

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021012.D
 Acq On : 04 Mar 2021 14:26
 Operator : JC/MD
 Sample : M1553-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 01:21:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

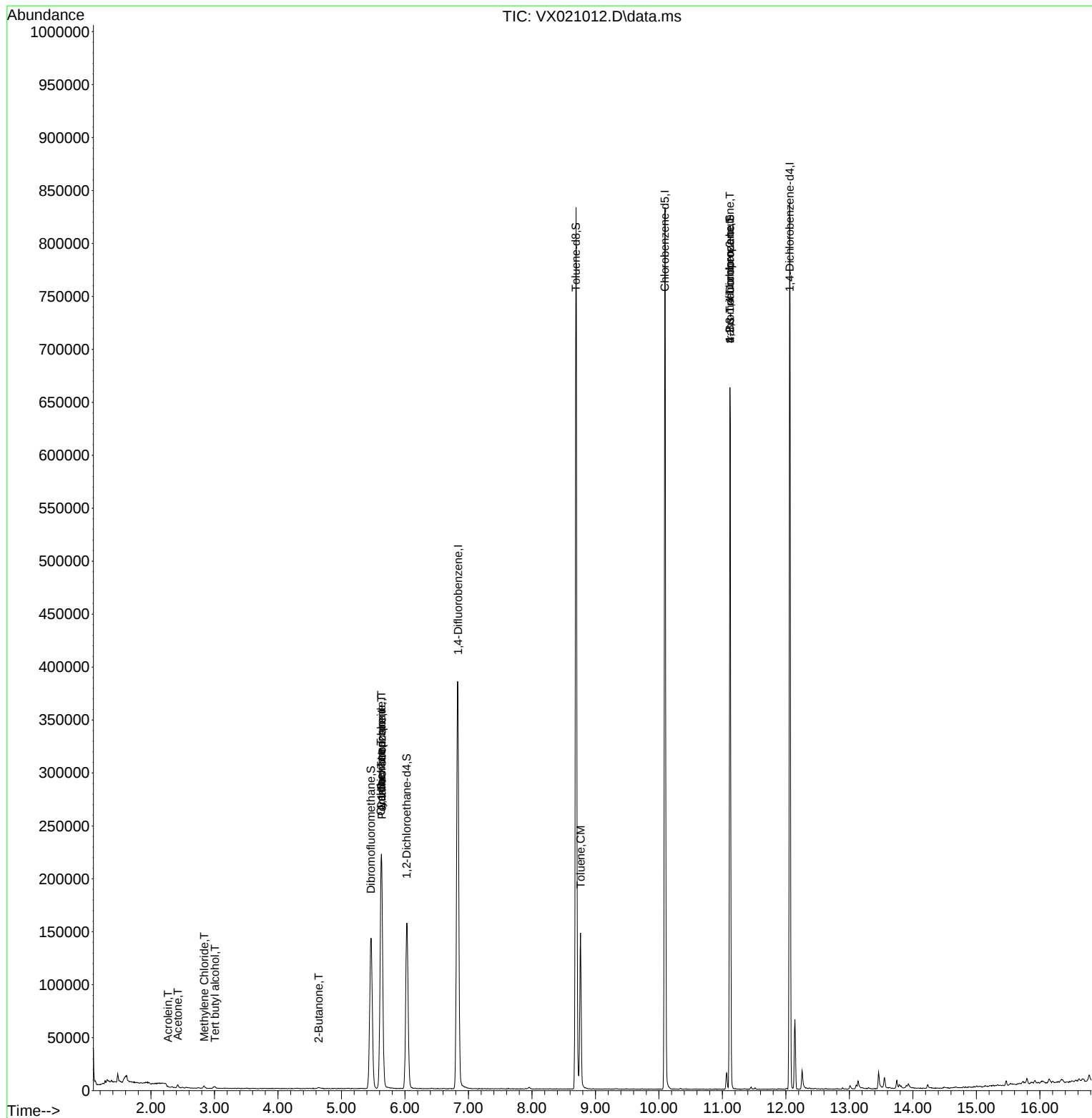
Internal Standards						
1) Pentafluorobenzene	5.635	168	214837	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	413274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	386069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	149824	51.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.26%			
35) Dibromofluoromethane	5.464	113	128343	51.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.22%			
50) Toluene-d8	8.694	98	501571	51.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.46%			
62) 4-Bromofluorobenzene	11.118	95	184669	51.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.02%			
Target Compounds						Qvalue
5) Bromomethane	1.640	94	568	Below Cal		89
11) Tert butyl alcohol	3.005	59	1486	2.30 ug/l #		77
13) Acrolein	2.270	56	156	0.39 ug/l #		14
16) Acetone	2.423	43	2660	2.22 ug/l		95
20) Methylene Chloride	2.840	84	975	0.34 ug/l		91
25) 2-Butanone	4.641	43	934	0.51 ug/l #		80
31) Cyclohexane	5.623	56	4300	1.02 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16874	4.30 ug/l #		48
38) Carbon Tetrachloride	5.629	117	20947	5.50 ug/l #		15
52) Toluene	8.765	92	55973	7.63 ug/l		97
76) 1,2,3-Trichloropropane	11.118	75	90384	23.98 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	90384	53.09 ug/l #		12

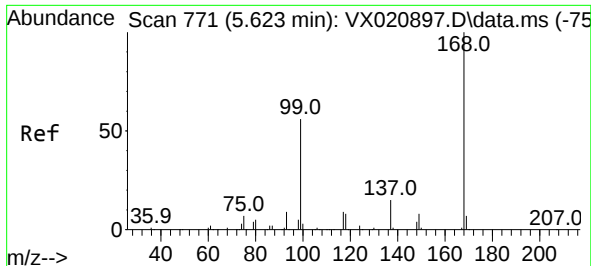
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
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Quant Time: Mar 05 01:21:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

