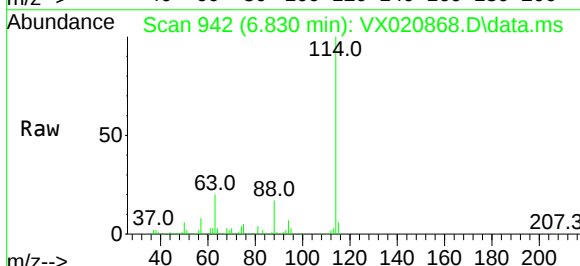
Tgt Ion: 114 Resp: 477575

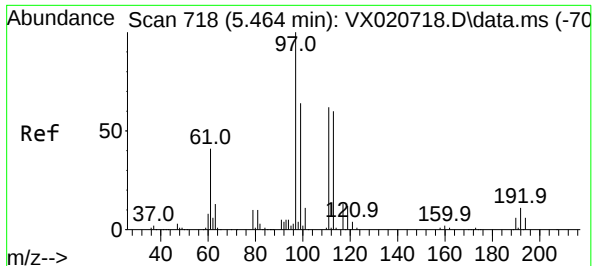
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

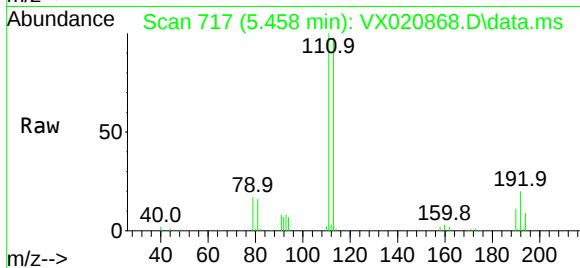
88 16.5 0.0 32.8



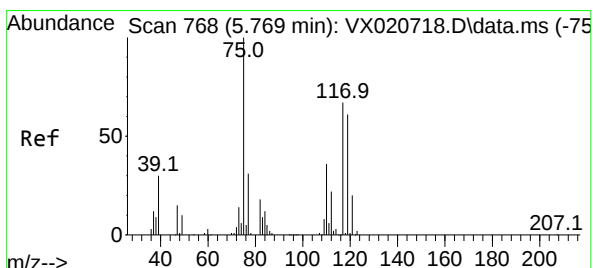
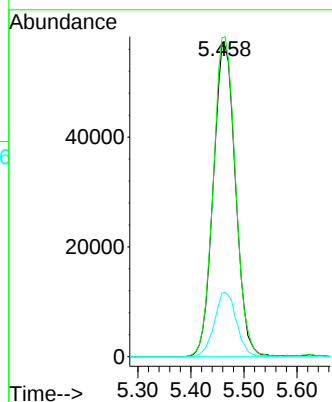
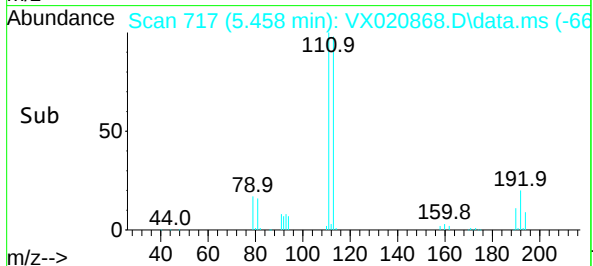


#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

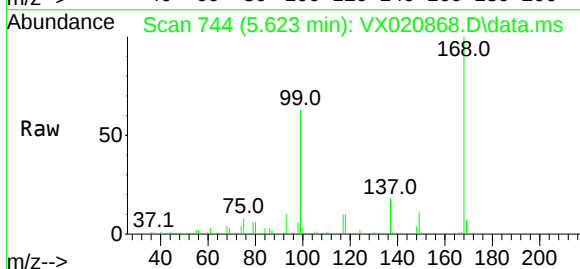
Instrument :
MSVOA_X
ClientSampled :



