

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021118.D
 Acq On : 09 Mar 2021 18:44
 Operator : JC/MD
 Sample : M1596-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20210305

Quant Time: Mar 10 00:34:19 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)

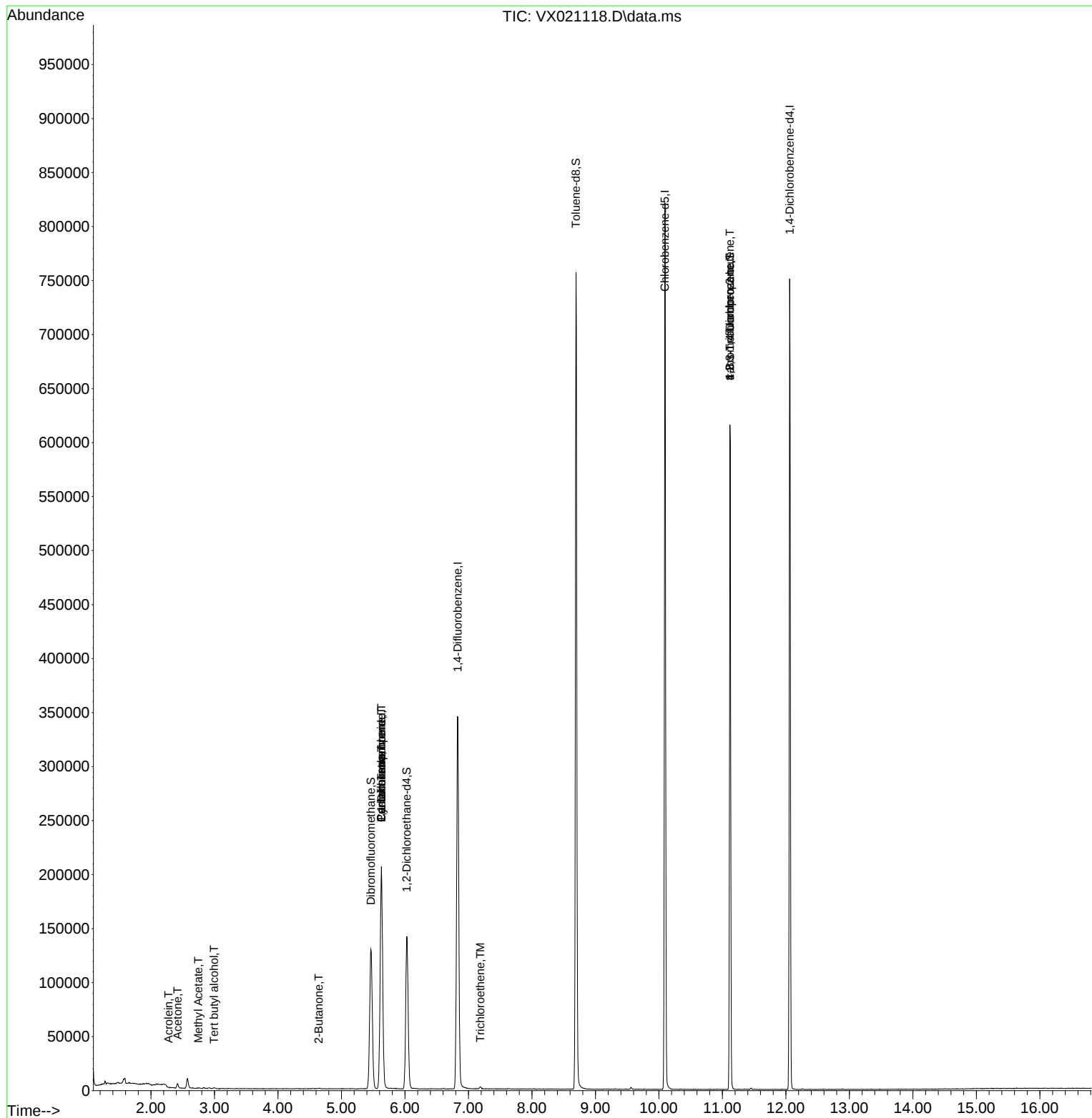
Internal Standards						
1) Pentafluorobenzene	5.629	168	194403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	362455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	364678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	156530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134146	51.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.18%			
35) Dibromofluoromethane	5.464	113	116117	52.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.46%			
50) Toluene-d8	8.694	98	459073	53.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.92%			
62) 4-Bromofluorobenzene	11.118	95	173853	54.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.52%			
Target Compounds						Qvalue
5) Bromomethane	1.640	94	289	Below Cal		92
11) Tert butyl alcohol	2.993	59	616	1.05 ug/l #		73
13) Acrolein	2.275	56	96	0.27 ug/l #		43
16) Acetone	2.417	43	4208	3.89 ug/l		100
18) Methyl Acetate	2.746	43	822	0.32 ug/l #		64
25) 2-Butanone	4.640	43	445	0.27 ug/l #		45
31) Cyclohexane	5.629	56	4003	1.05 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	15163	4.40 ug/l #		48
38) Carbon Tetrachloride	5.629	117	18632	5.58 ug/l #		17
44) Trichloroethene	7.188	130	707	0.26 ug/l		82
76) 1,2,3-Trichloropropane	11.118	75	82907	24.62 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	82907	54.51 ug/l #		12

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

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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