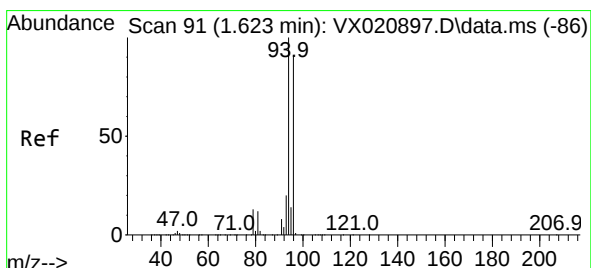
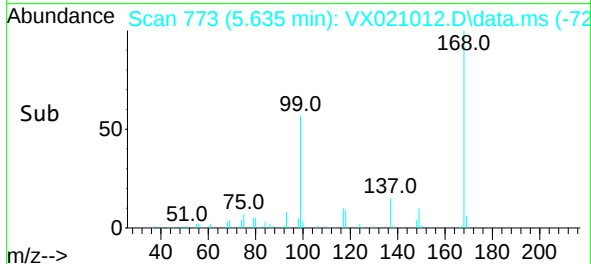
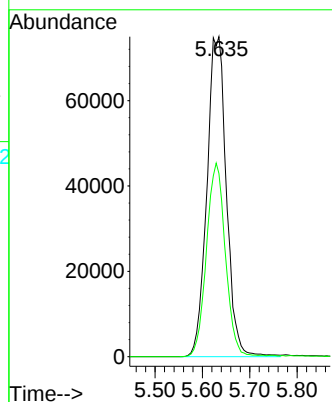
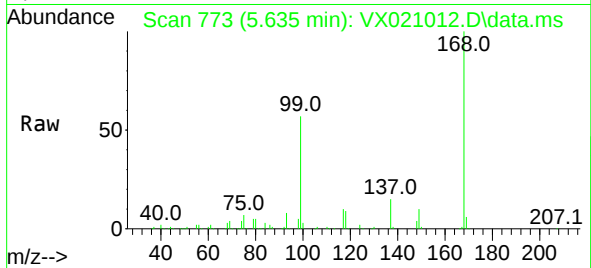




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

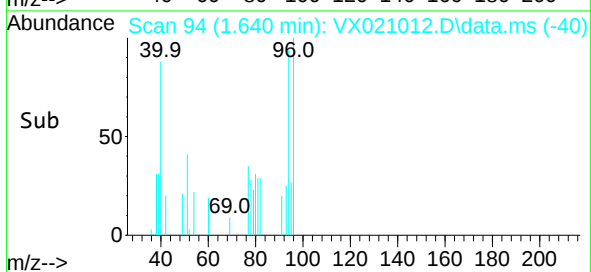
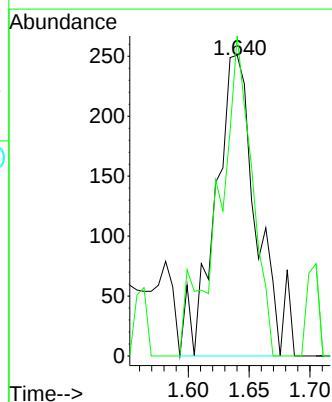
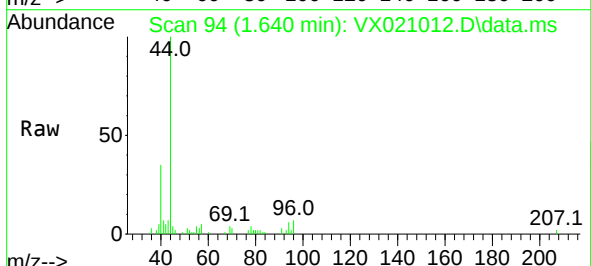
Instrument :
MSVOA_X
ClientSampleId :

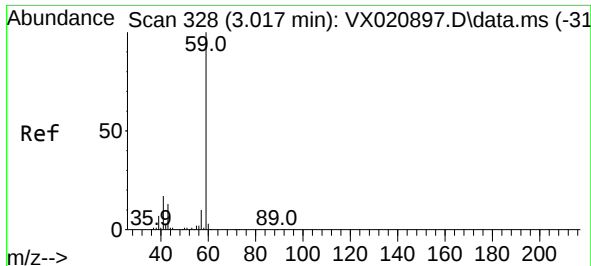
Tgt Ion:168 Resp: 214837
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 94 Resp: 568
Ion Ratio Lower Upper
94 100
96 106.4 76.4 114.6

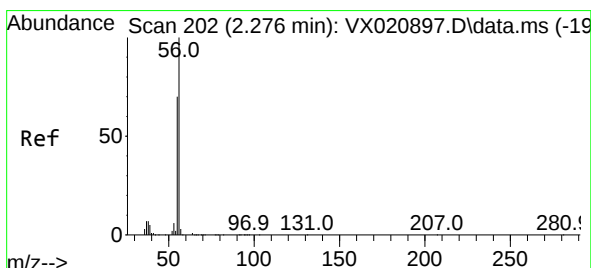
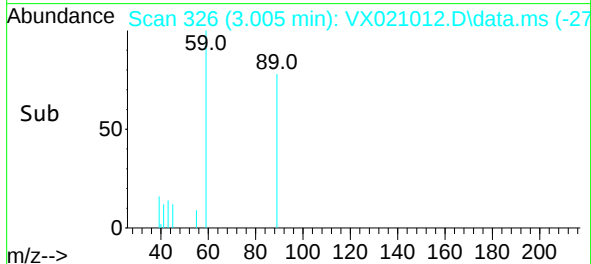
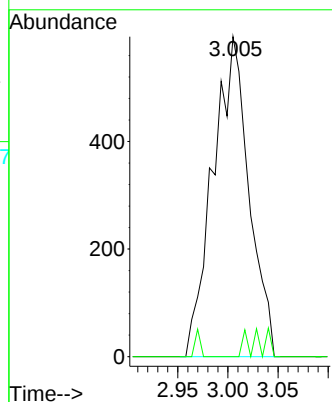
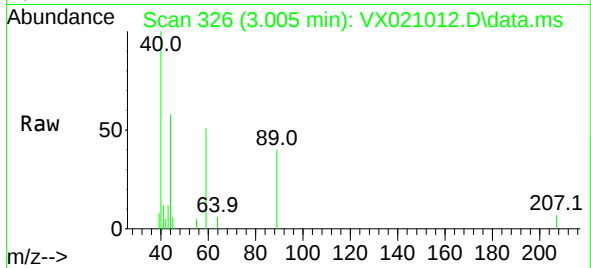




