

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021038.D
 Acq On : 05 Mar 2021 16:28
 Operator : JC/MD
 Sample : M1584-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-838-840

Quant Time: Mar 05 23:59:56 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	216048	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	408370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	387608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	163458	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	146226	50.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.22%
35) Dibromofluoromethane	5.470	113	129645	52.25	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.50%
50) Toluene-d8	8.694	98	516265	53.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.72%
62) 4-Bromofluorobenzene	11.118	95	183995	51.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.88%

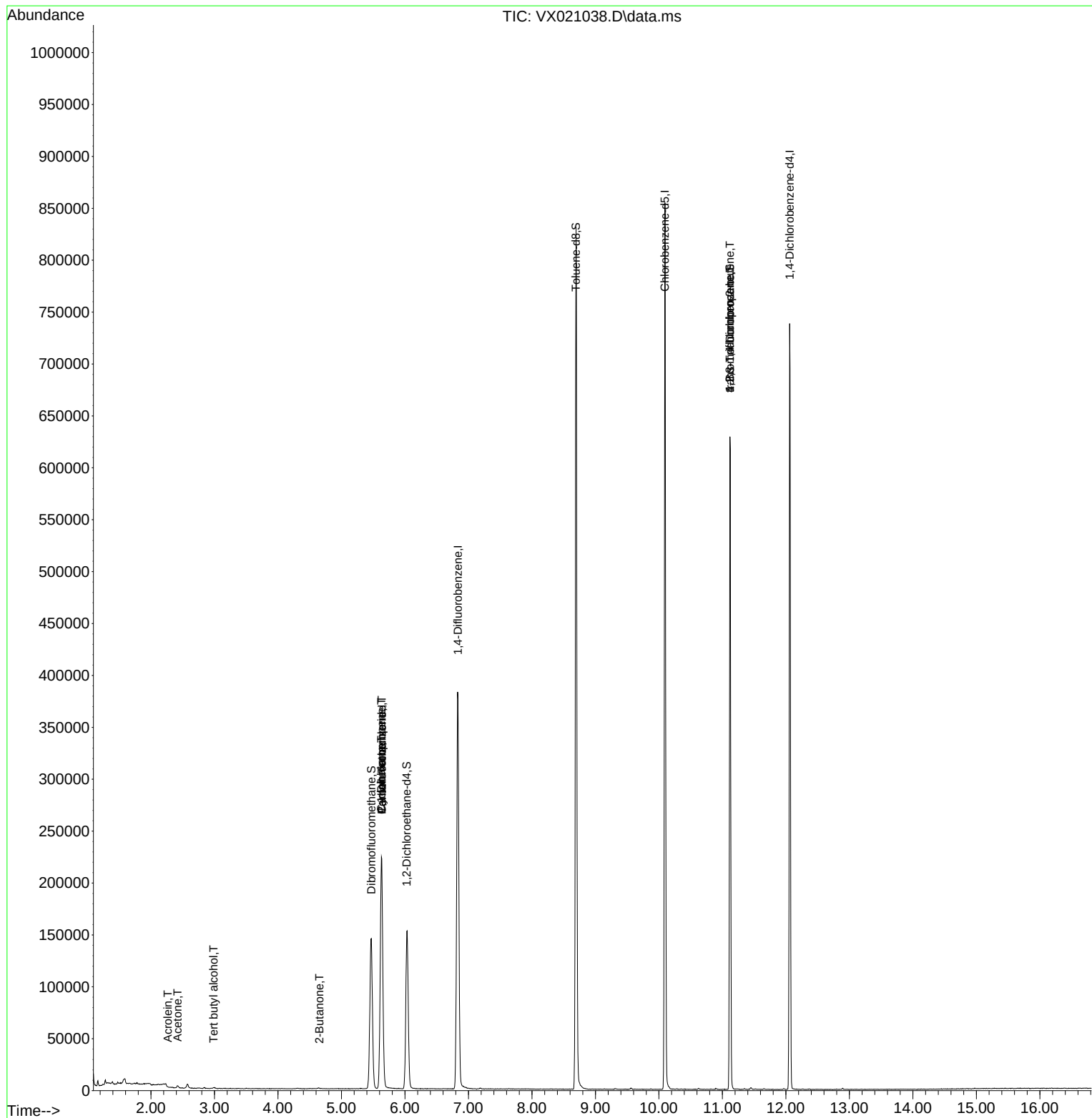
Target Compounds					Qvalue
5) Bromomethane	1.646	94	387	Below Cal	89
11) Tert butyl alcohol	2.987	59	624	0.96 ug/l #	73
13) Acrolein	2.264	56	86	0.21 ug/l #	71
16) Acetone	2.417	43	2146	1.78 ug/l	98
25) 2-Butanone	4.652	43	460	0.25 ug/l #	45
31) Cyclohexane	5.629	56	4380	1.04 ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16920	4.36 ug/l #	48
38) Carbon Tetrachloride	5.635	117	21186	5.63 ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	87706	24.94 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87706	55.22 ug/l #	12

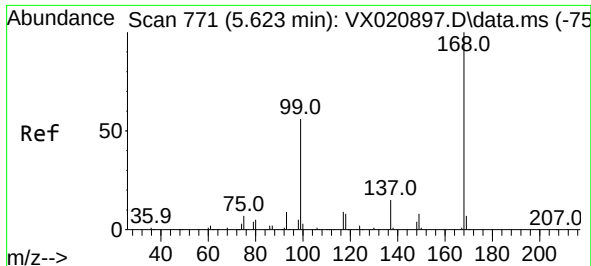
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

