

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021055.D
 Acq On : 08 Mar 2021 13:12
 Operator : JC/MD
 Sample : M1594-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-030521

Quant Time: Mar 09 01:04:49 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)

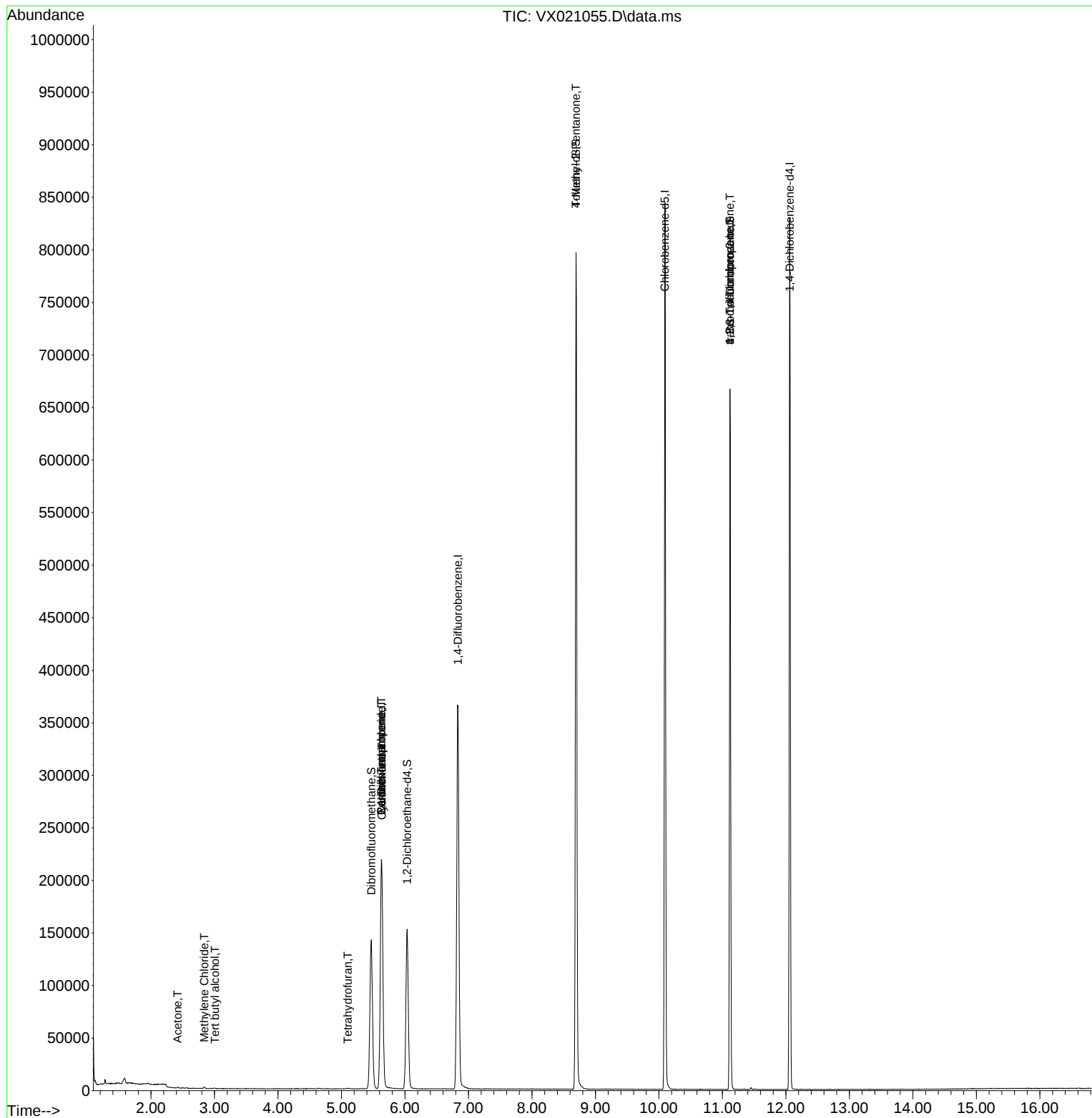
Internal Standards						
1) Pentafluorobenzene	5.629	168	217373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	399864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	142127	48.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.82%		
35) Dibromofluoromethane	5.470	113	125847	51.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.60%		
50) Toluene-d8	8.694	98	499128	52.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.38%		
62) 4-Bromofluorobenzene	11.118	95	189521	54.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.22%		
Target Compounds						
5) Bromomethane	1.640	94	370	Below Cal	#	77
11) Tert butyl alcohol	3.005	59	262	0.40 ug/l	#	73
16) Acetone	2.417	43	906	0.75 ug/l		91
20) Methylene Chloride	2.840	84	659	0.23 ug/l	#	84
29) Tetrahydrofuran	5.099	42	470	0.40 ug/l	#	59
31) Cyclohexane	5.635	56	4122	0.97 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	16285	4.28 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	21040	5.71 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.694	43	1901	0.53 ug/l	#	1
76) 1,2,3-Trichloropropane	11.118	75	88994	23.55 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	88994	52.14 ug/l	#	12