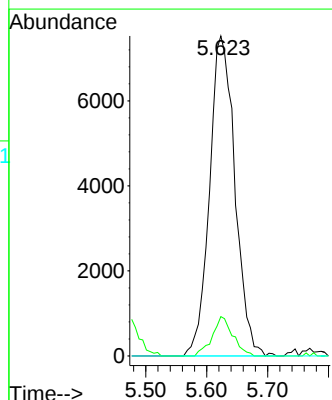
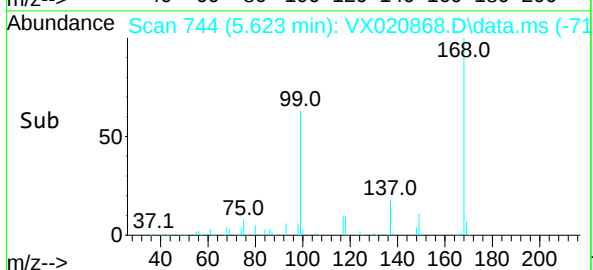
Tgt Ion:113 Resp: 165866
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.5 16.7 25.1

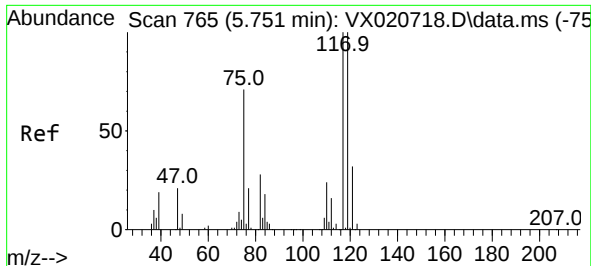


#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36



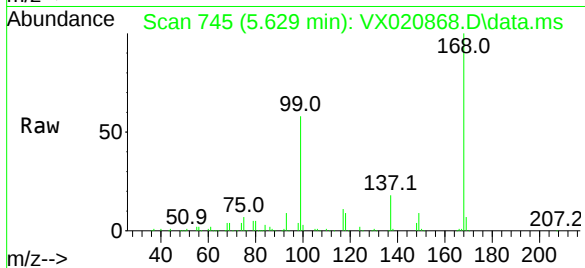
Tgt Ion: 75 Resp: 21776
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



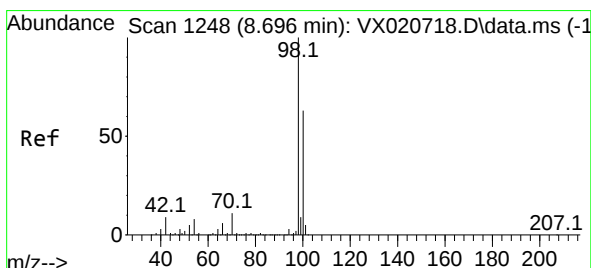
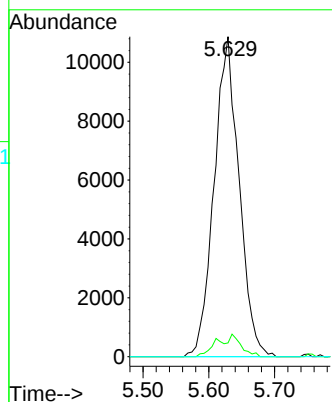
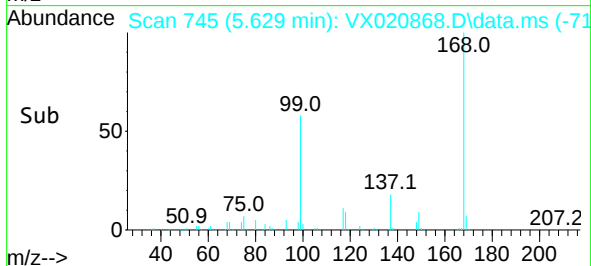


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

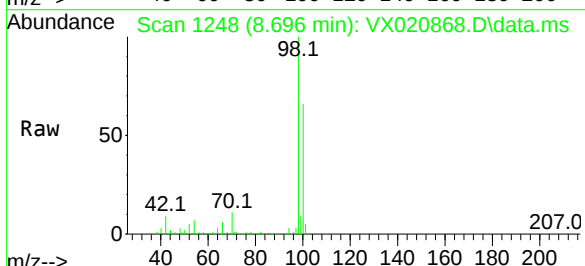
Instrument :
MSVOA_X
ClientSampled :