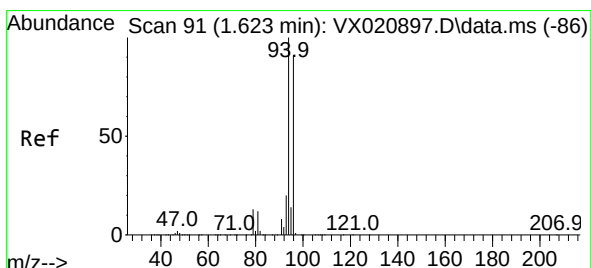
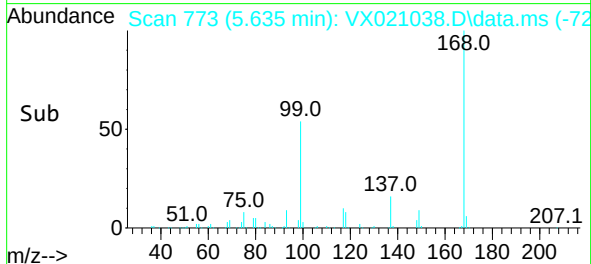
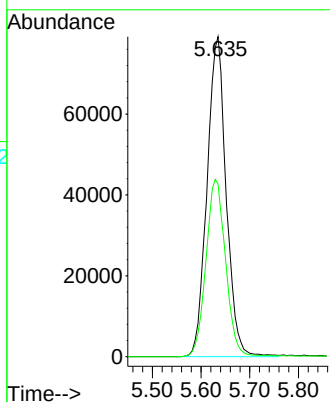
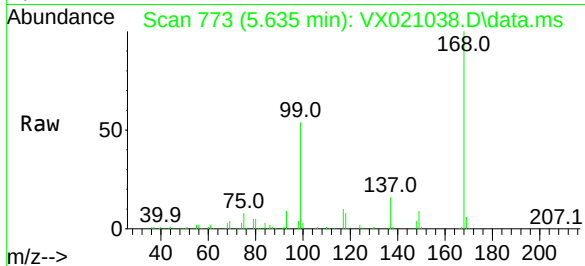




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

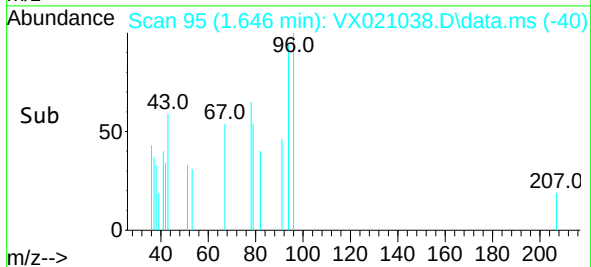
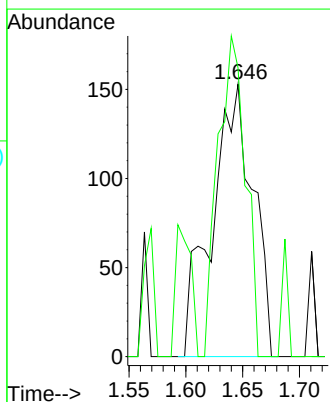
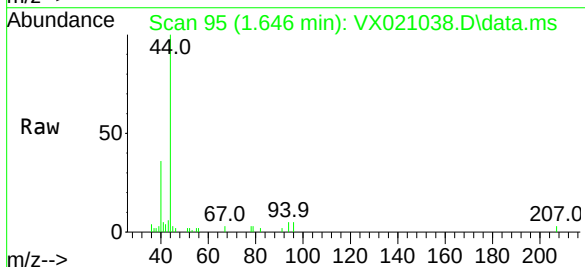
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

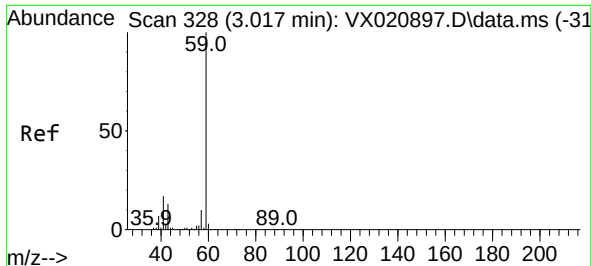
Tgt Ion:168 Resp: 216048
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 105.9 76.4 114.6