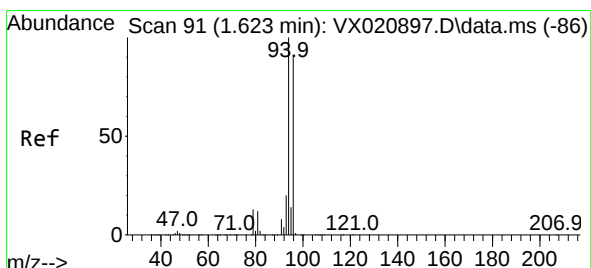
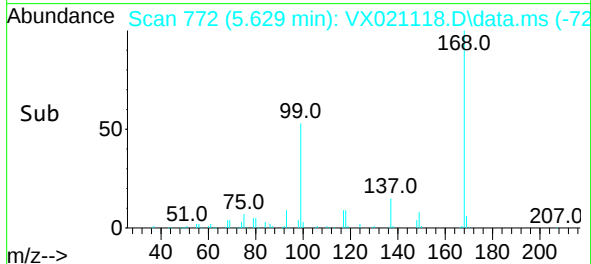
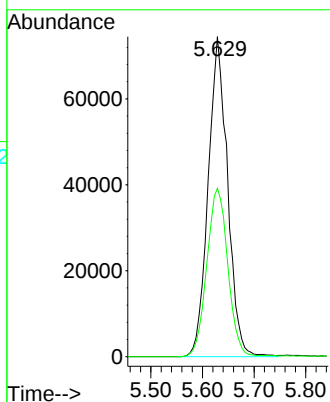
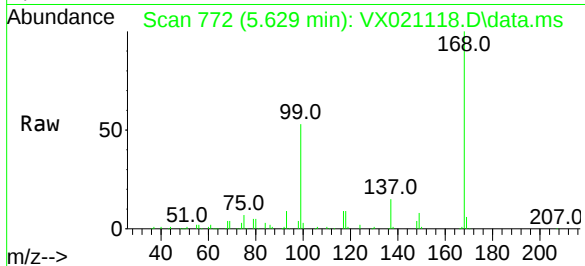




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

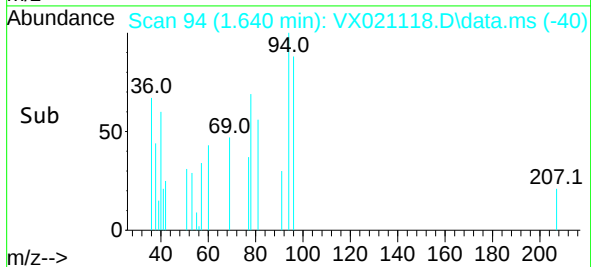
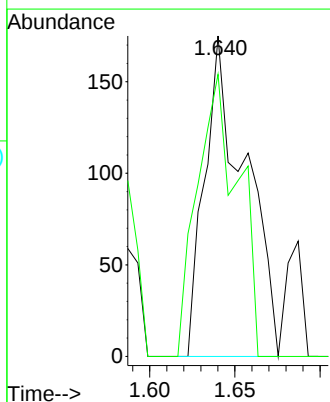
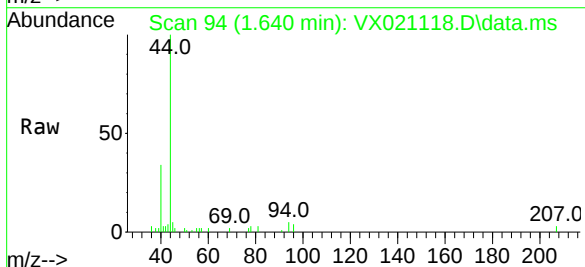
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

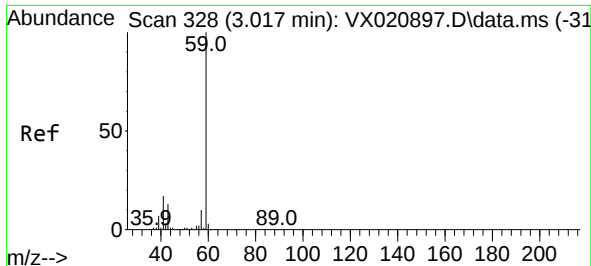
Tgt Ion:168 Resp: 194403
Ion Ratio Lower Upper
168 100
99 52.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 88.0 76.4 114.6

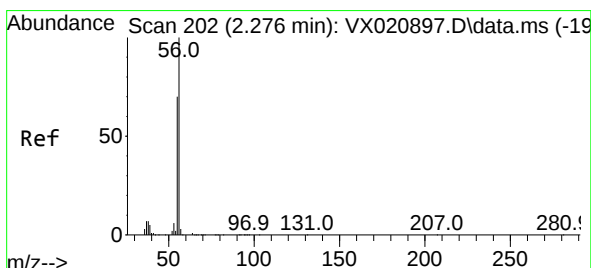
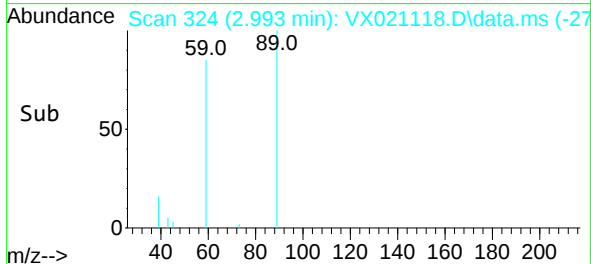
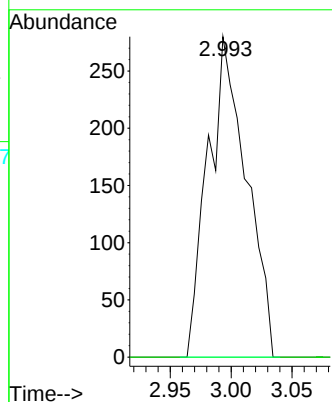
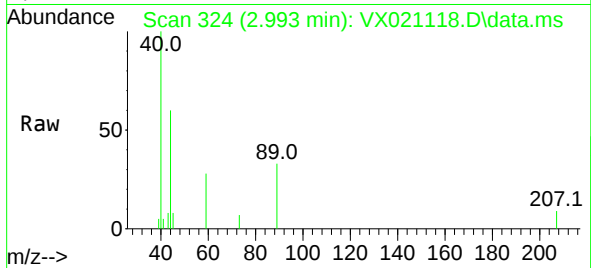




#11
Tert butyl alcohol
Concen: 1.05 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

