

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021303.D
 Acq On : 19 Mar 2021 15:39
 Operator : JC/MD
 Sample : M1734-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-031821

Quant Time: Mar 20 06:32:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

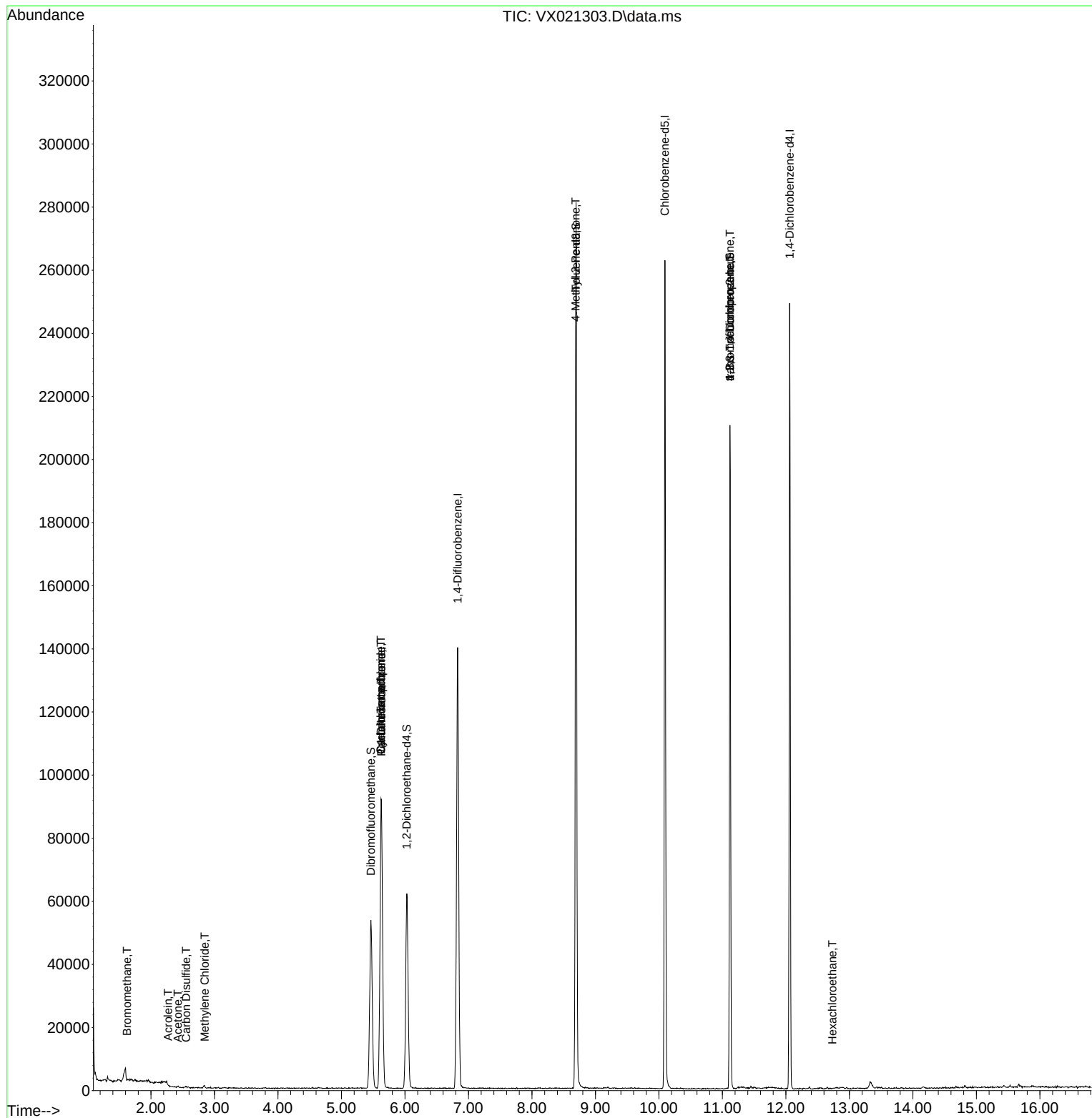
Internal Standards						
1) Pentafluorobenzene	5.629	168	79115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	129064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60948	46.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.94%		
35) Dibromofluoromethane	5.464	113	43579	49.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.24%		
50) Toluene-d8	8.694	98	154845	48.59	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.18%		
62) 4-Bromofluorobenzene	11.118	95	53862	43.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.06%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2121	Below Cal		90
5) Bromomethane	1.623	94	175	0.42 ug/l #		2
13) Acrolein	2.270	56	47	3.48 ug/l #		1
16) Acetone	2.423	43	559	1.17 ug/l #		76
17) Carbon Disulfide	2.552	76	381	0.70 ug/l #		75
20) Methylene Chloride	2.846	84	353	0.36 ug/l #		83
31) Cyclohexane	5.623	56	2255	1.44 ug/l #		9
36) 1,1-Dichloropropene	5.623	75	7321	5.63 ug/l #		49
38) Carbon Tetrachloride	5.623	117	8749	6.48 ug/l #		16
51) 4-Methyl-2-Pentanone	8.688	43	952	0.66 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	30251	28.85 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	30251	78.32 ug/l #		12
90) Hexachloroethane	12.730	117	136	0.31 ug/l #		9