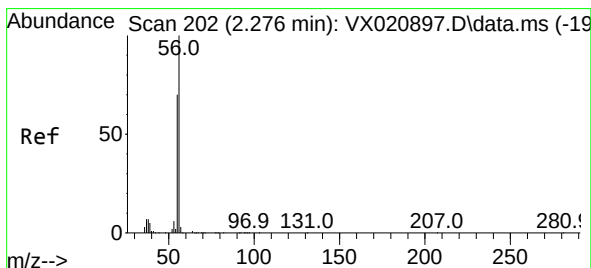
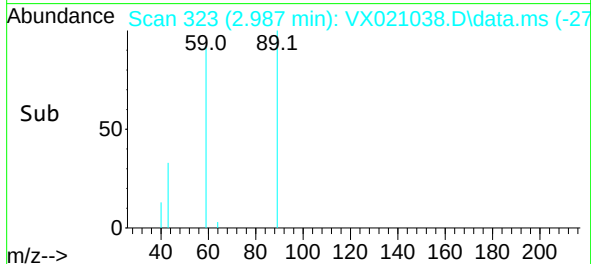
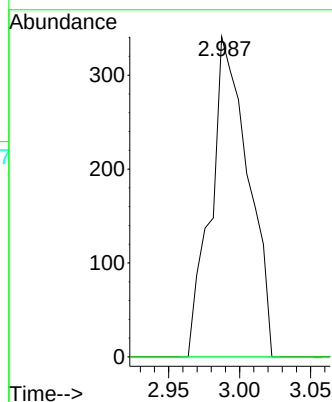
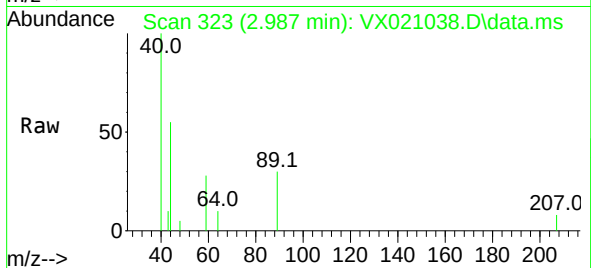


#11

Tert butyl alcohol
Concen: 0.96 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

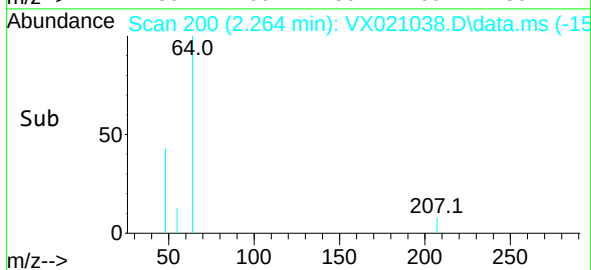
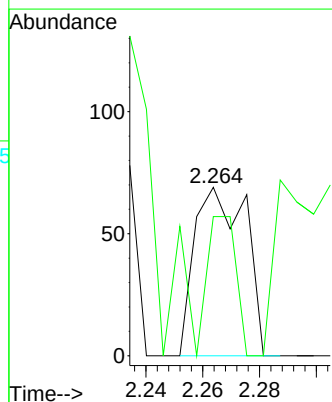
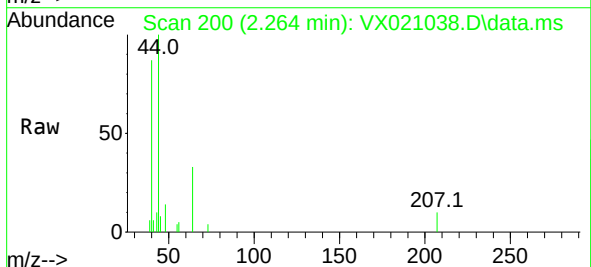
Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

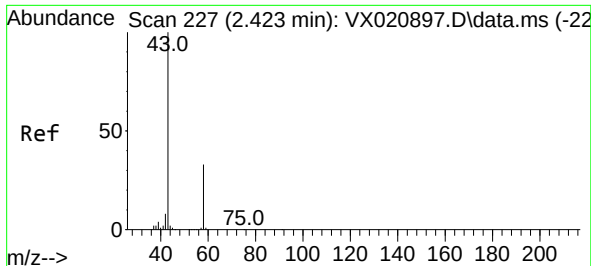


#13

Acrolein
Concen: 0.21 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 46.5 56.4 84.6#

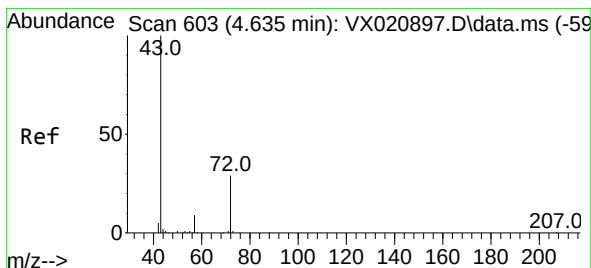
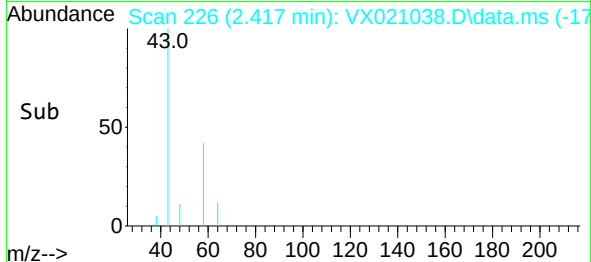
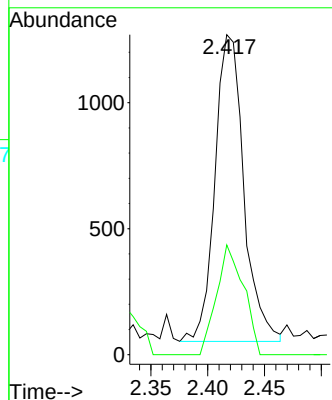
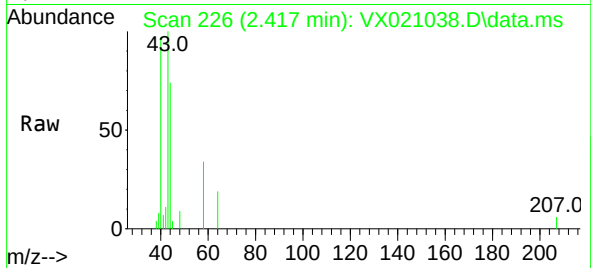