#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

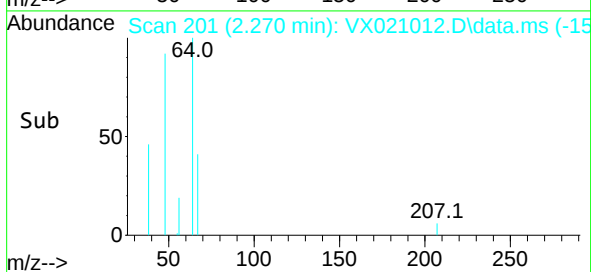
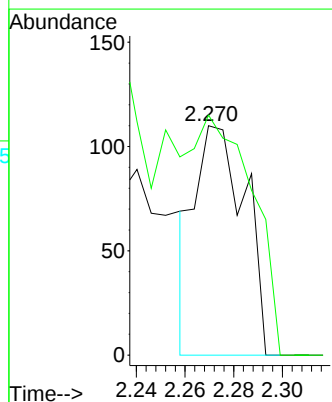
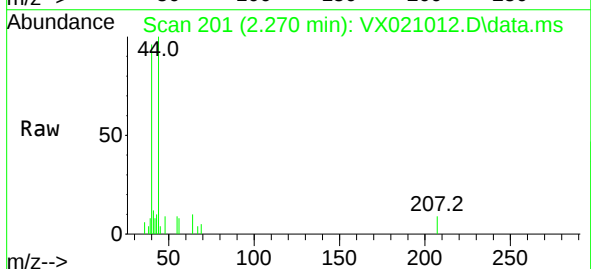
Instrument :
MSVOA_X
ClientSampled :

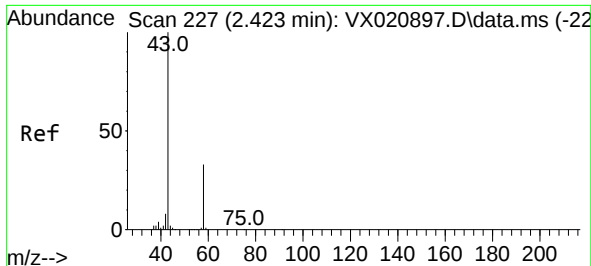
Tgt Ion: 59 Resp: 1486
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#



#13
Acrolein
Concen: 0.39 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

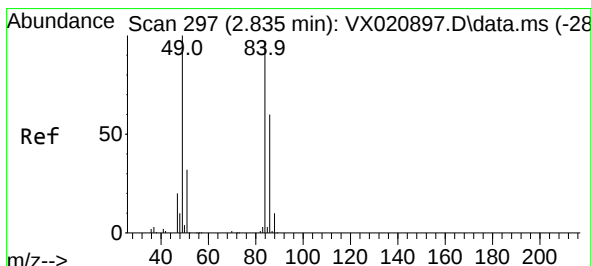
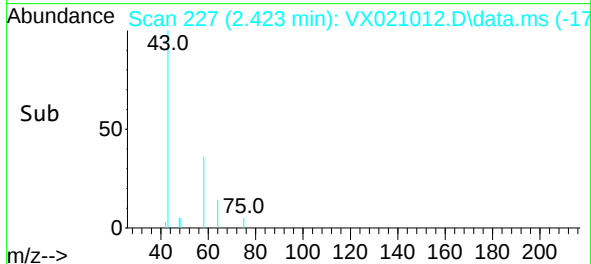
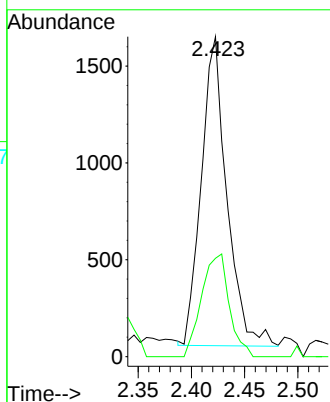
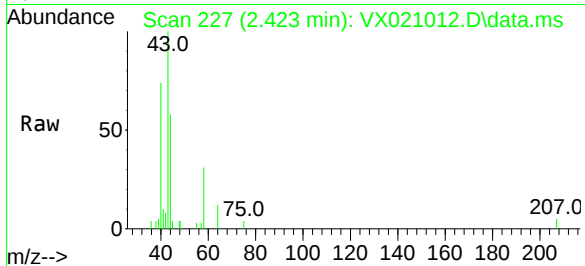




#16
Acetone
Concen: 2.22 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

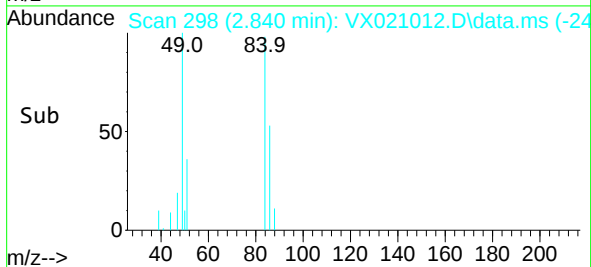
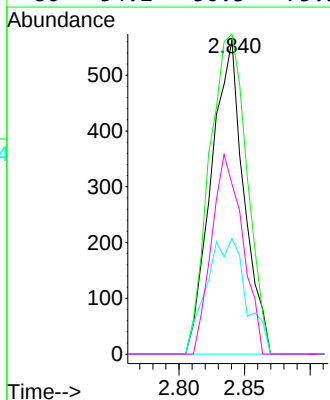
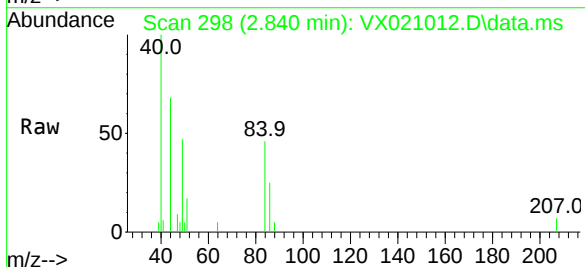
Instrument :
MSVOA_X
ClientSampled :