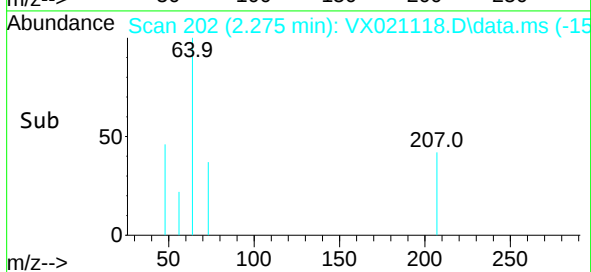
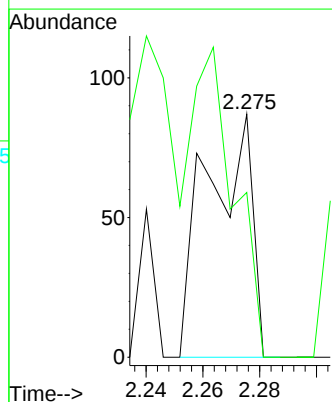
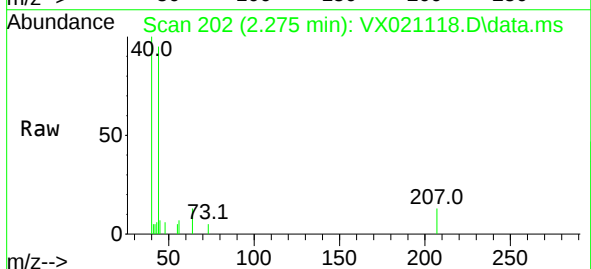
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

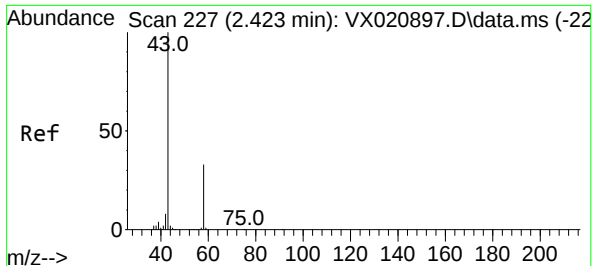
Tgt Ion: 59 Resp: 616
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.27 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 117.7 56.4 84.6#

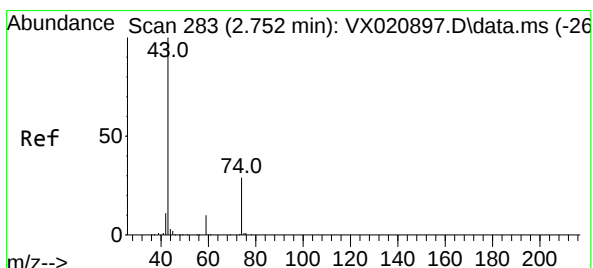
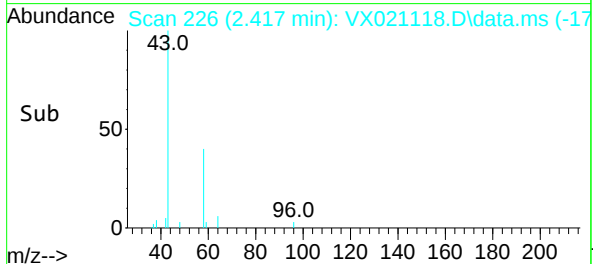
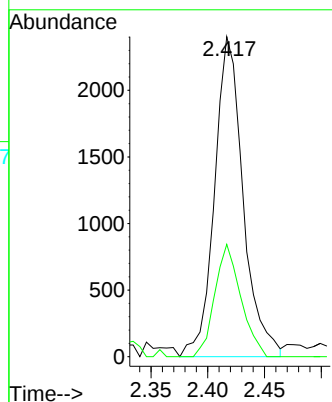
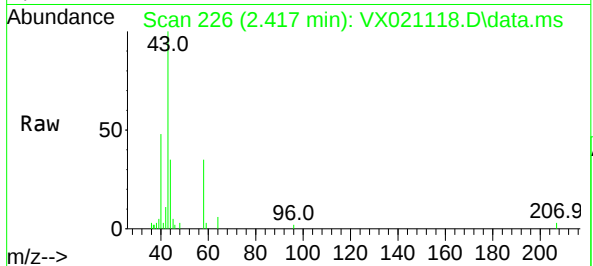




#16
Acetone
Concen: 3.89 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

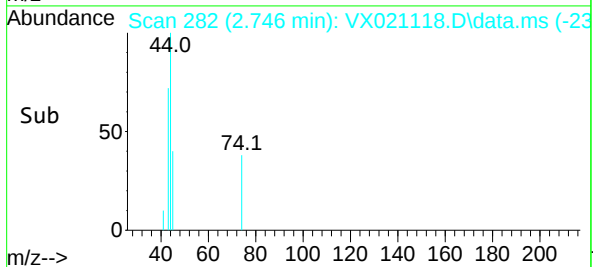
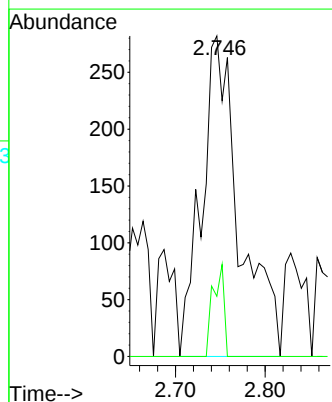
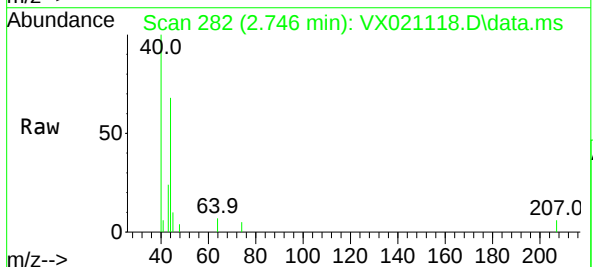
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