#16
Acetone
Concen: 1.78 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

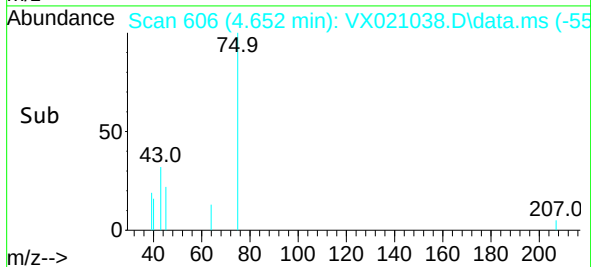
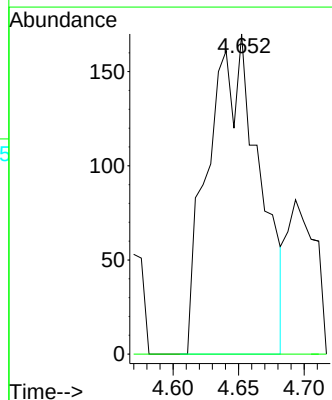
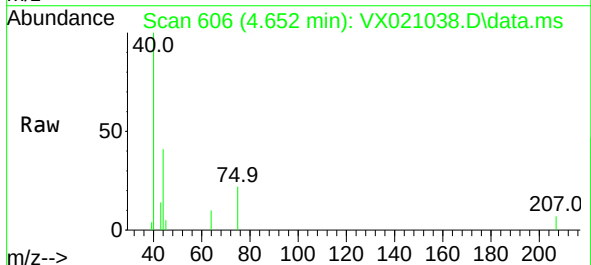
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

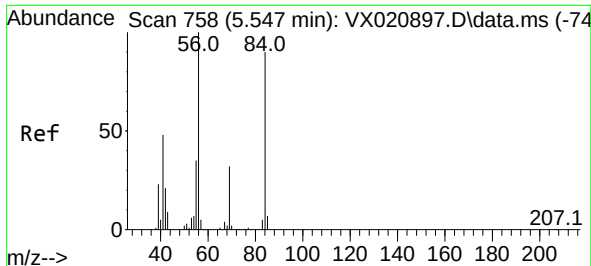
Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8



#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.018 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

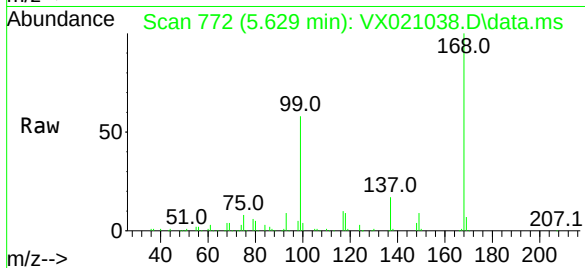
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



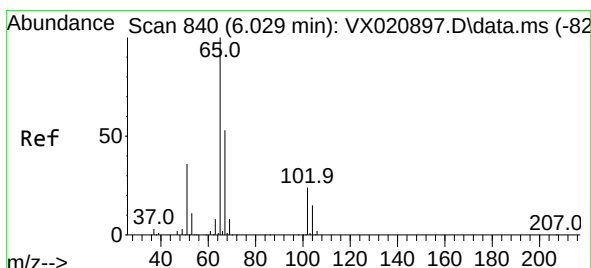
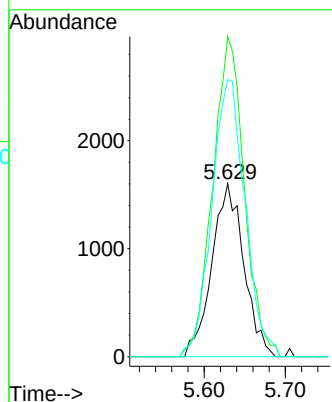
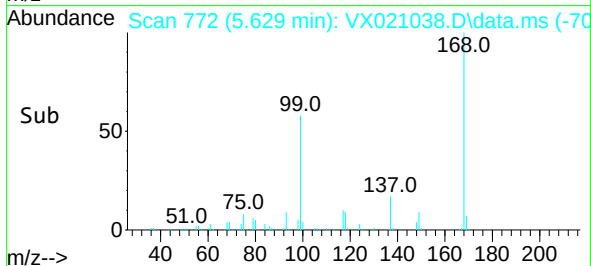


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

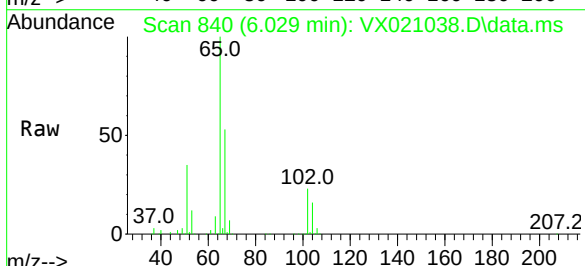
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840