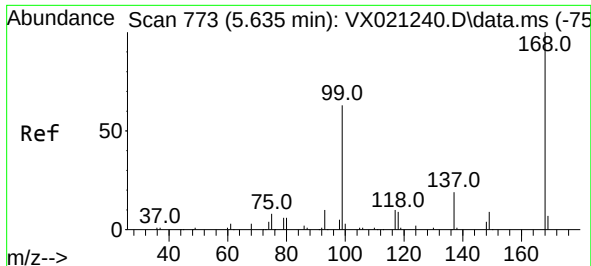
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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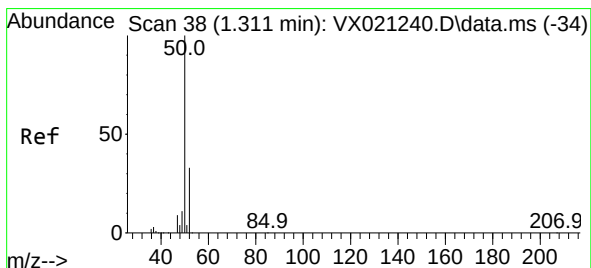
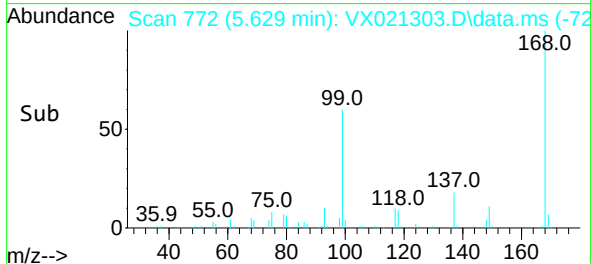
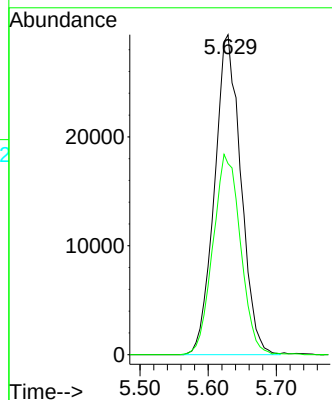
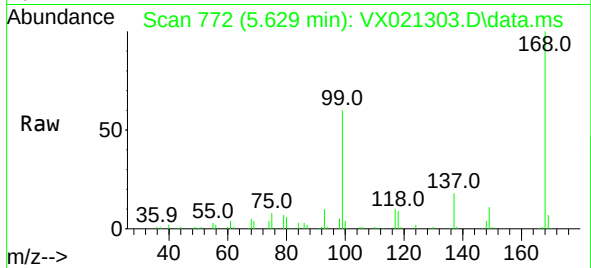




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

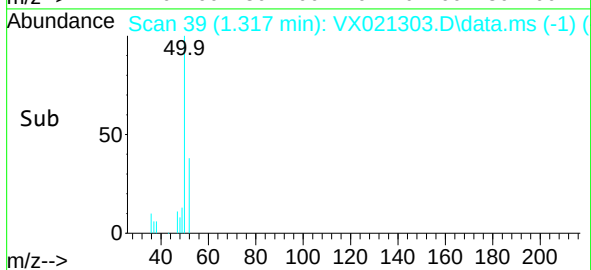
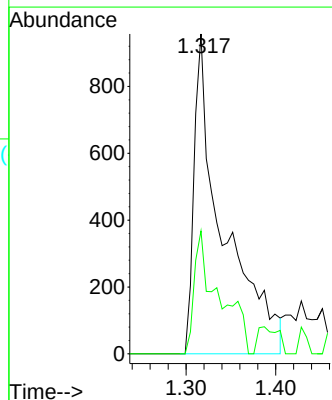
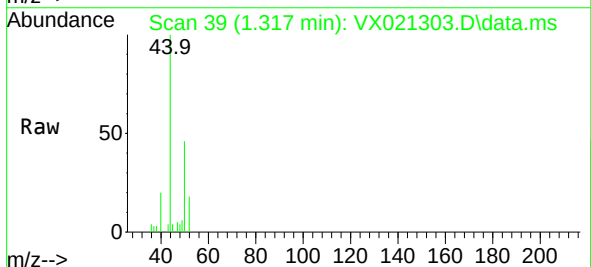
Instrument :
MSVOA_X
ClientSampled :
TB-01-031821

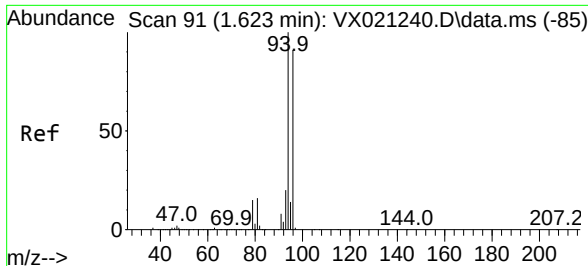
Tgt Ion:168 Resp: 79115
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 50 Resp: 2121
Ion Ratio Lower Upper
50 100
52 38.5 26.4 39.6

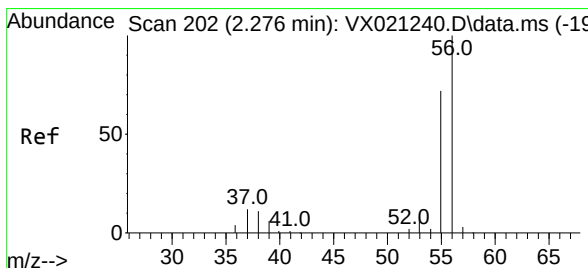
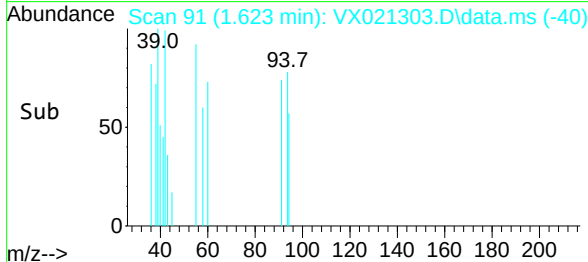
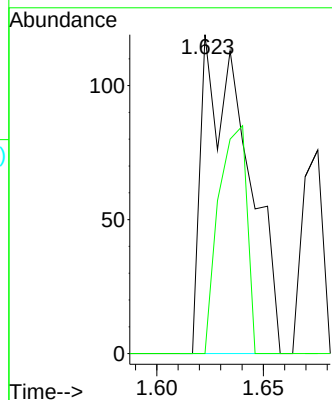
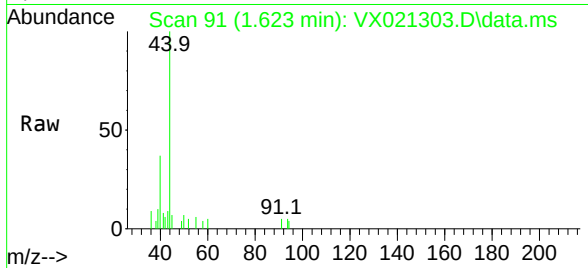