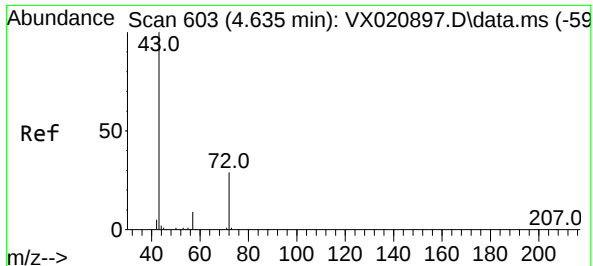
Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
74 8.4 21.9 32.9#

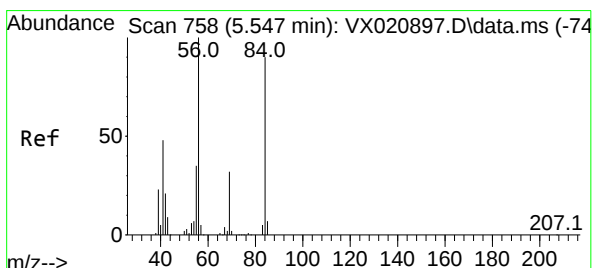
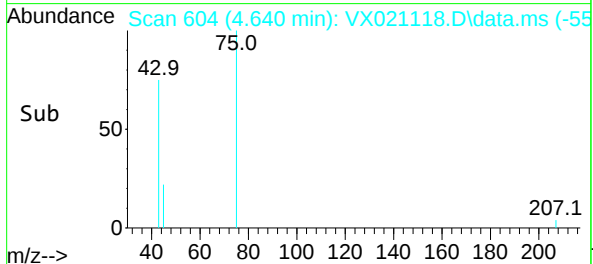
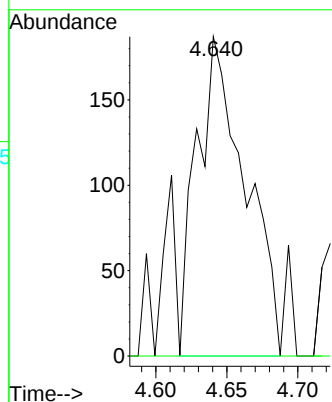
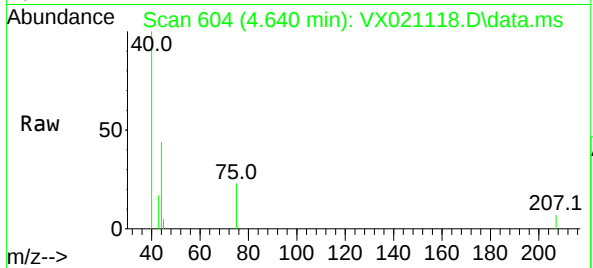




#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

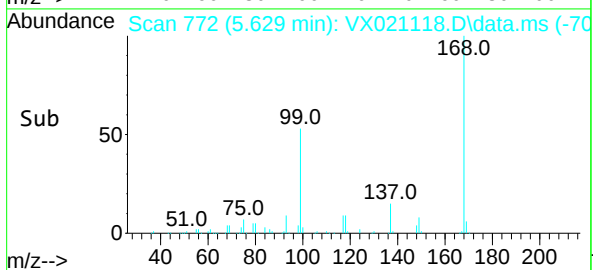
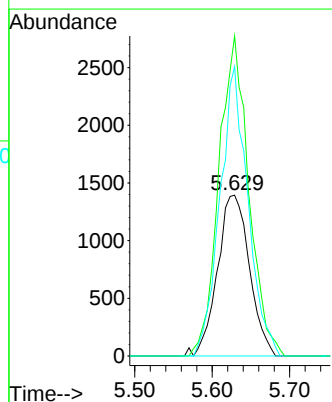
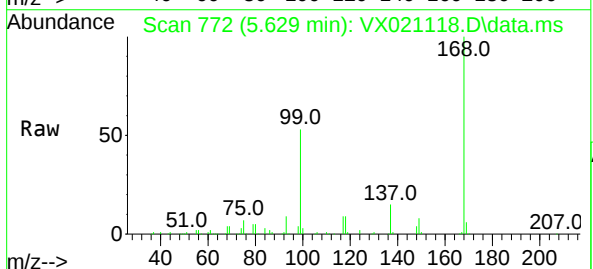
Instrument :
MSVOA_X
ClientSampleId :
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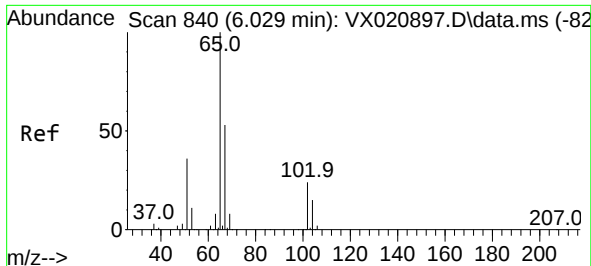
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 56 Resp: 4003
Ion Ratio Lower Upper
56 100
69 199.0 25.3 37.9#
84 179.9 71.4 107.0#