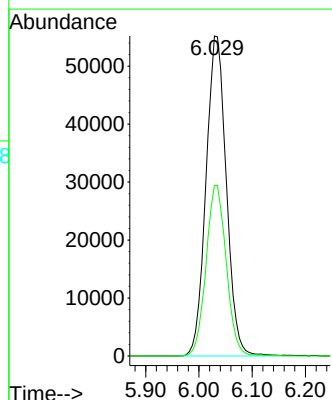
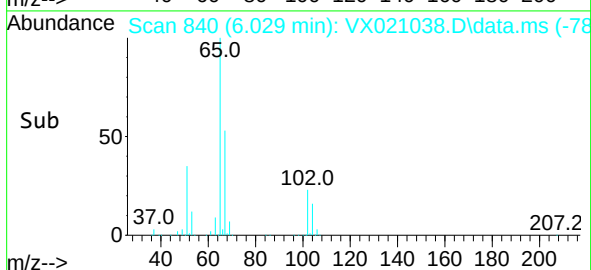
Tgt Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 185.0 25.3 37.9#
84 160.2 71.4 107.0#

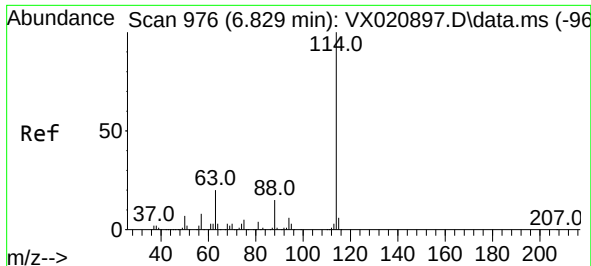


#33
1,2-Dichloroethane-d4
Concen: 50.11 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28



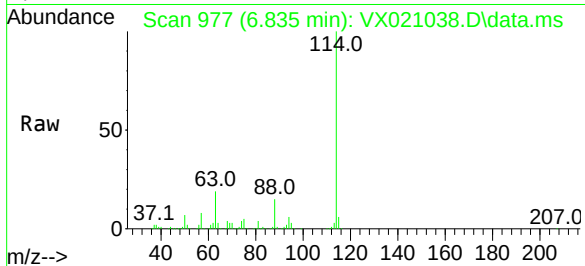
Tgt Ion: 65 Resp: 146226
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



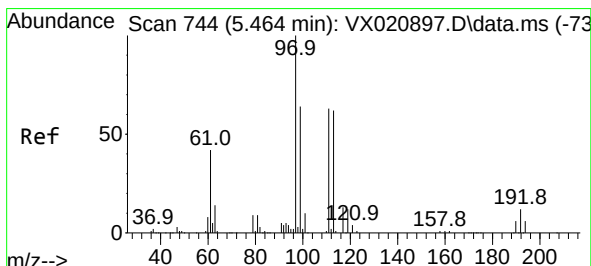
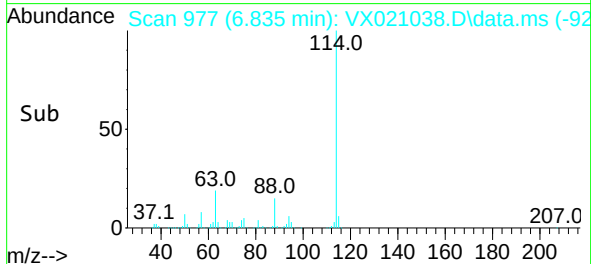
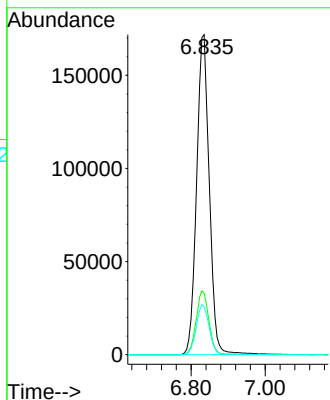


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

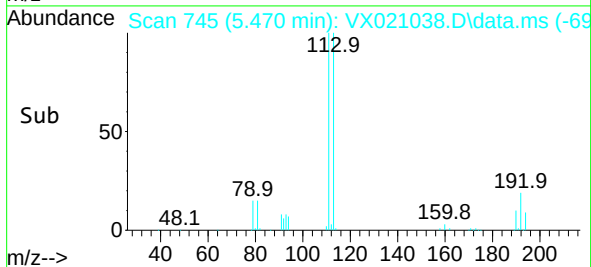
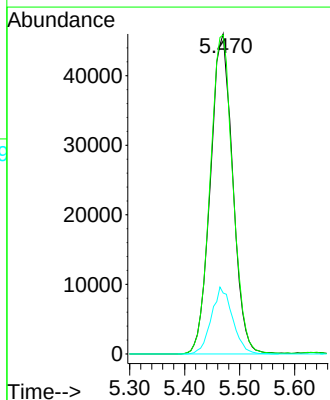
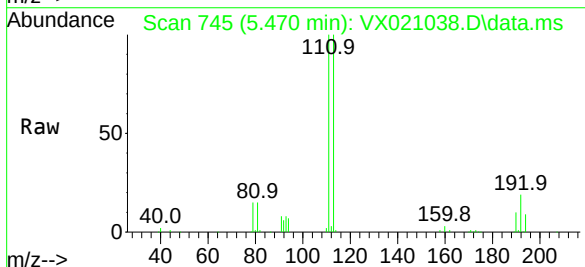