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

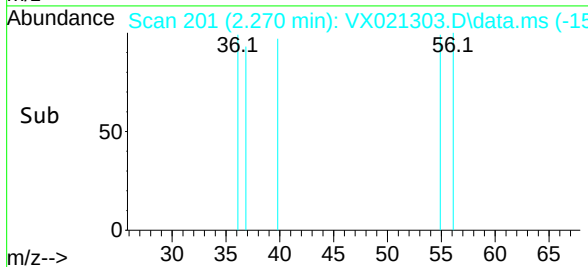
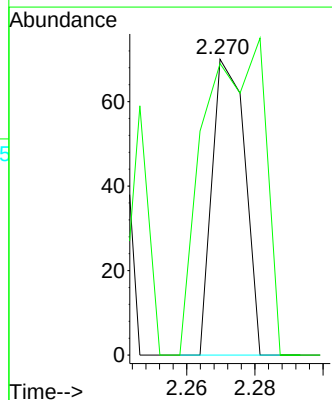
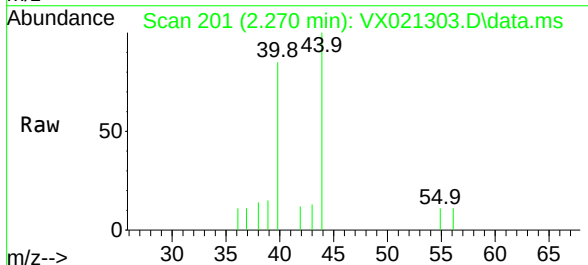
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031821

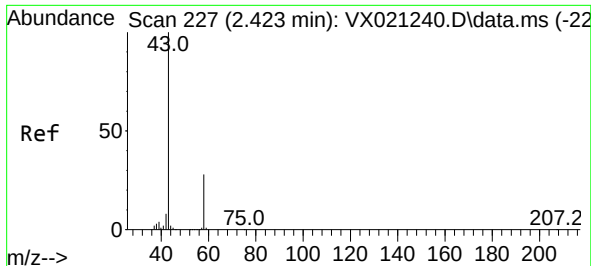
Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#13
Acrolein
Concen: 3.48 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 193.6 56.4 84.6#

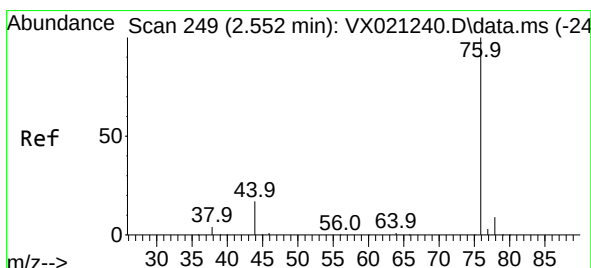
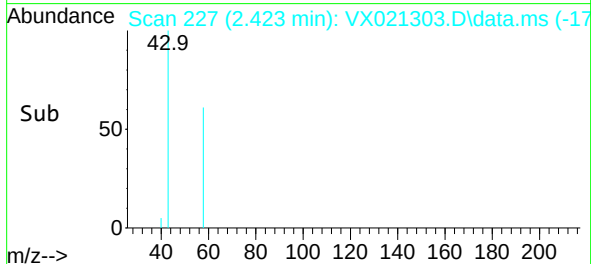
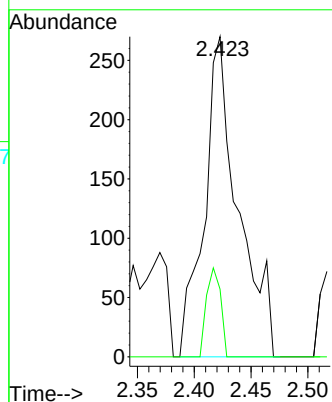
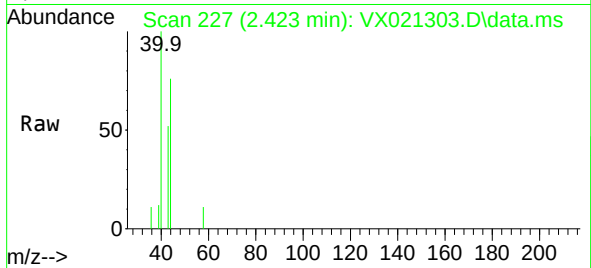




#16
Acetone
Concen: 1.17 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

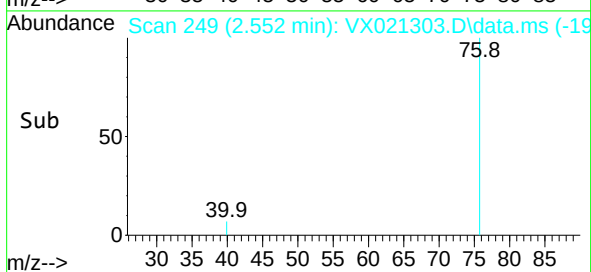
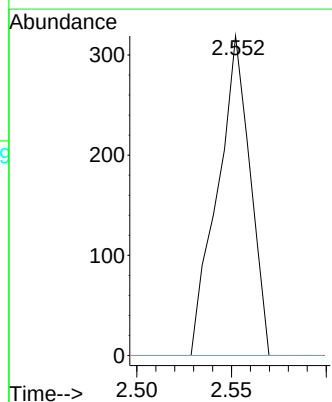
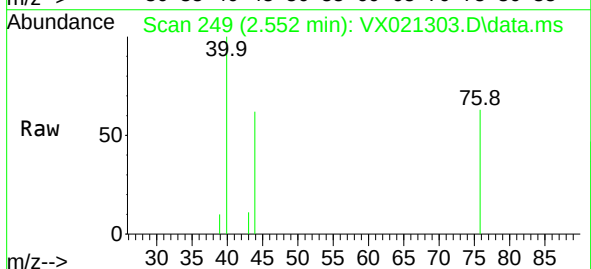
Instrument :
MSVOA_X
ClientSampled :
TB-01-031821

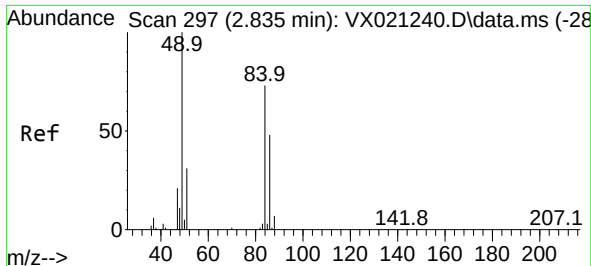
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 21.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.70 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 76 Resp: 381
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 2.846 min Scan# 299