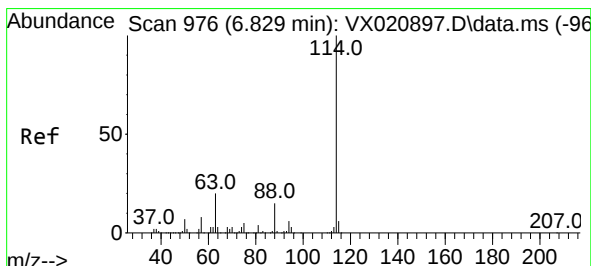
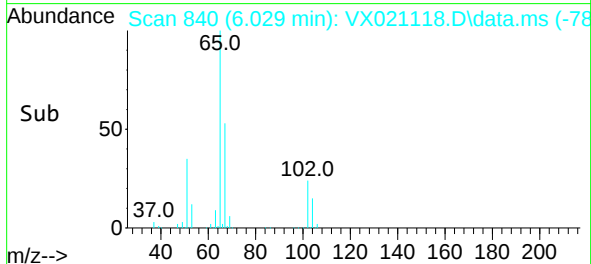
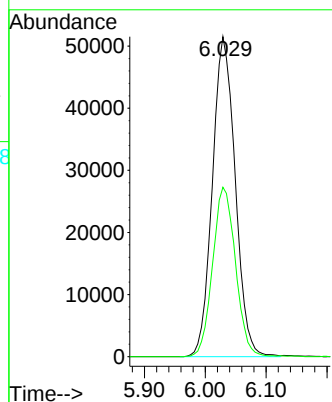
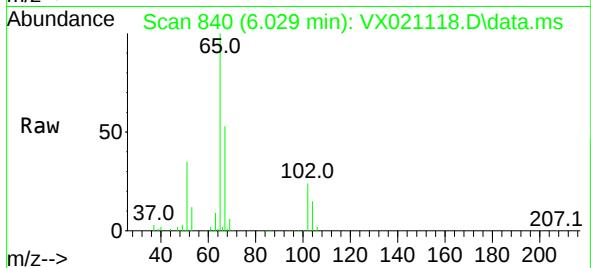




#33
1,2-Dichloroethane-d4
Concen: 51.09 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

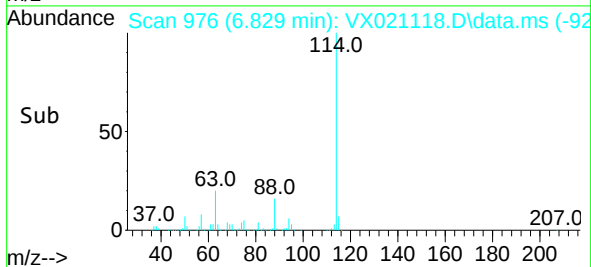
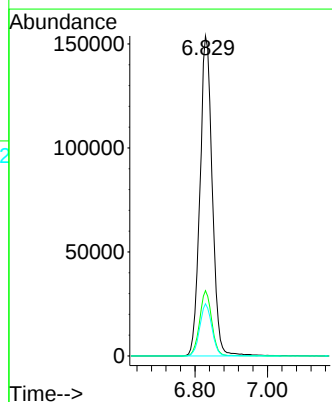
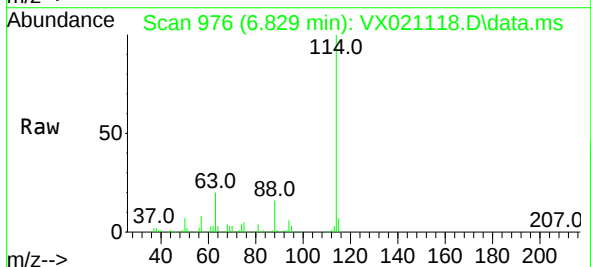
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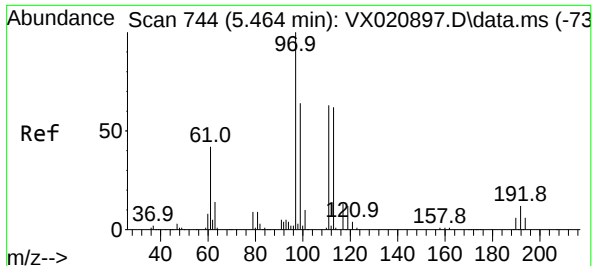
Tgt Ion: 65 Resp: 134146
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 114 Resp: 362455
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.3 0.0 32.8

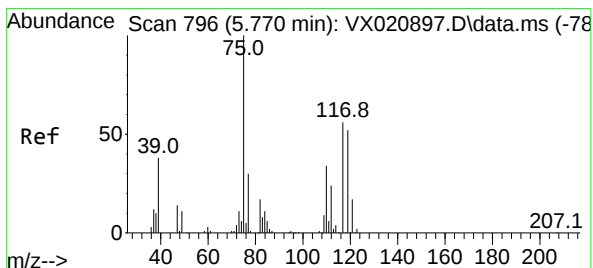
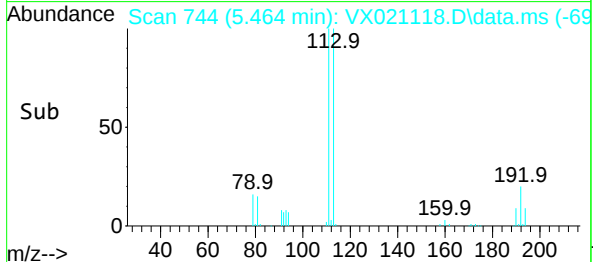
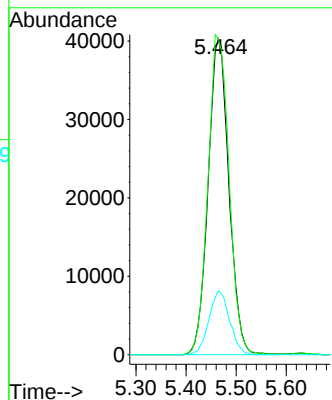
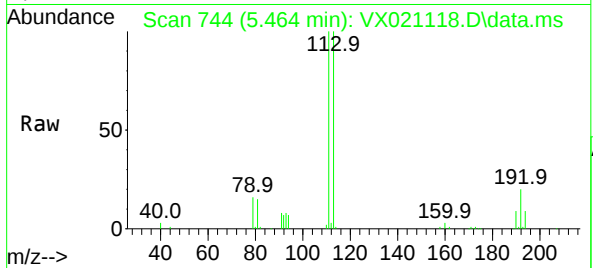




#35
Dibromofluoromethane
Concen: 52.73 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