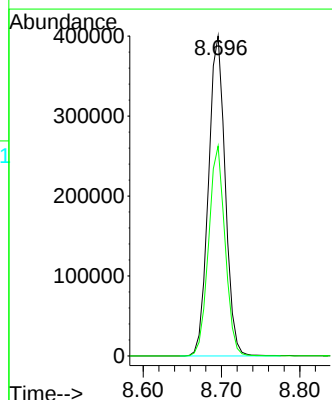
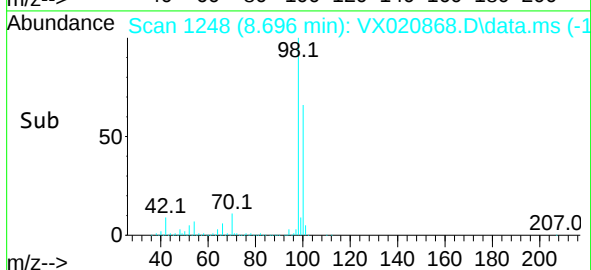
Tgt Ion:117 Resp: 28705
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

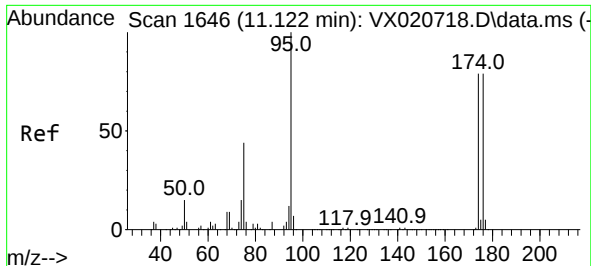


#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36



Tgt Ion: 98 Resp: 593349
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

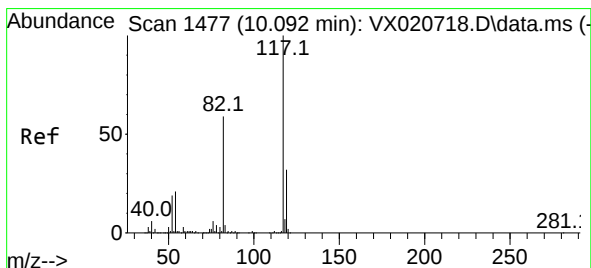
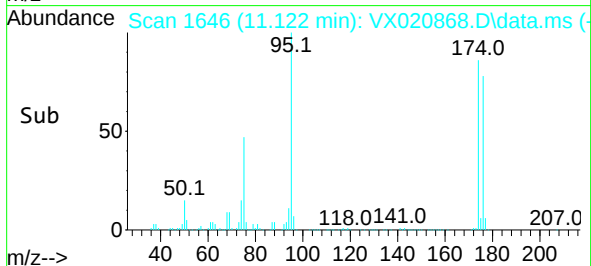
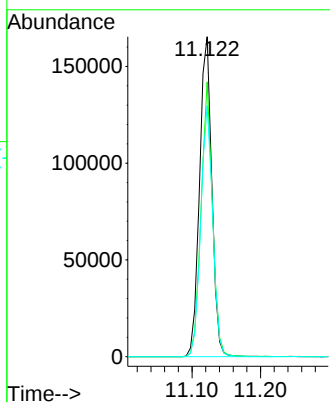
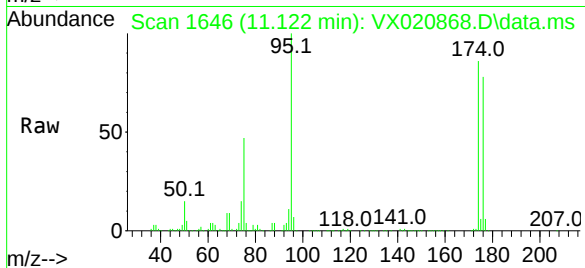




#62
4-Bromofluorobenzene
Concen: 44.34 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