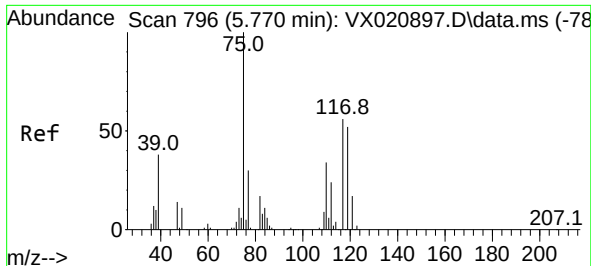
Tgt Ion:114 Resp: 408370
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 14.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.25 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

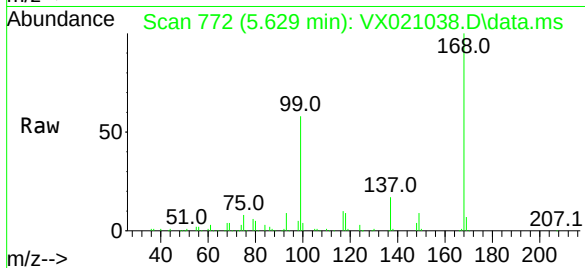
Tgt Ion:113 Resp: 129645
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.9 16.7 25.1



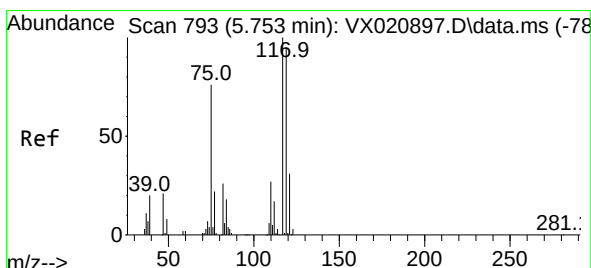
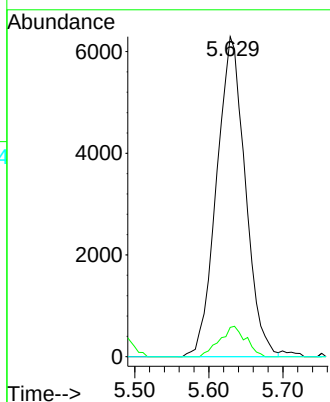
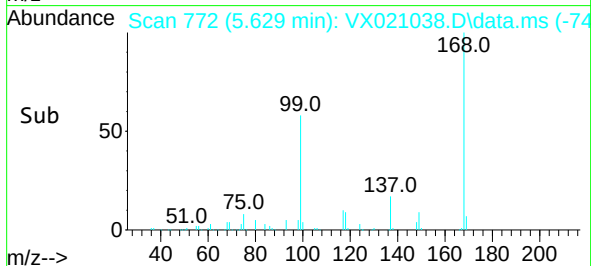


#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

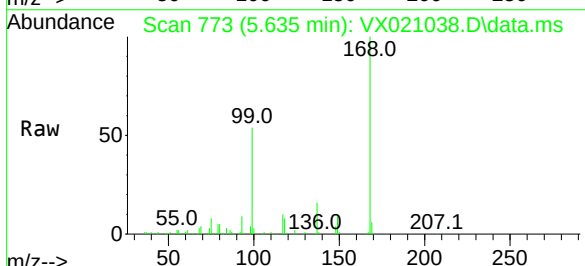
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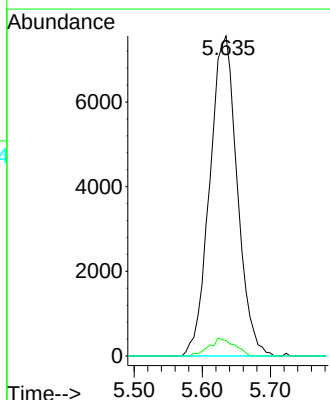
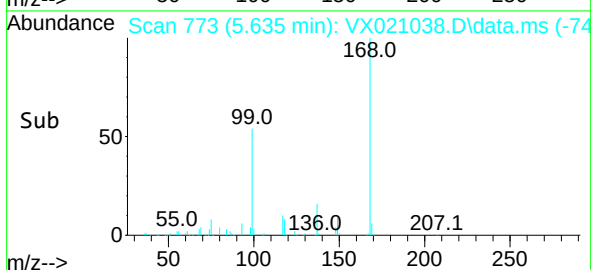
Tgt Ion: 75 Resp: 16920
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