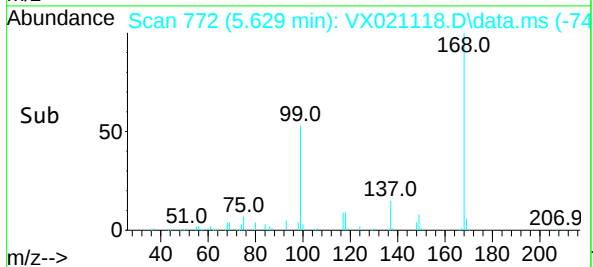
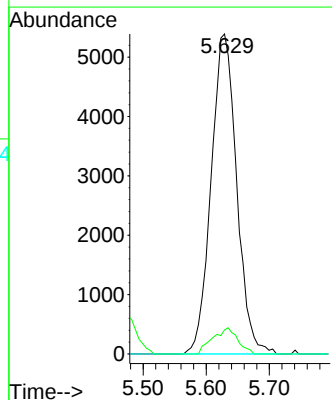
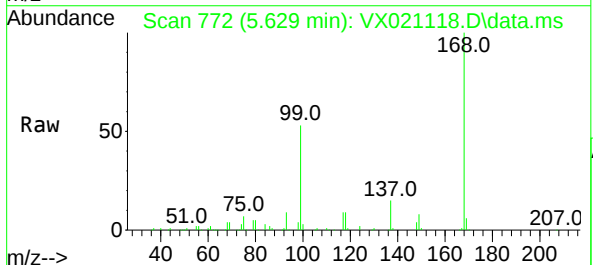
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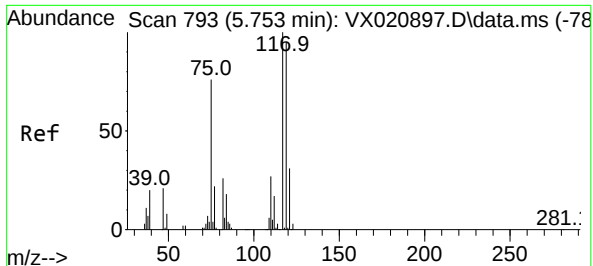
Tgt Ion:113 Resp: 116117
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 75 Resp: 15163
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

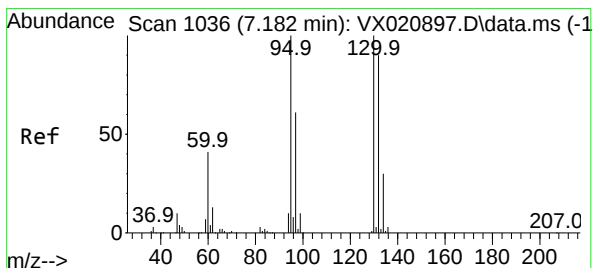
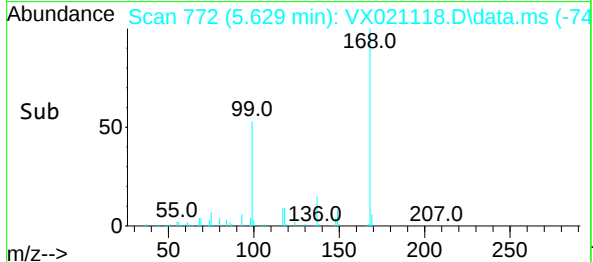
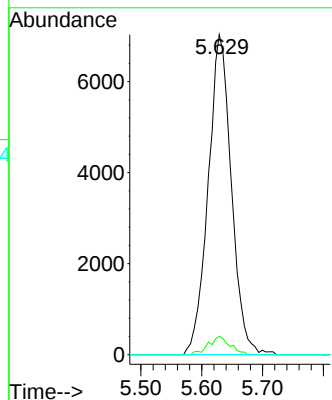
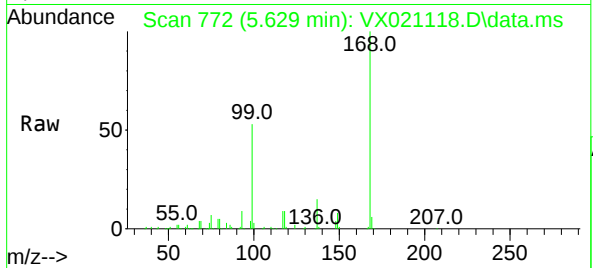




#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

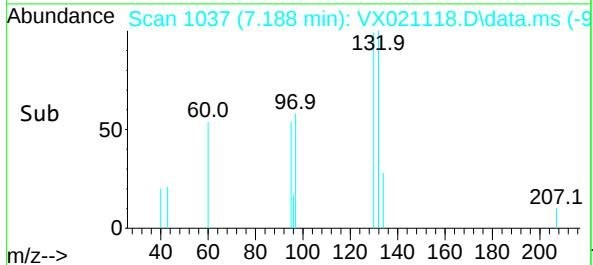
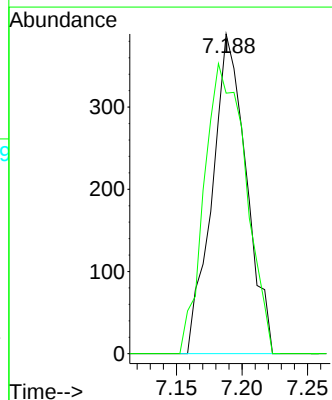
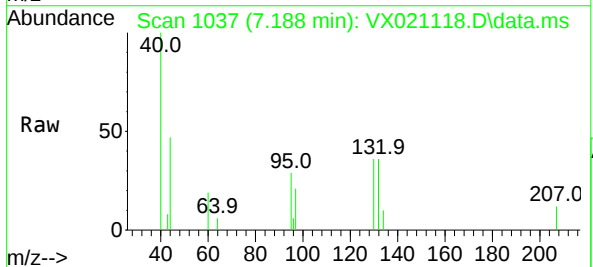
Instrument :
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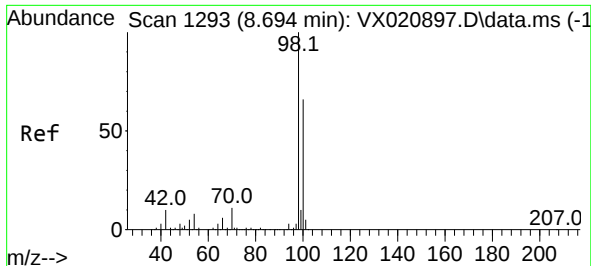
Tgt Ion:117 Resp: 18632
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.26 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion:130 Resp: 707
Ion Ratio Lower Upper
130 100
95 81.5 0.0 198.0