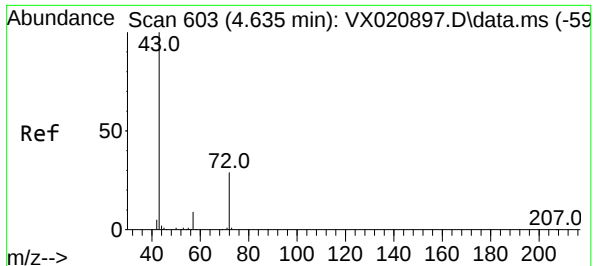
Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 84 Resp: 975
Ion Ratio Lower Upper
84 100
49 102.0 88.6 132.8
51 36.8 27.0 40.6
86 54.2 50.3 75.5

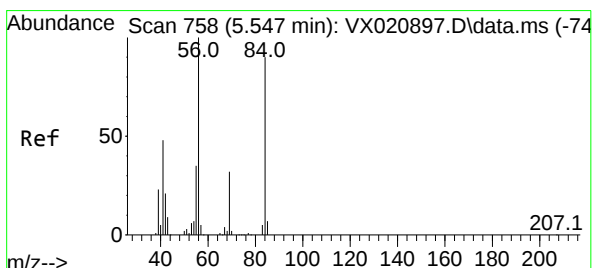
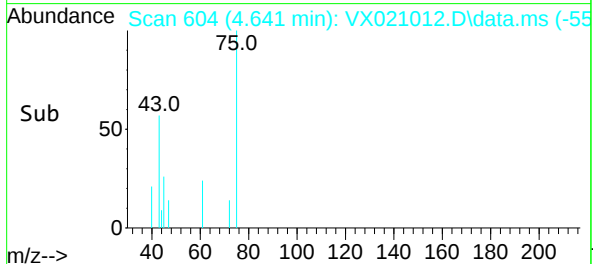
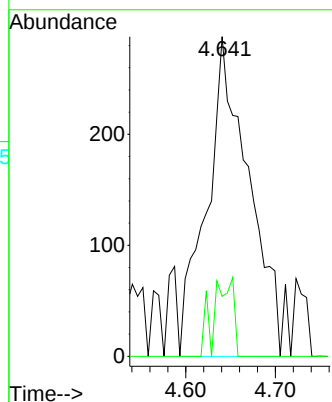
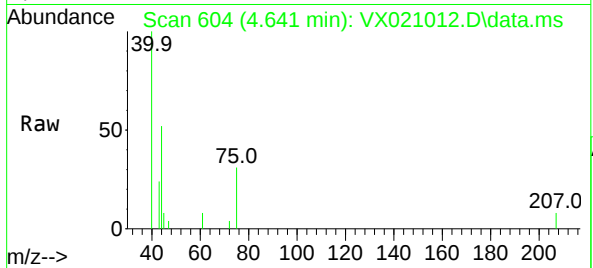




#25
2-Butanone
Concen: 0.51 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

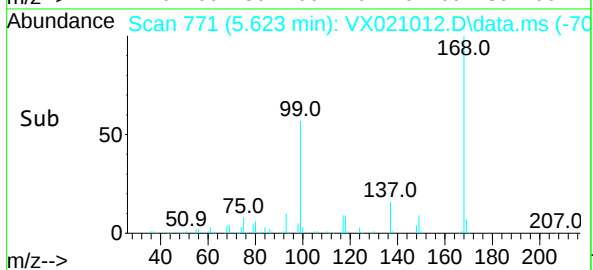
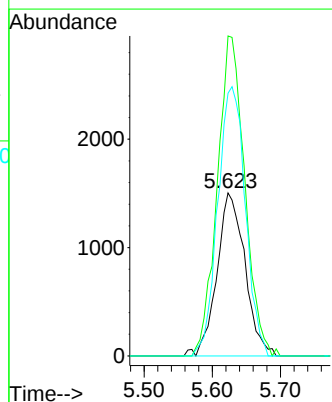
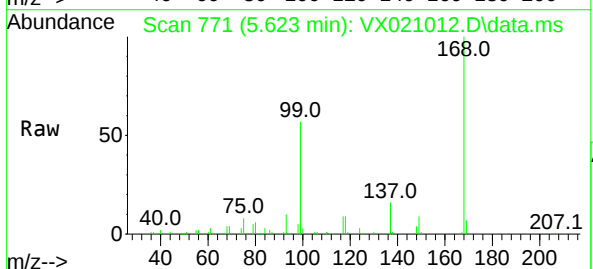
Instrument :
MSVOA_X
ClientSampleId :

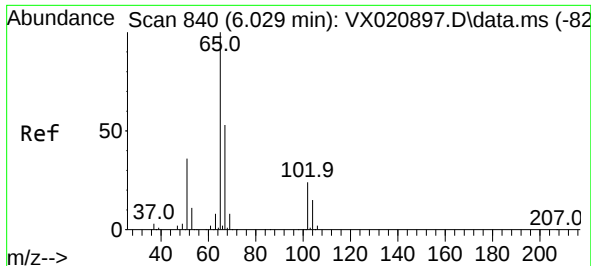
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
72 18.8 23.7 35.5#



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 56 Resp: 4300
Ion Ratio Lower Upper
56 100
69 196.3 25.3 37.9#
84 161.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.63 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021012.D