Delta R.T. 0.011 min

Lab File: VX021303.D

Acq: 19 Mar 2021 15:39

Tgt Ion: 84 Resp: 353

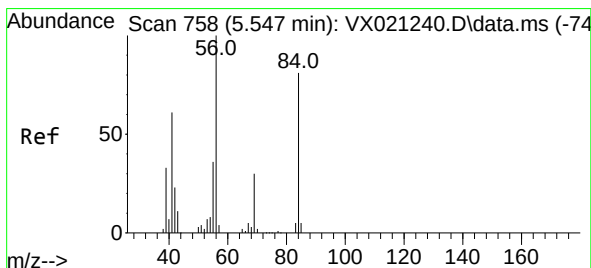
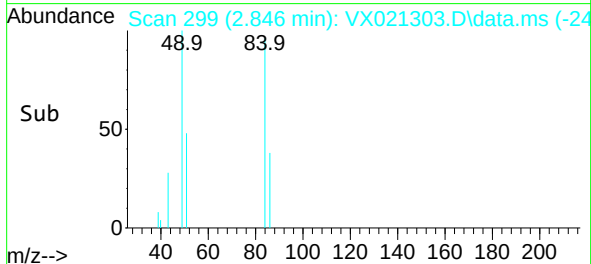
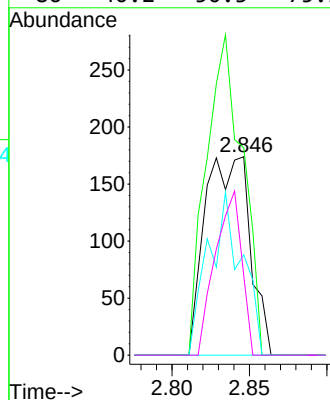
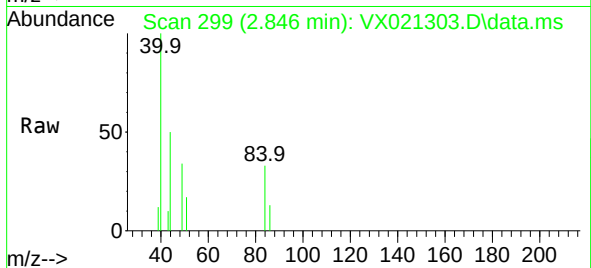
Ion Ratio Lower Upper

84 100

49 104.6 88.6 132.8

51 50.6 27.0 40.6#

86 40.2 50.3 75.5#



#31

Cyclohexane

Concen: 1.44 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021303.D

Acq: 19 Mar 2021 15:39

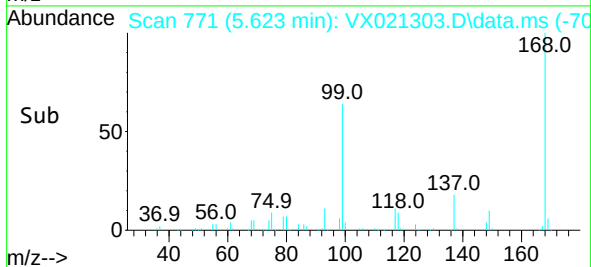
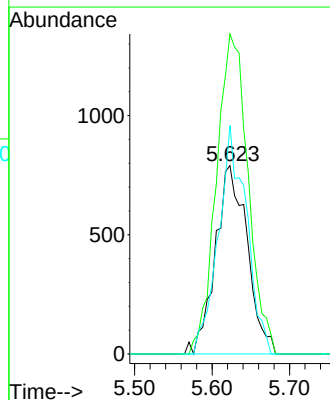
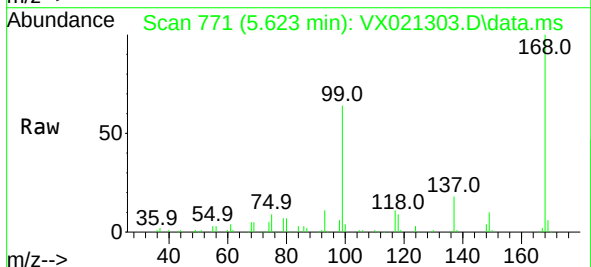
Tgt Ion: 56 Resp: 2255

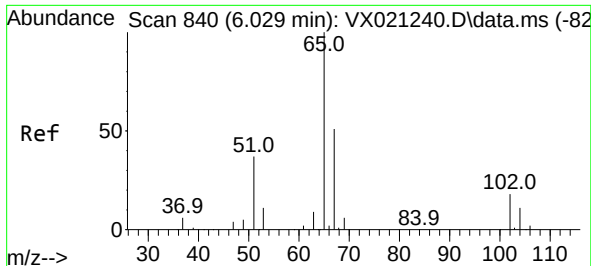
Ion Ratio Lower Upper

56 100

69 169.9 25.3 37.9#

84 121.3 71.4 107.0#

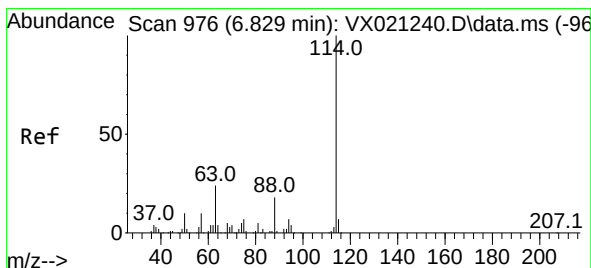
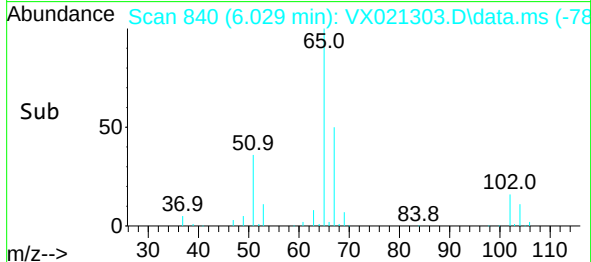
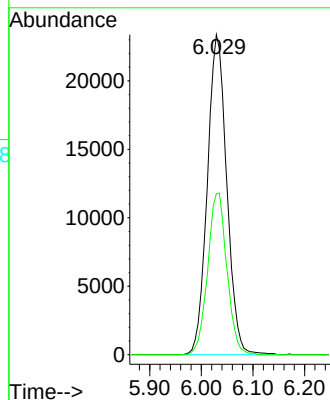
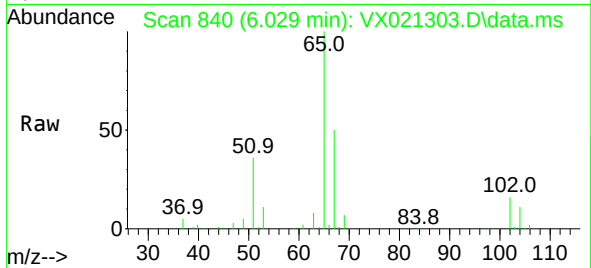