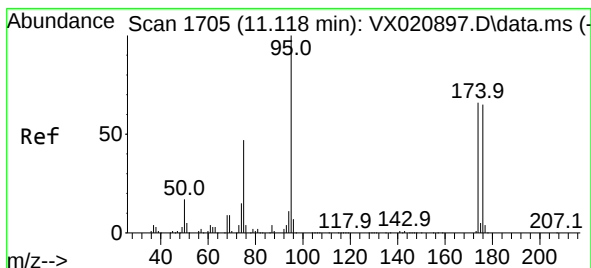
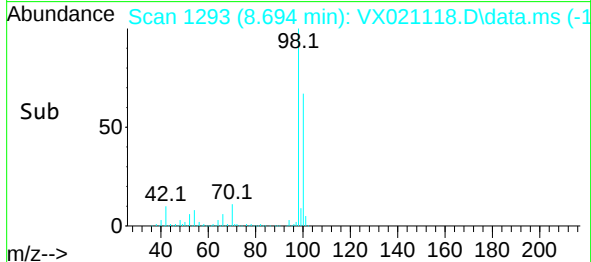
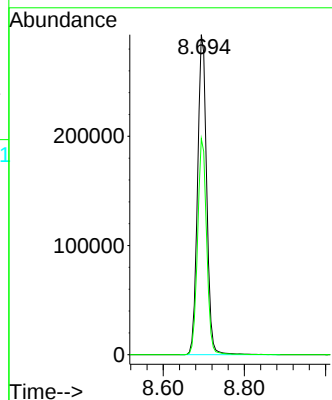
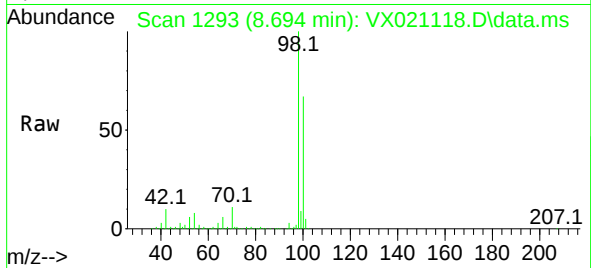




#50
Toluene-d8
Concen: 53.46 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

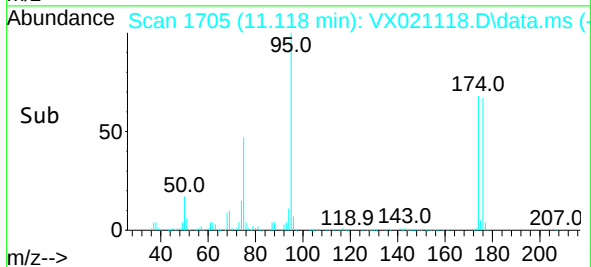
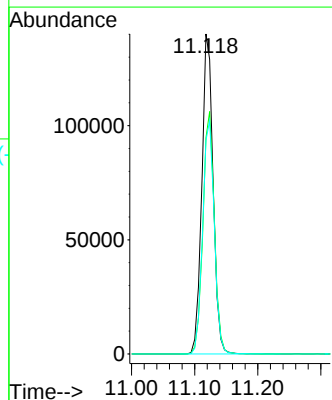
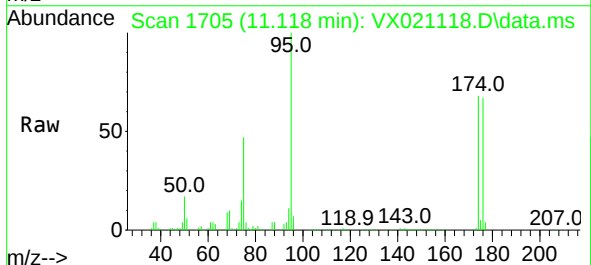
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

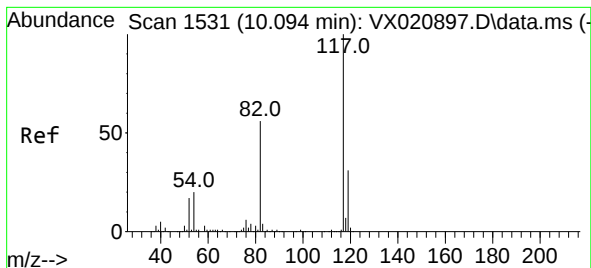
Tgt Ion: 98 Resp: 459073
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 95 Resp: 173853
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 75.2 0.0 155.8