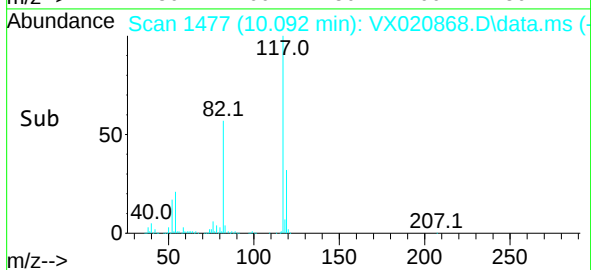
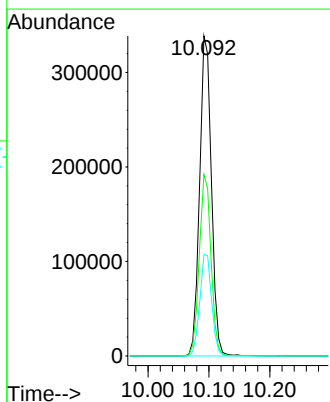
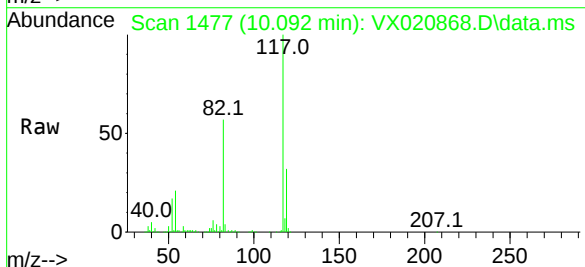
Instrument :
MSVOA_X
ClientSampled :

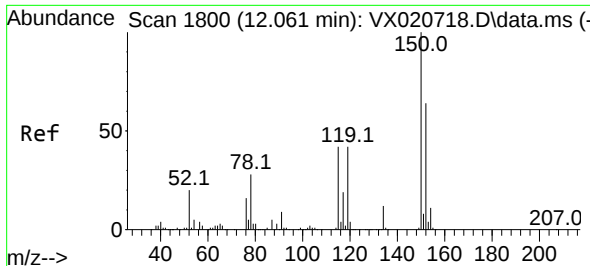
Tgt Ion: 95 Resp: 206515
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 117 Resp: 453870
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.7 26.6 39.8

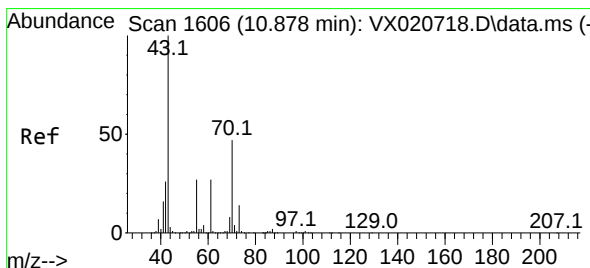
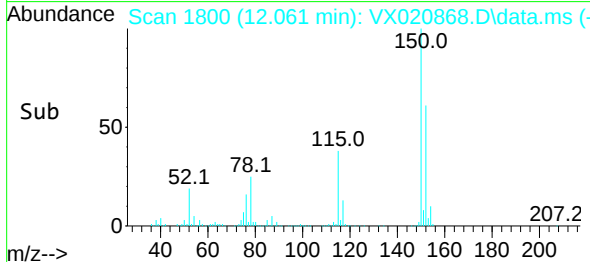
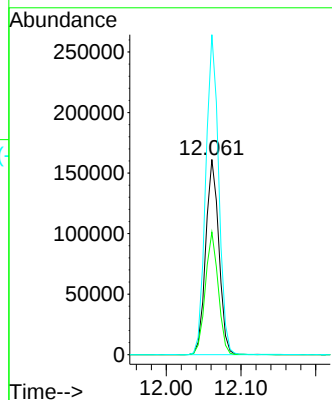
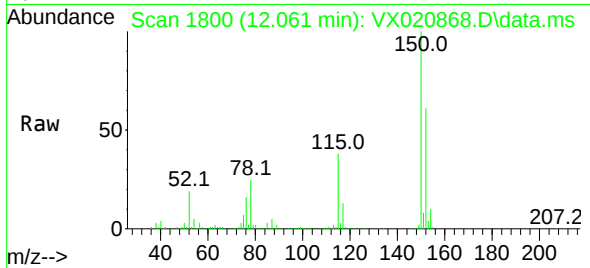