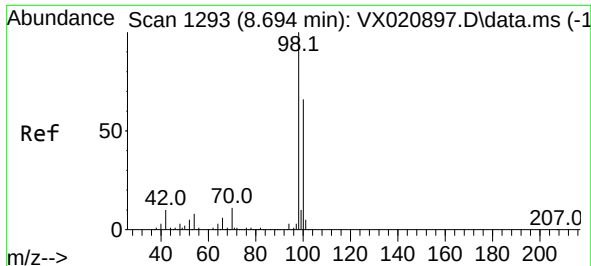


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28



Tgt Ion: 117 Resp: 21186
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

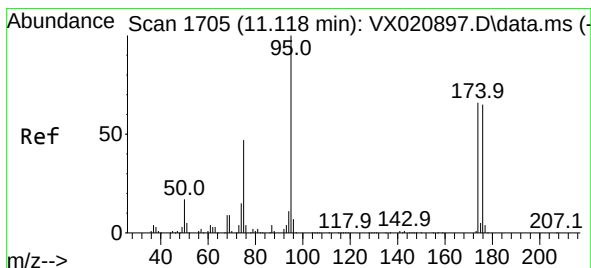
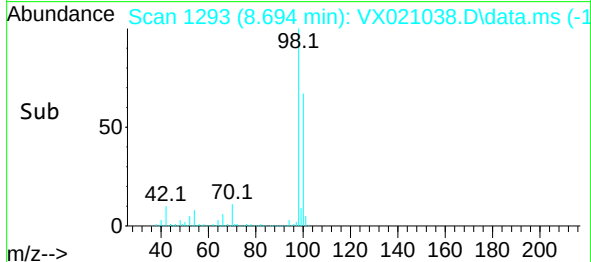
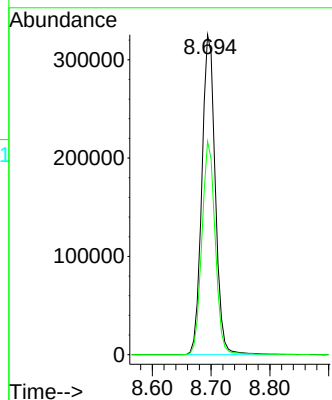
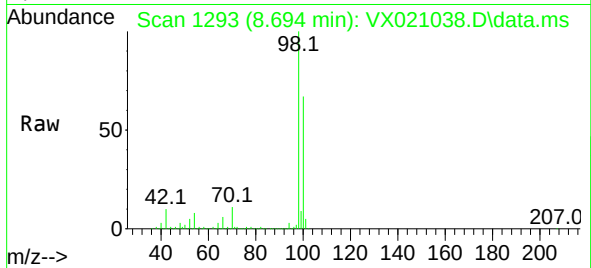




#50
Toluene-d8
Concen: 53.36 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

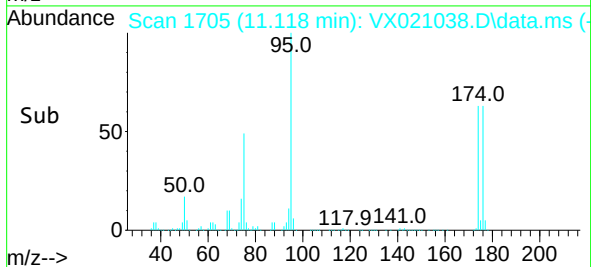
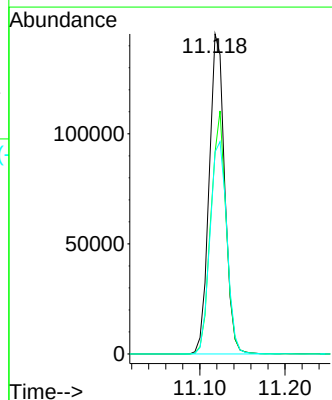
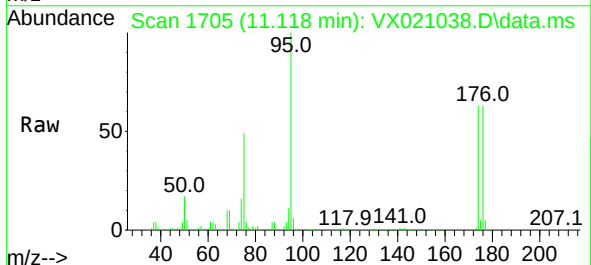
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

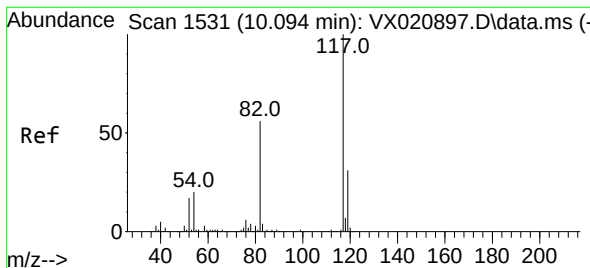
Tgt Ion: 98 Resp: 516265
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.44 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Tgt Ion: 95 Resp: 183995
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.6
176 72.2 0.0 155.8

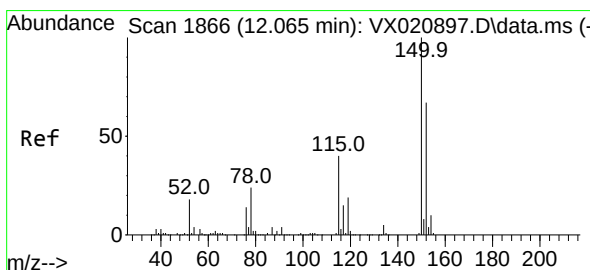
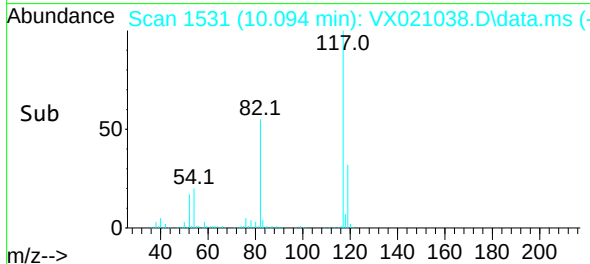
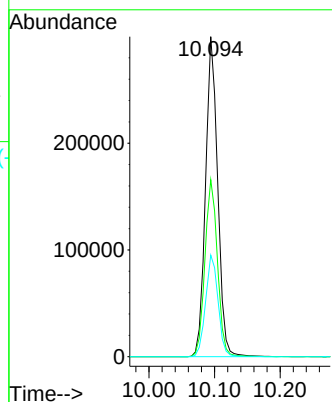
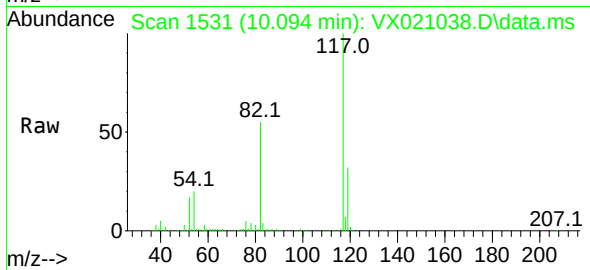