#33
 1,2-Dichloroethane-d4
 Concen: 46.97 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021303.D
 Acq: 19 Mar 2021 15:39

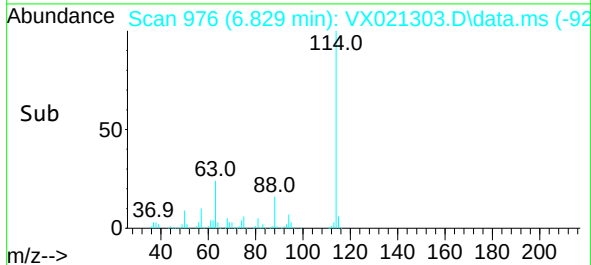
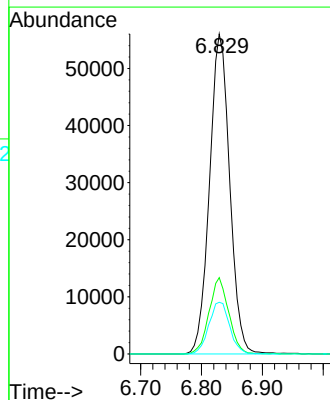
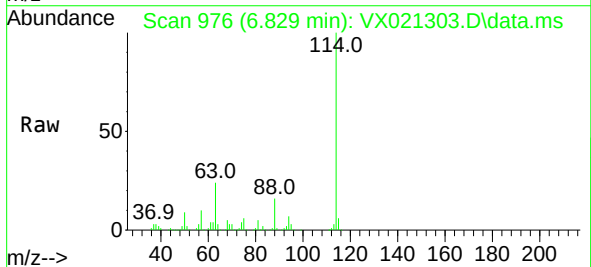
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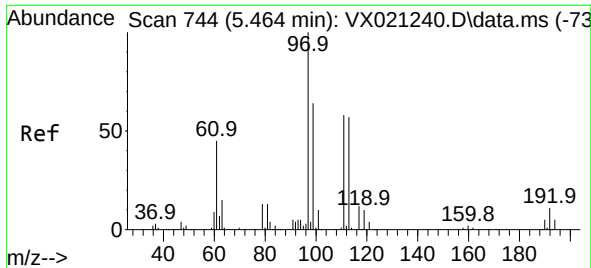
Tgt Ion: 65 Resp: 60948
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021303.D
 Acq: 19 Mar 2021 15:39

Tgt Ion: 114 Resp: 129064
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 40.8
 88 16.2 0.0 32.8

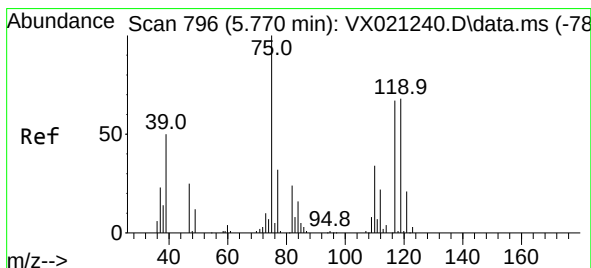
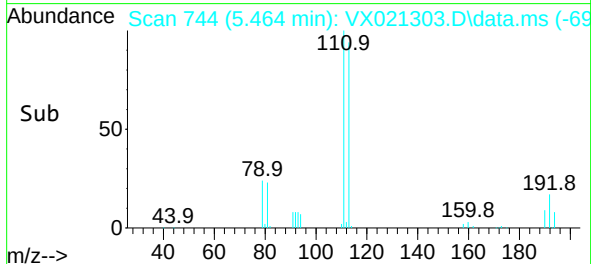
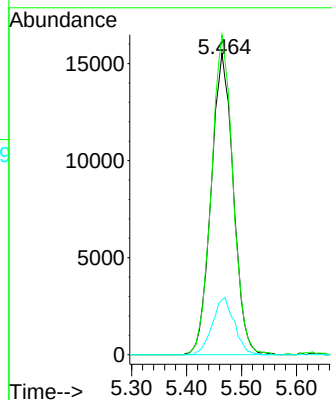
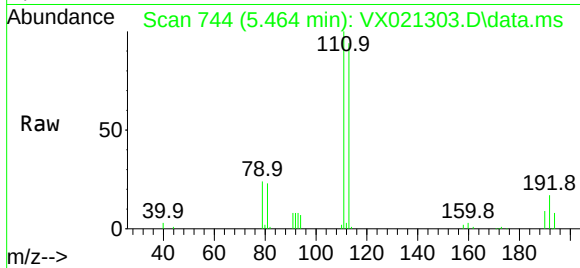




#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

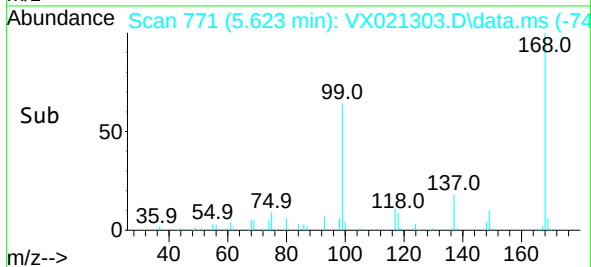
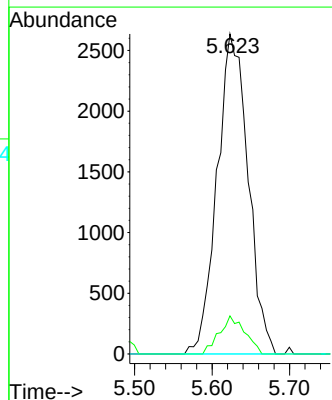
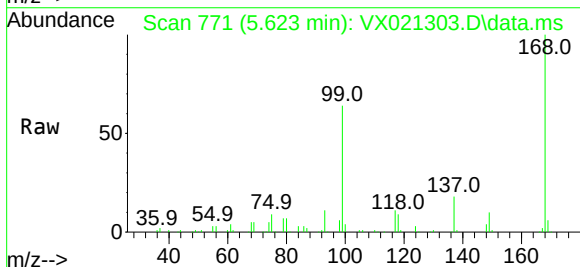
Instrument :
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TB-01-031821