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

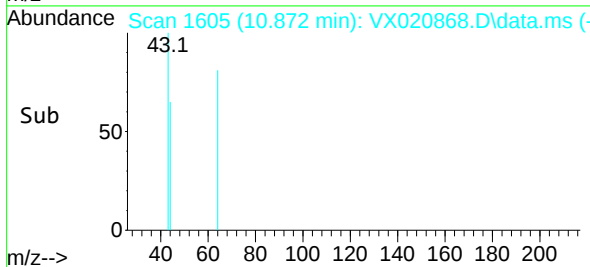
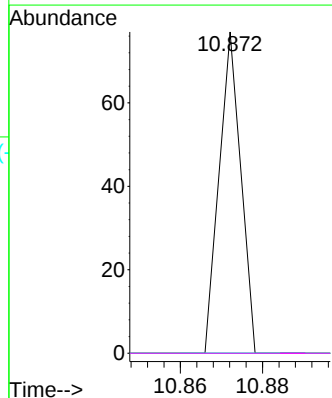
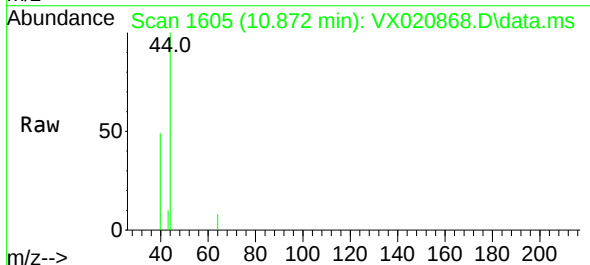
Instrument :
MSVOA_X
ClientSampled :

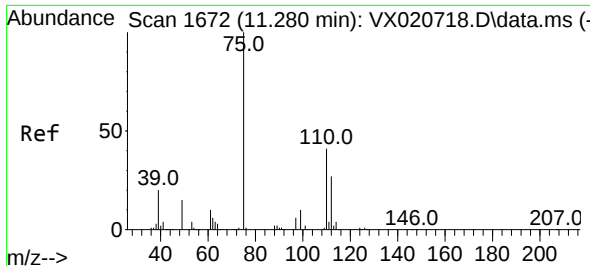
Tgt Ion:152 Resp: 197128
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 161.7 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 43 Resp: 28
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#

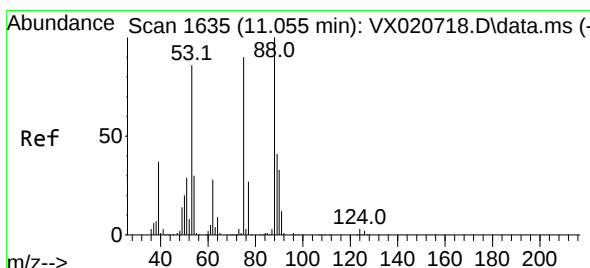
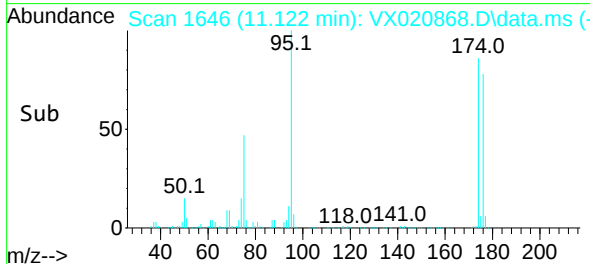
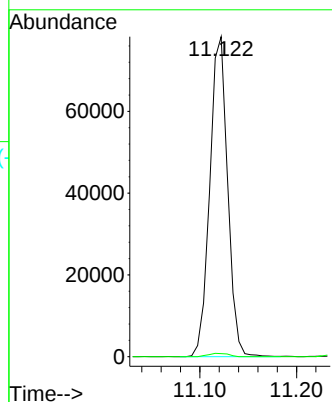
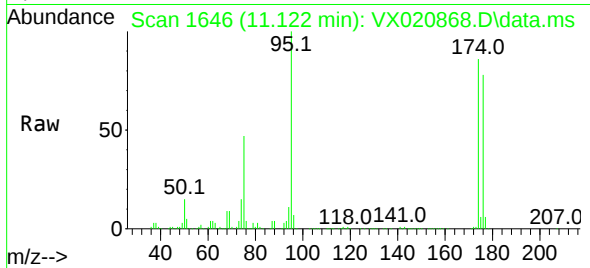




#76
1,2,3-Trichloropropane
Concen: 21.96 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