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

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Quant Time: Mar 09 01:04:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

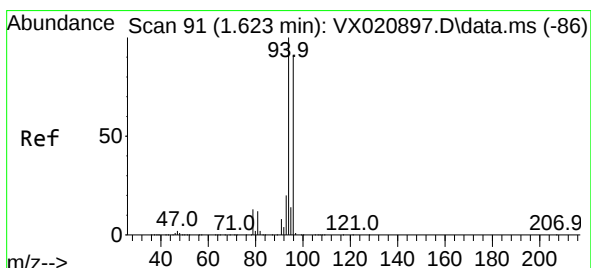
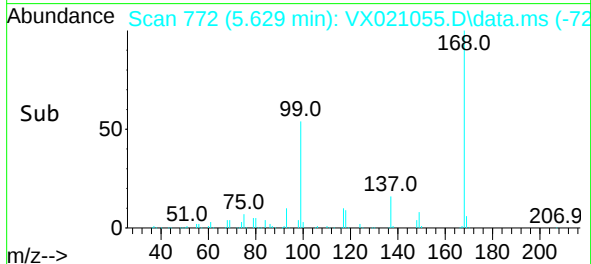
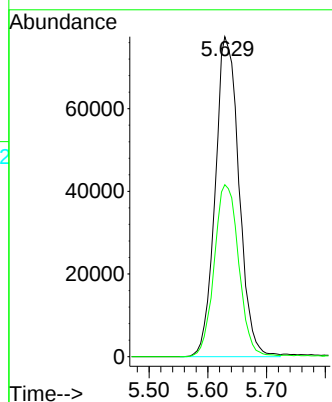
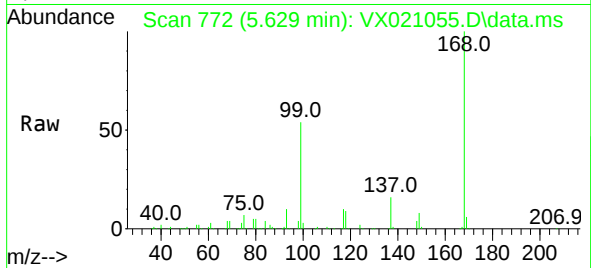




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

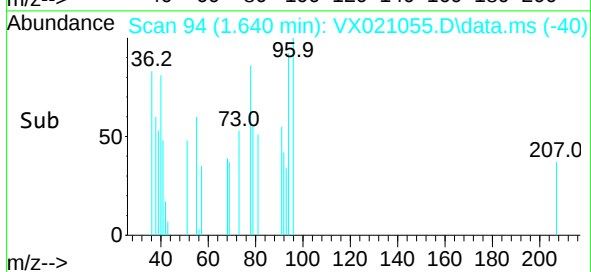
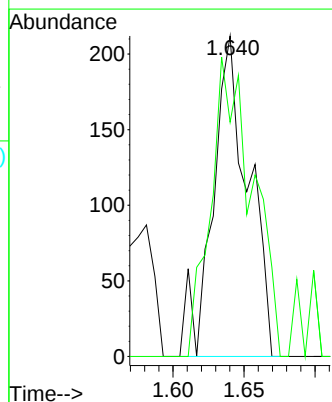
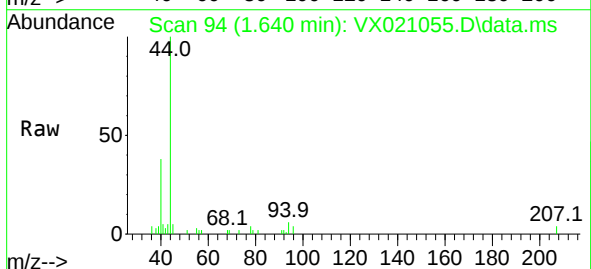
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