Acq: 04 Mar 2021 14:26

Tgt Ion: 65 Resp: 149824

Ion Ratio Lower Upper

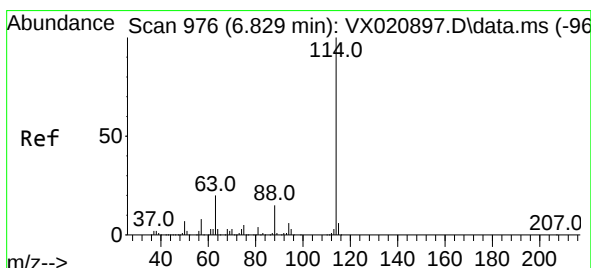
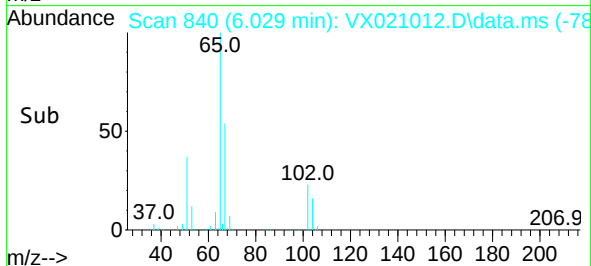
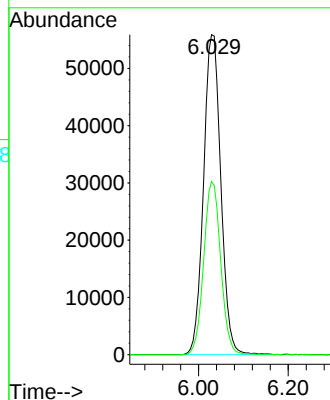
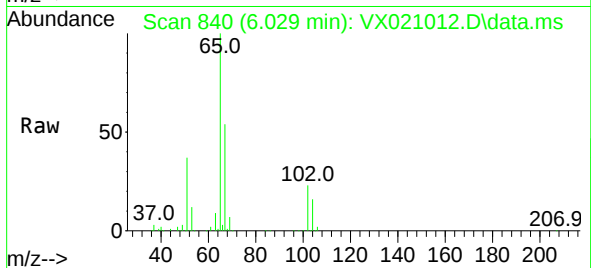
65 100

67 53.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021012.D

Acq: 04 Mar 2021 14:26

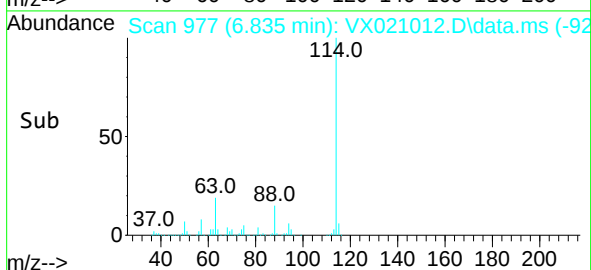
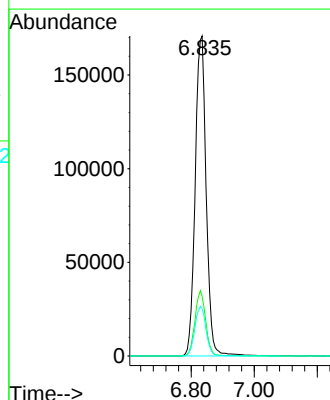
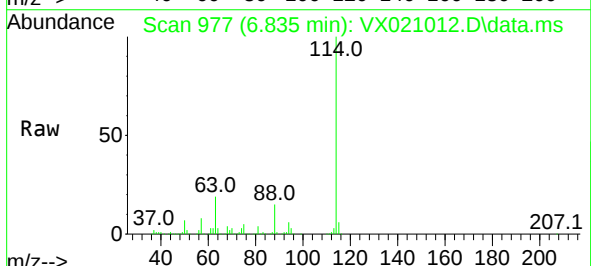
Tgt Ion: 114 Resp: 413274

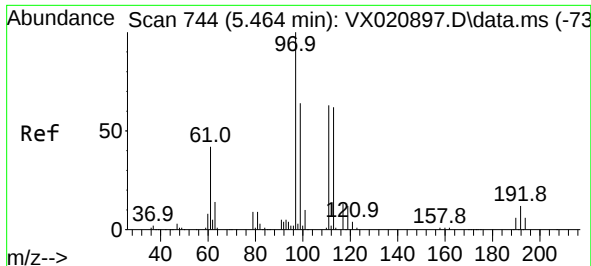
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.8

88 14.8 0.0 32.8

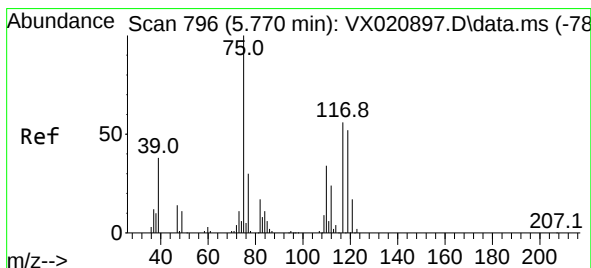
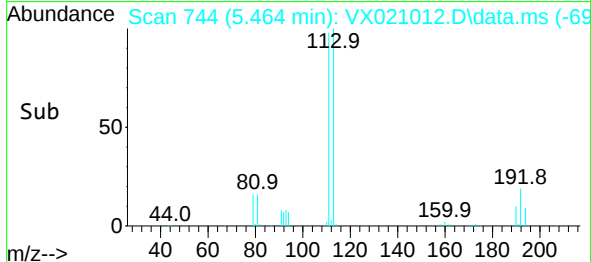
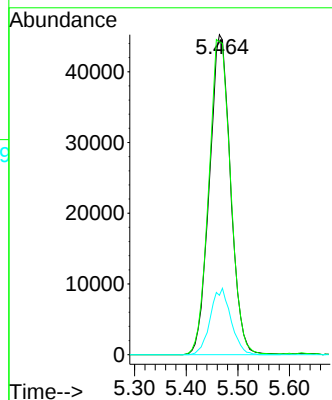
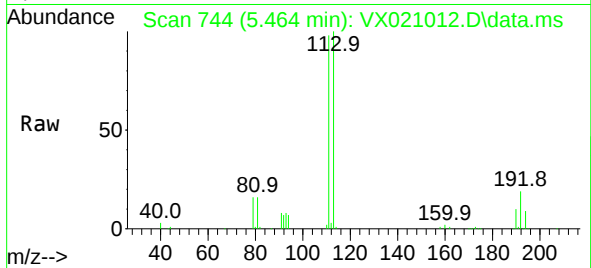