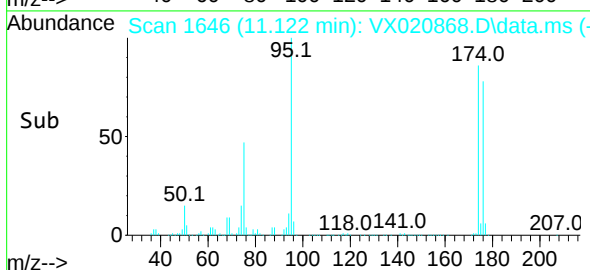
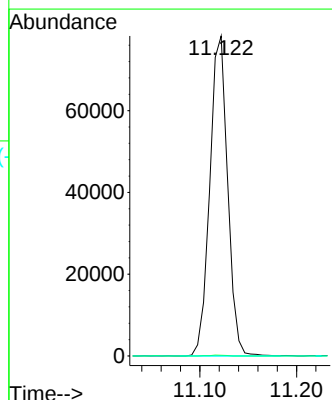
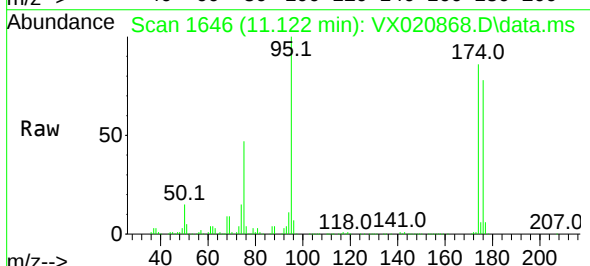
Instrument :
MSVOA_X
ClientSampled :

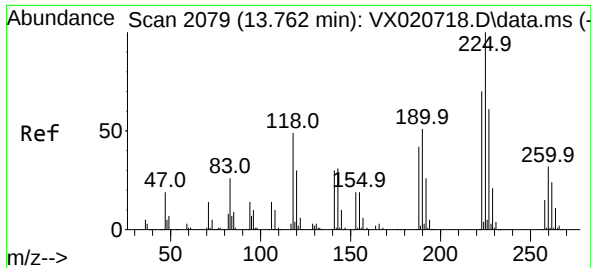
Tgt Ion: 75 Resp: 100404
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.54 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion: 75 Resp: 100404
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

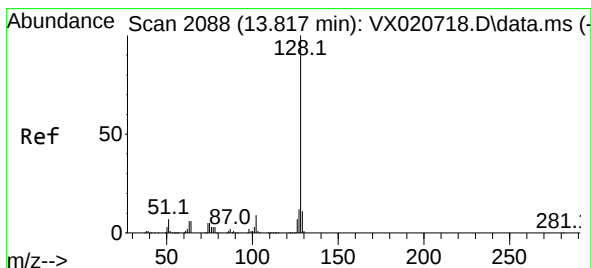
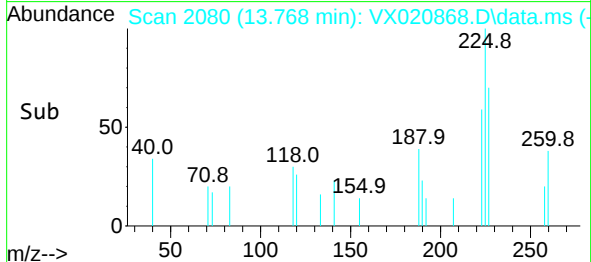
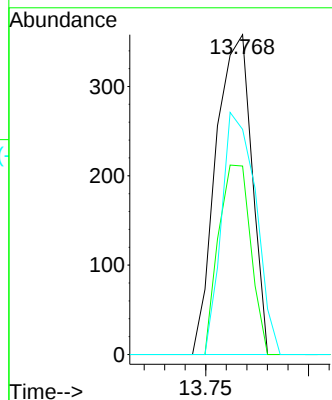
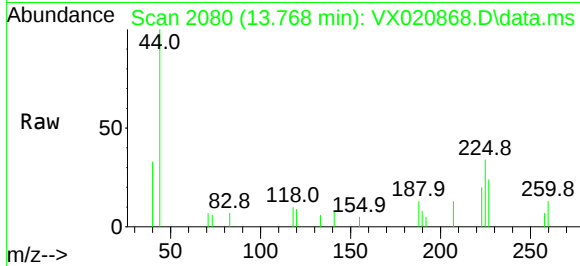




#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:225 Resp: 433
Ion Ratio Lower Upper
225 100
223 53.1 31.1 93.2
227 72.3 31.6 95.0



#95
Naphthalene
Concen: 2.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020868.D
Acq: 05 Feb 2021 13:36

Tgt Ion:128 Resp: 1635
Ion Ratio Lower Upper
128 100
127 8.7 10.3 15.5#
129 4.7 8.8 13.2#