Tgt Ion:168 Resp: 217373
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 73.1 76.4 114.6#

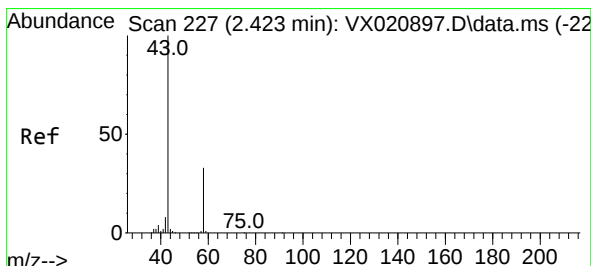
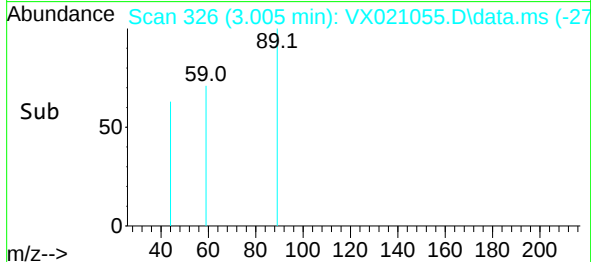
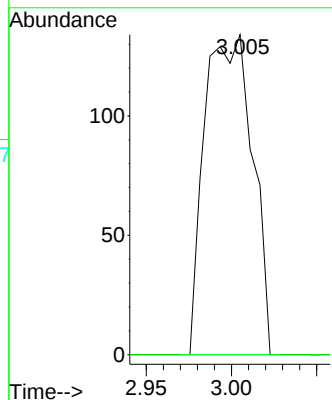
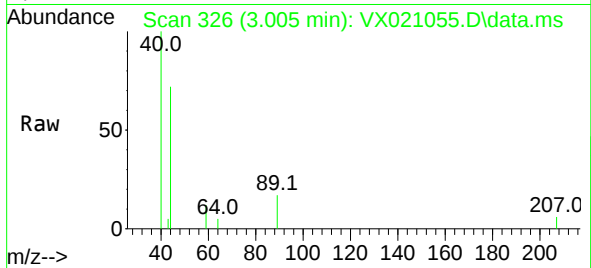




#11
Tert butyl alcohol
Concen: 0.40 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

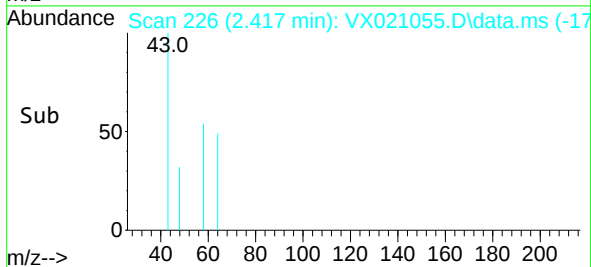
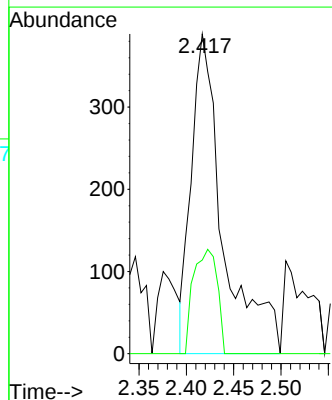
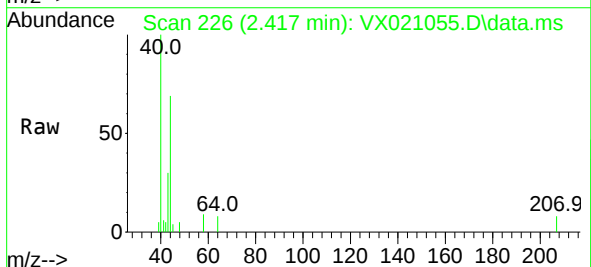
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

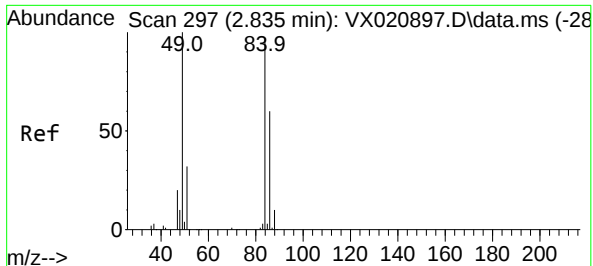
Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.75 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8