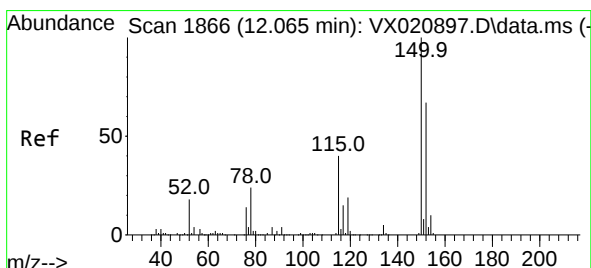
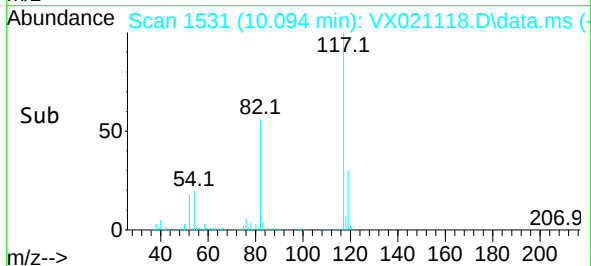
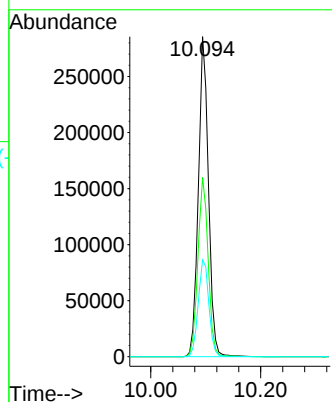
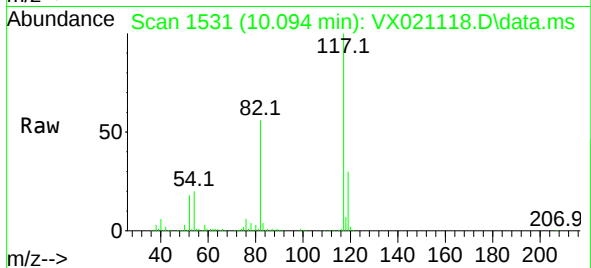




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

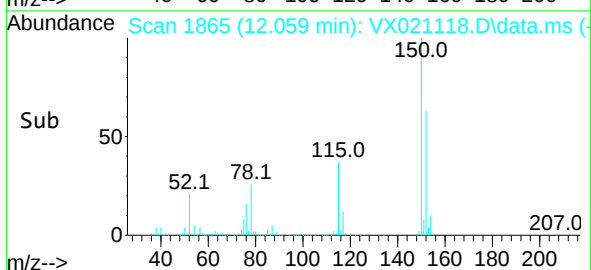
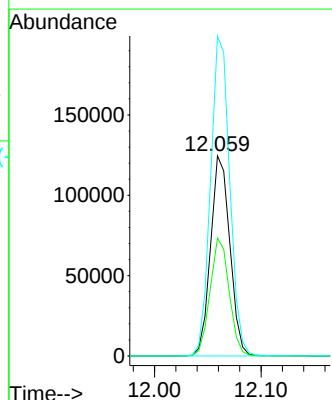
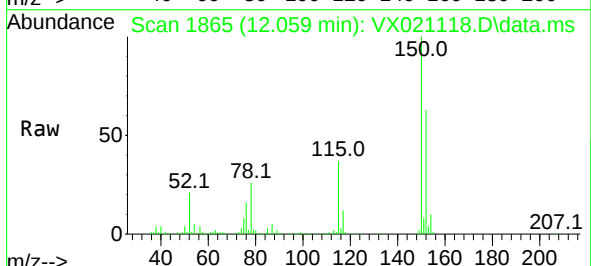
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

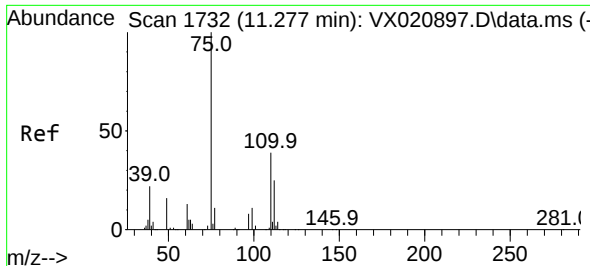
Tgt Ion:117 Resp: 364678
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion:152 Resp: 156530
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 159.3 0.0 349.0

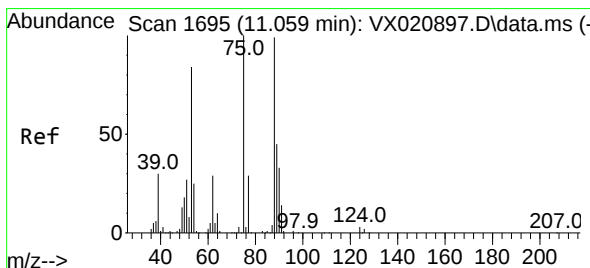
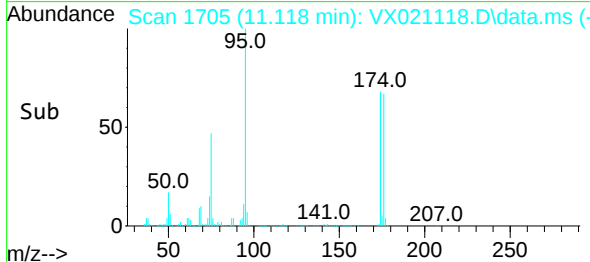
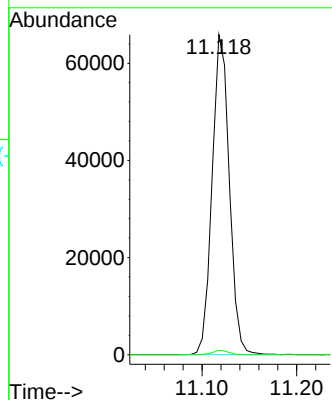
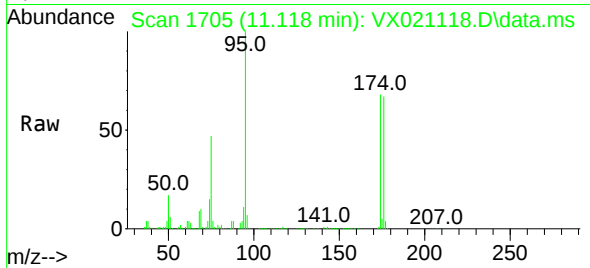




#76
1,2,3-Trichloropropane
Concen: 24.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210305

Tgt Ion: 75 Resp: 82907
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021118.D
Acq: 09 Mar 2021 18:44

Tgt Ion: 75 Resp: 82907
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