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

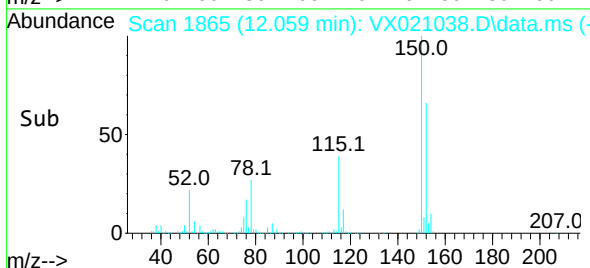
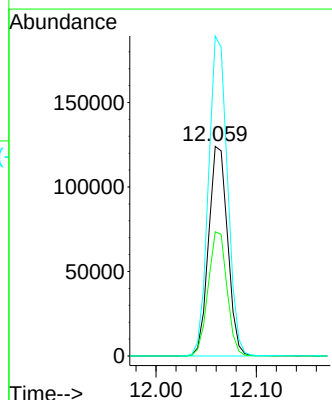
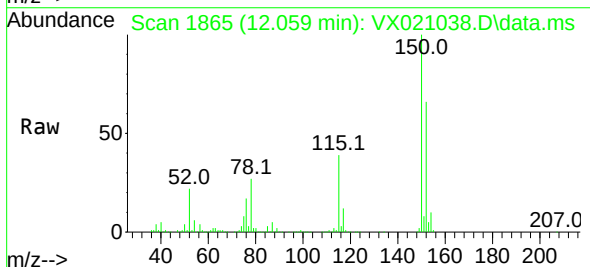
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

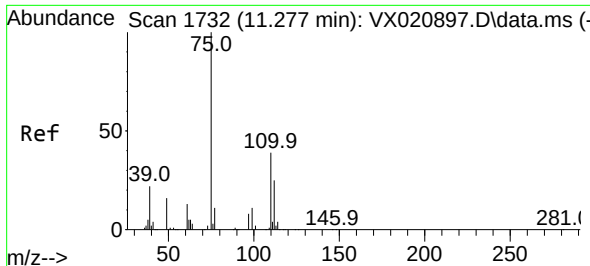
Tgt Ion:117 Resp: 387608
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Tgt Ion:152 Resp: 163458
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 152.2 0.0 349.0

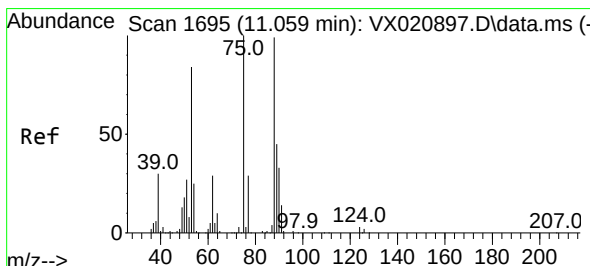
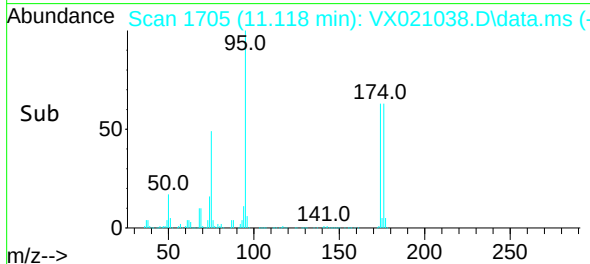
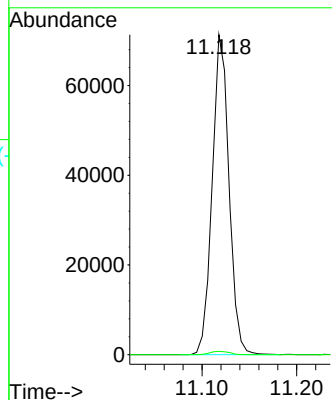
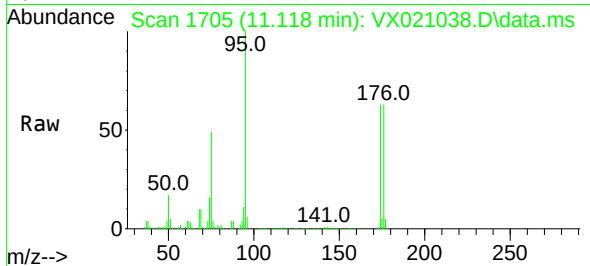




#76
1,2,3-Trichloropropane
Concen: 24.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-838-840

Tgt Ion: 75 Resp: 87706
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.22 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021038.D
Acq: 05 Mar 2021 16:28

Tgt Ion: 75 Resp: 87706
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