#35
Dibromofluoromethane
Concen: 51.11 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

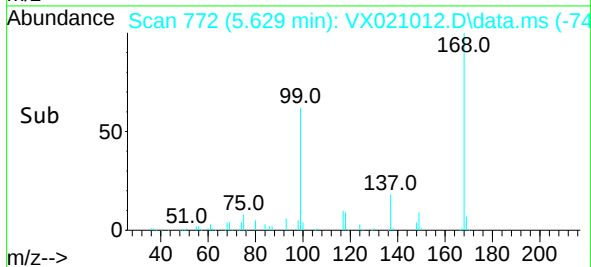
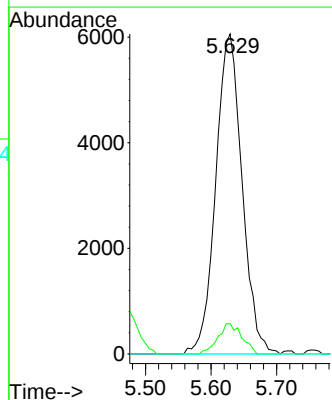
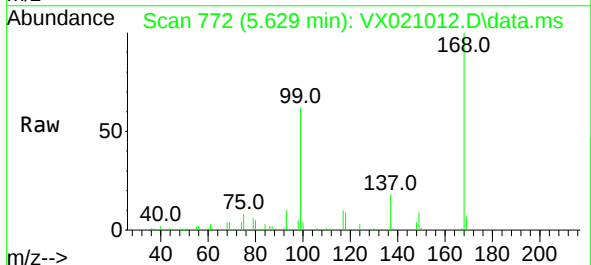
Instrument :
MSVOA_X
ClientSampleId :

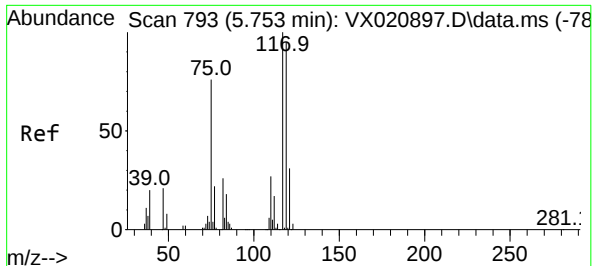
Tgt Ion:113 Resp: 128343
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

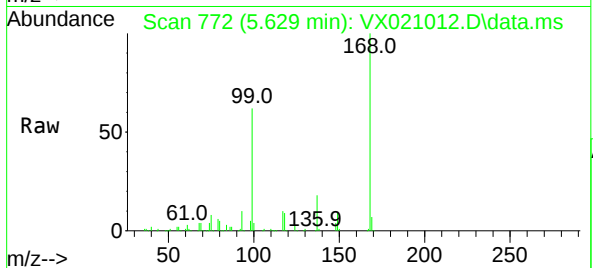
Tgt Ion: 75 Resp: 16874
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



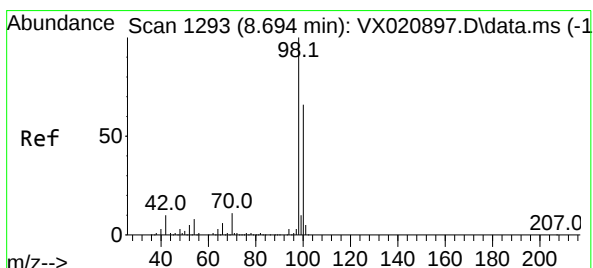
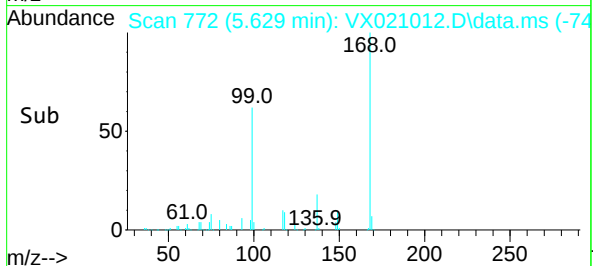
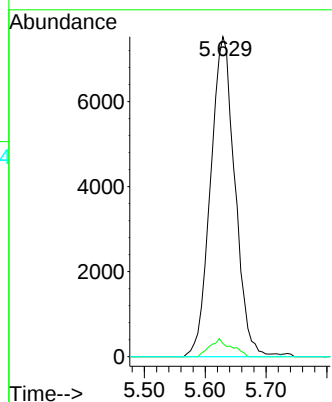


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Instrument :
MSVOA_X
ClientSampled :

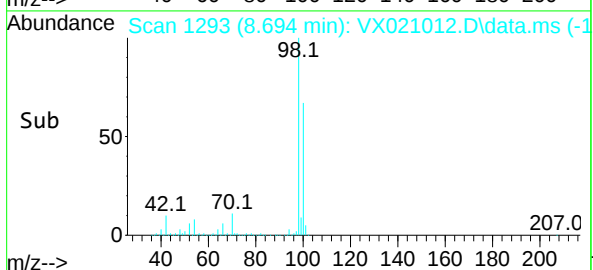
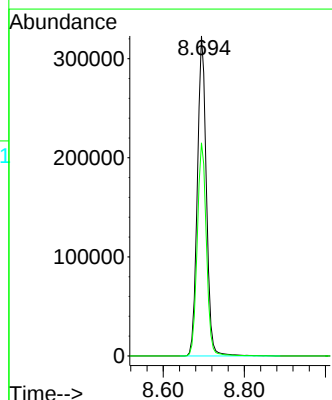
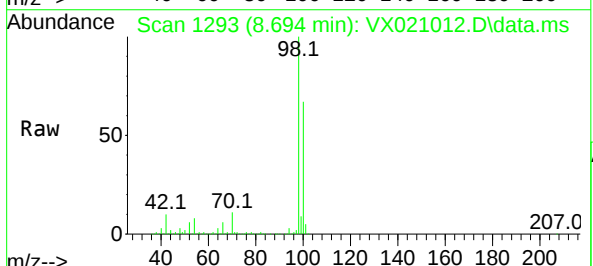