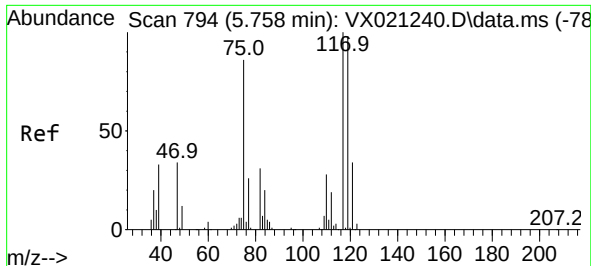
Tgt Ion:113 Resp: 43579
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.63 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

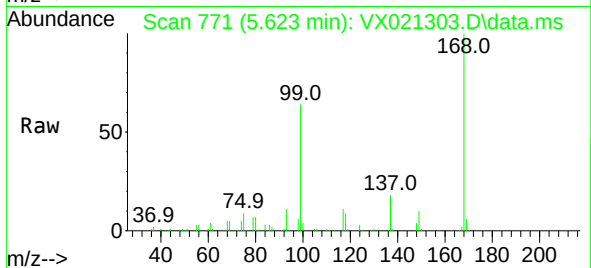
Tgt Ion: 75 Resp: 7321
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



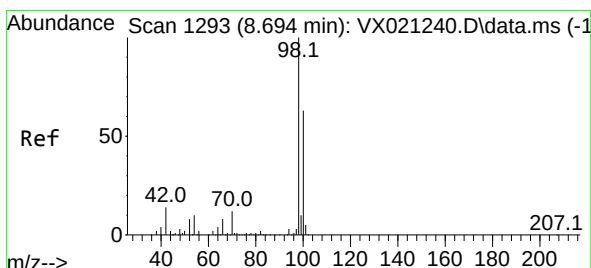
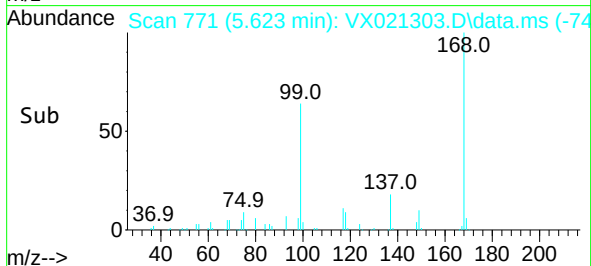
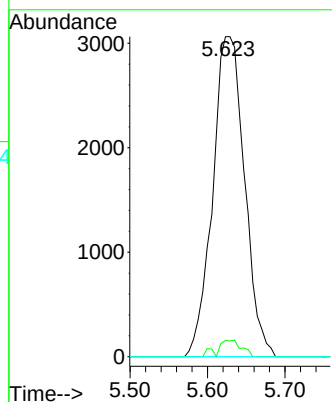


#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Instrument :
MSVOA_X
ClientSampleId :
TB-01-031821

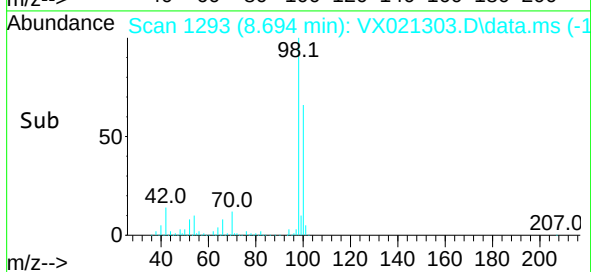
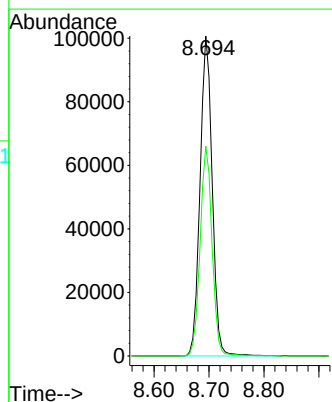
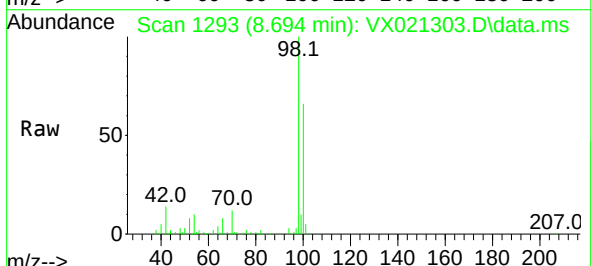


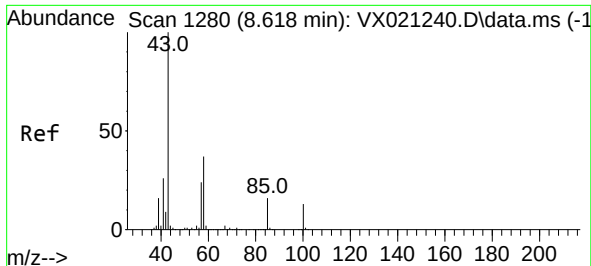
Tgt Ion:117 Resp: 8749
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 98 Resp: 154845
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

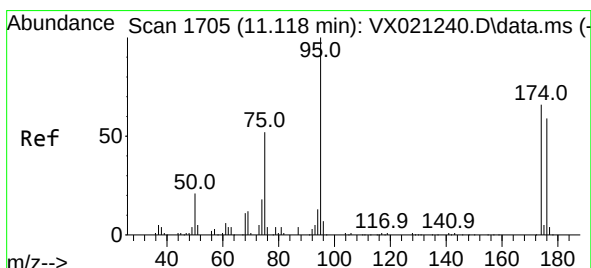
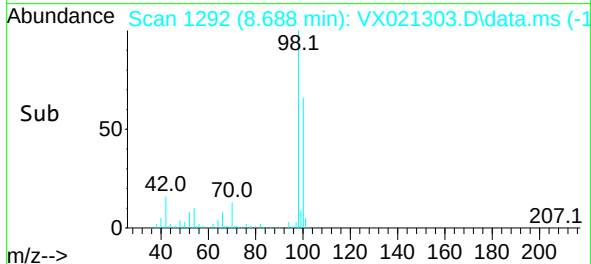
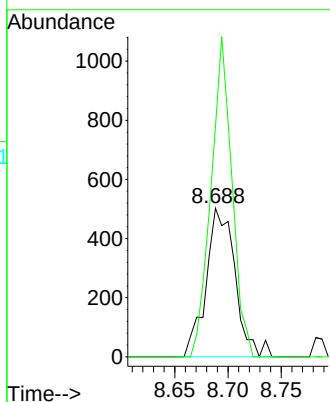
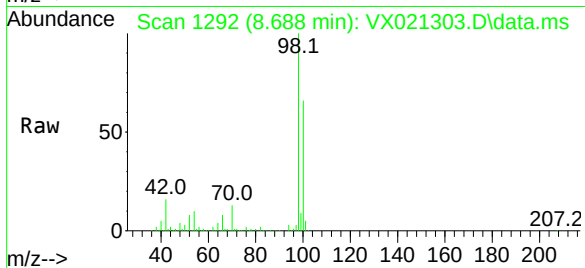




#51
4-Methyl-2-Pentanone
Concen: 0.66 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.070 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

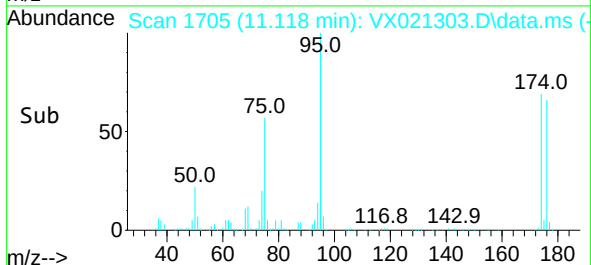
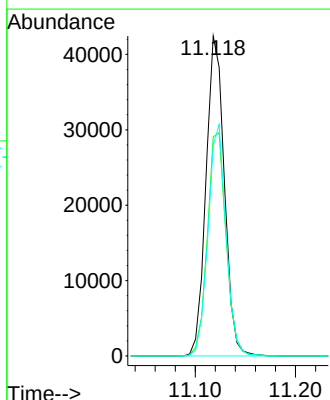
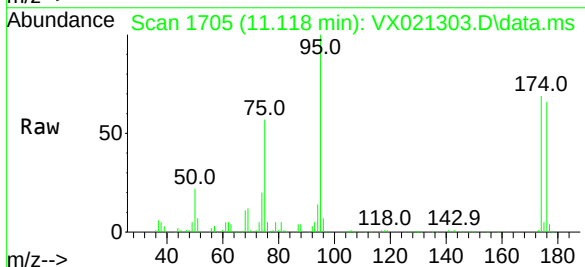
Instrument :
MSVOA_X
ClientSampled :
TB-01-031821

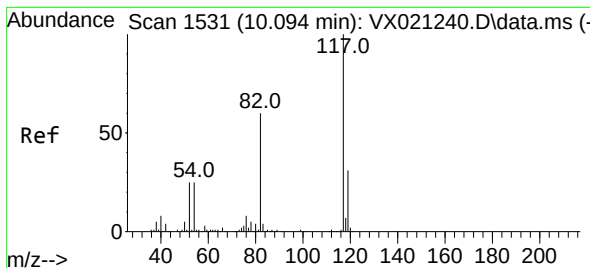
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 156.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 95 Resp: 53862
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.6
176 70.4 0.0 155.8

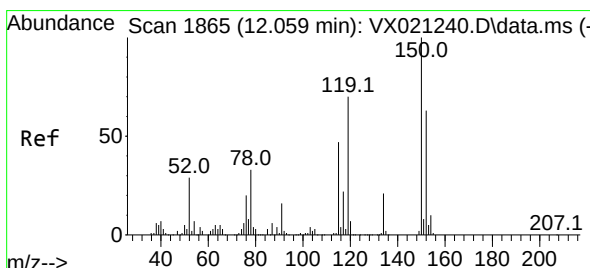
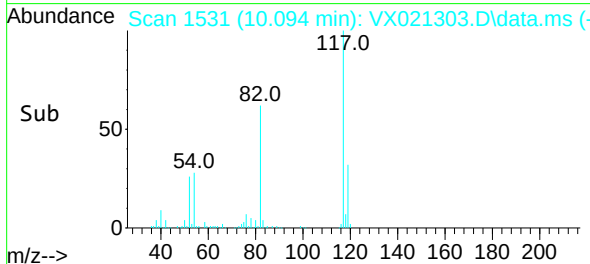
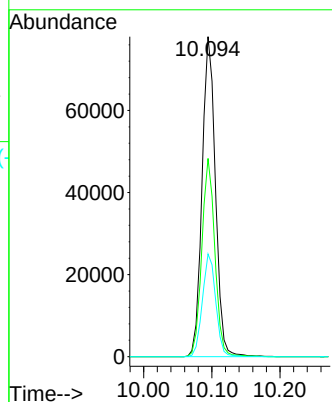
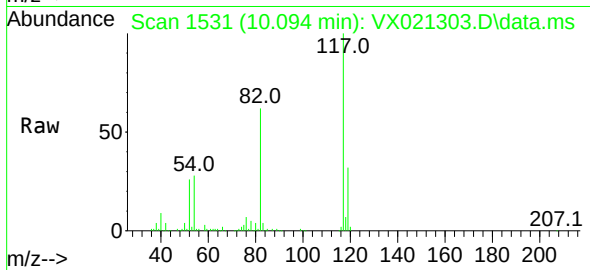