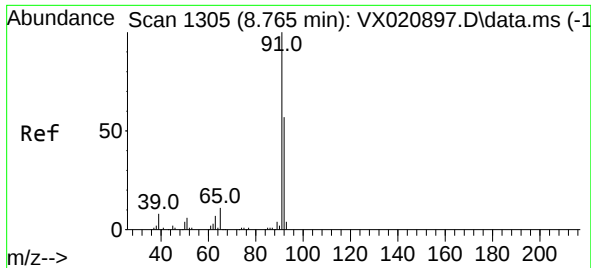
Tgt Ion: 117 Resp: 20947
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 98 Resp: 501571
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9

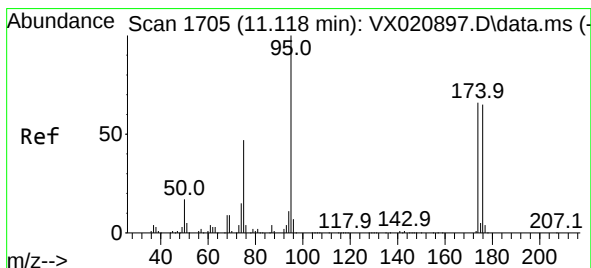
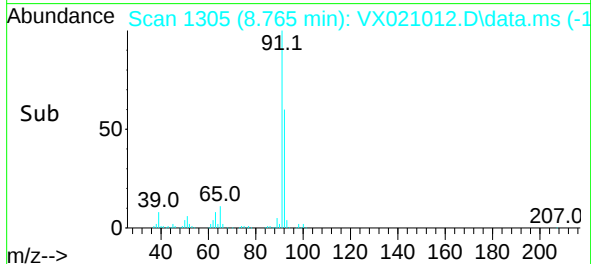
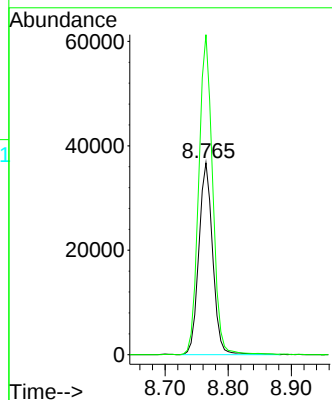
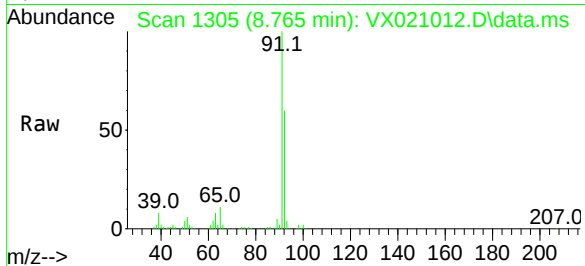




#52
Toluene
Concen: 7.63 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

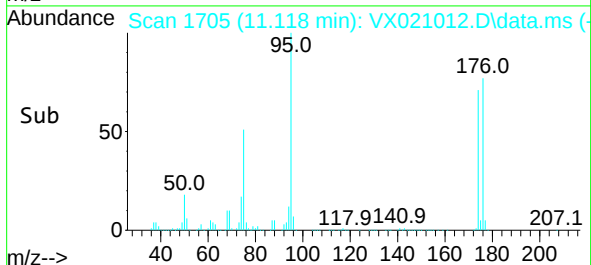
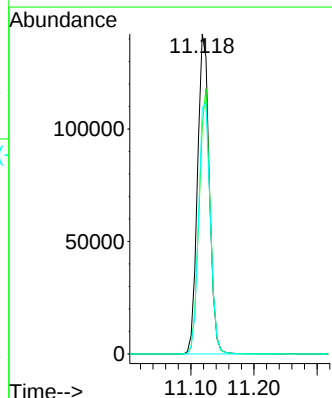
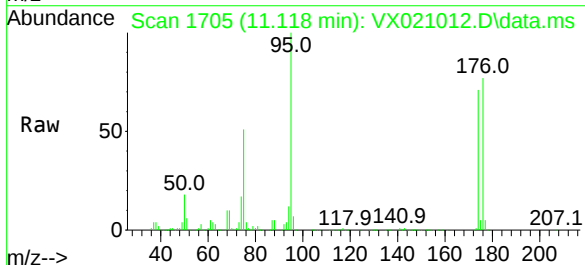
Instrument :
MSVOA_X
ClientSampled :

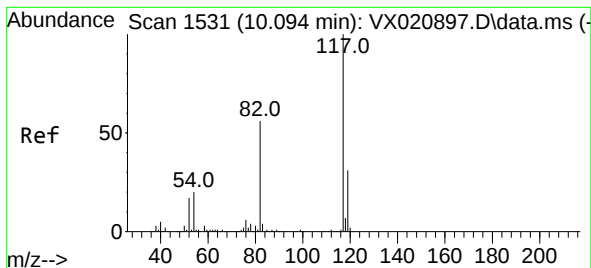
Tgt Ion: 92 Resp: 55973
Ion Ratio Lower Upper
92 100
91 167.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 51.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 95 Resp: 184669
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 78.2 0.0 155.8