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

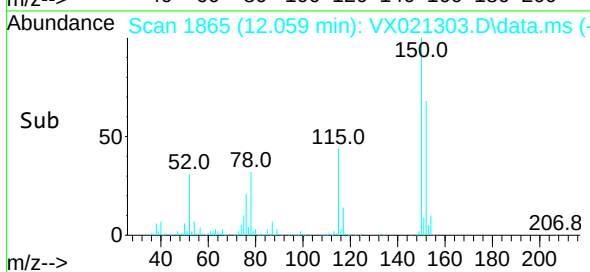
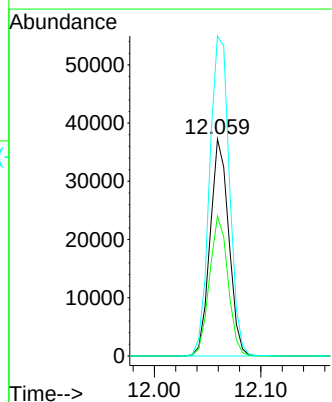
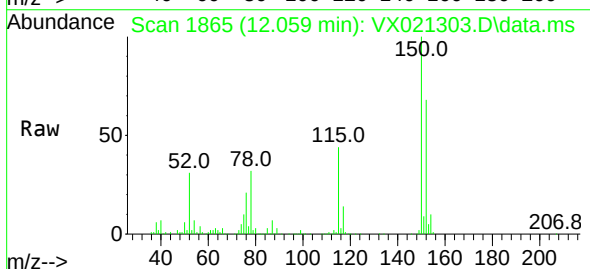
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031821

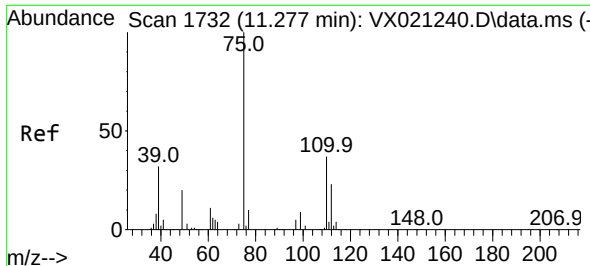
Tgt Ion:117 Resp: 106253
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion:152 Resp: 45207
Ion Ratio Lower Upper
152 100
115 63.9 41.1 123.3
150 156.8 0.0 349.0

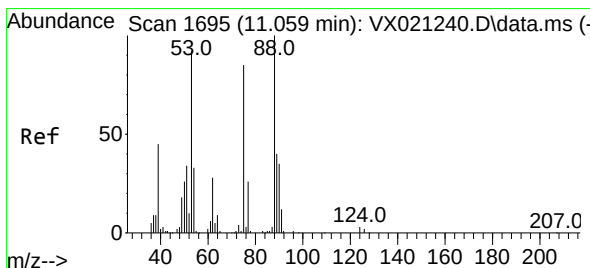
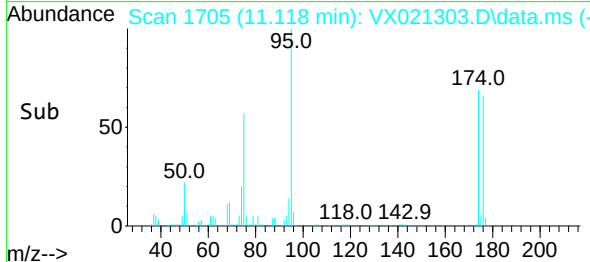
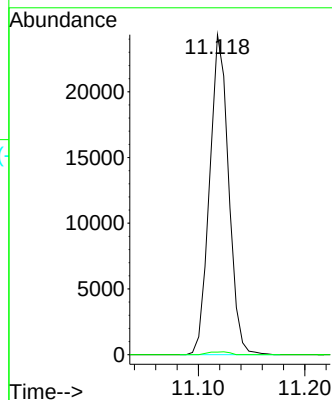
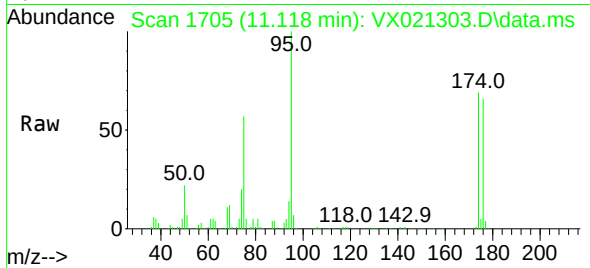




#76
1,2,3-Trichloropropane
Concen: 28.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

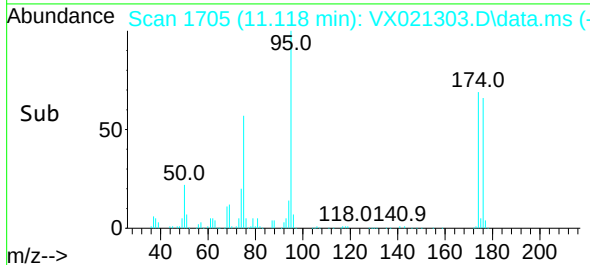
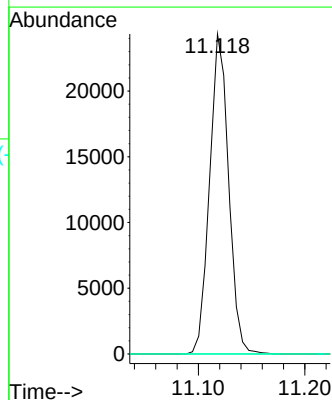
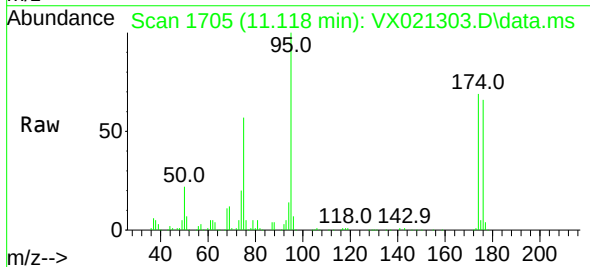
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031821

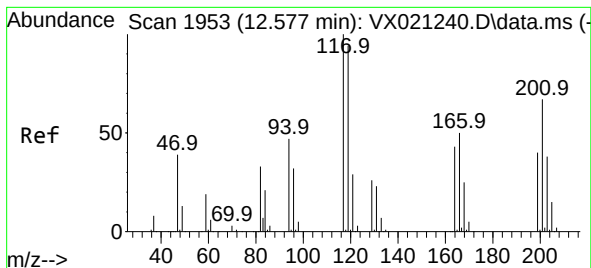
Tgt Ion: 75 Resp: 30251
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Tgt Ion: 75 Resp: 30251
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 12.730 min Scan# 1979
Delta R.T. 0.153 min
Lab File: VX021303.D
Acq: 19 Mar 2021 15:39

Instrument :
MSVOA_X
ClientSampleId :
TB-01-031821

Tgt Ion:117 Resp: 136
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