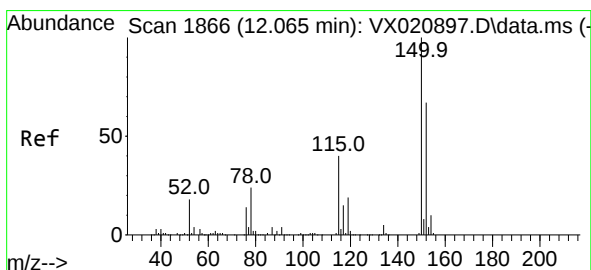
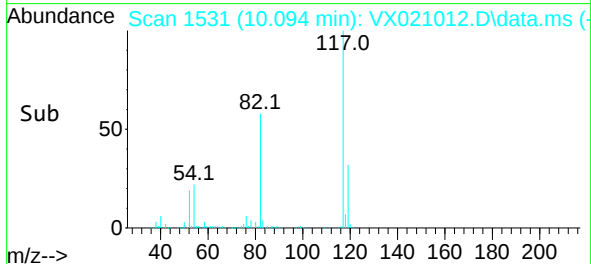
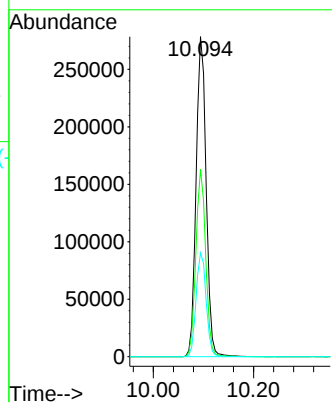
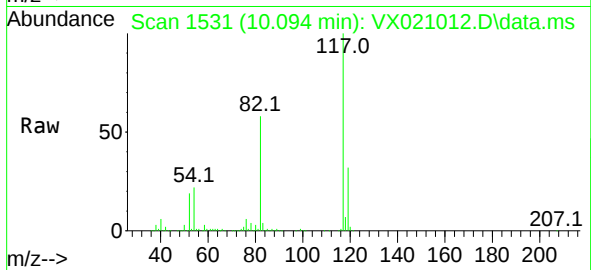




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

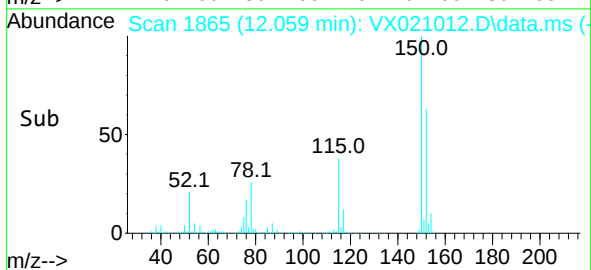
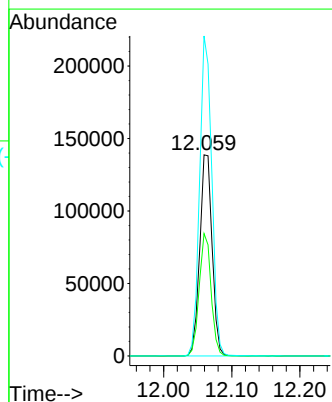
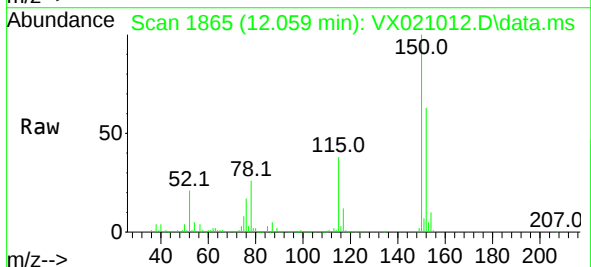
Instrument :
MSVOA_X
ClientSampled :

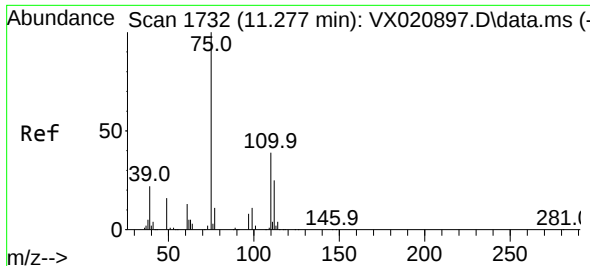
Tgt Ion:117 Resp: 386069
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion:152 Resp: 175215
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 156.2 0.0 349.0

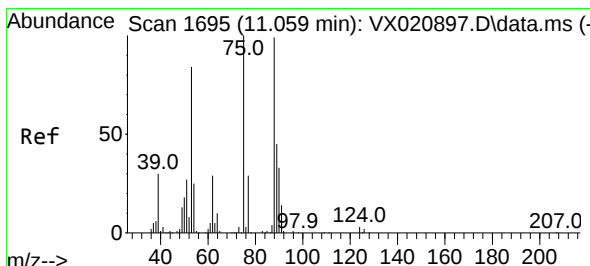
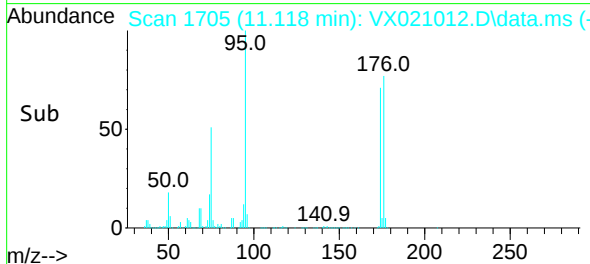
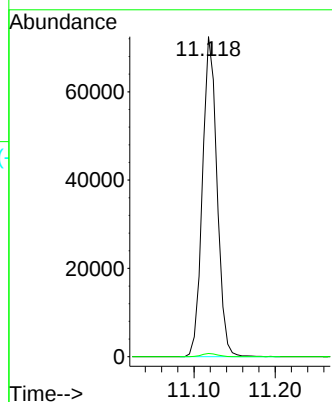
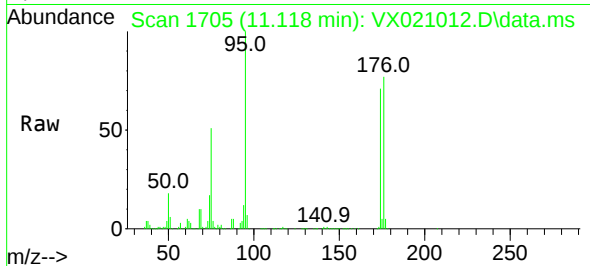




#76
1,2,3-Trichloropropane
Concen: 23.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 90384
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021012.D
Acq: 04 Mar 2021 14:26

Tgt Ion: 75 Resp: 90384
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