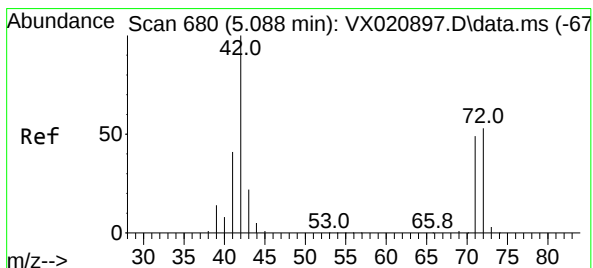
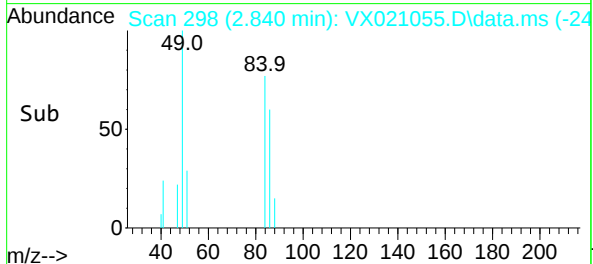
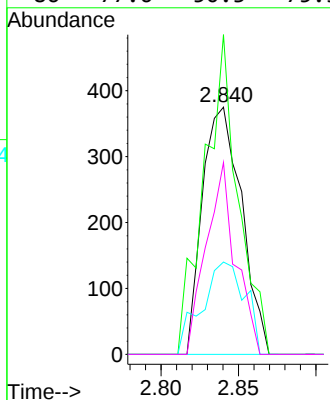
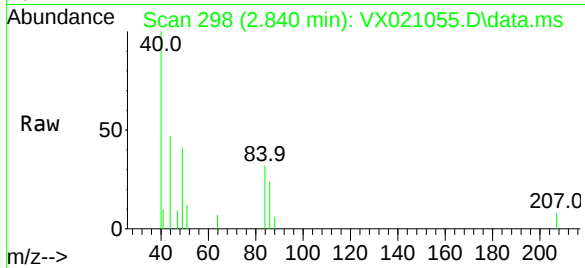




#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

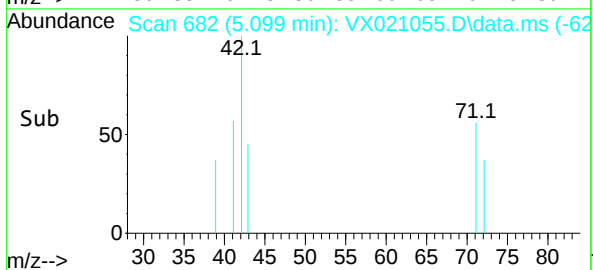
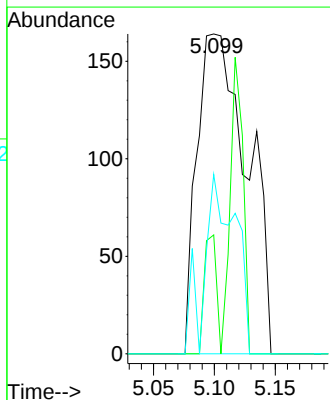
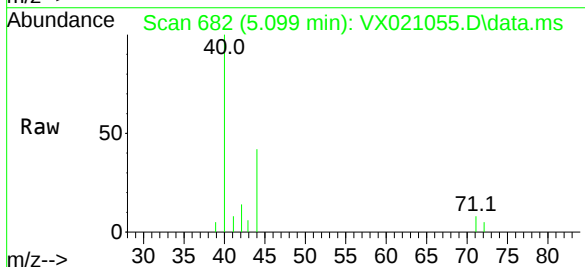
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

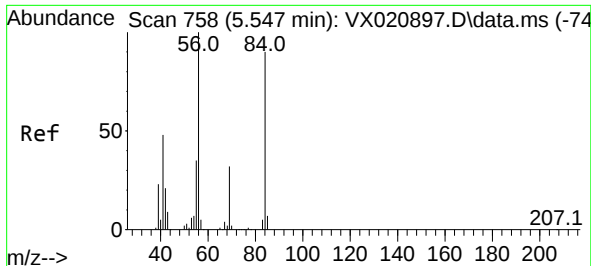
Tgt Ion:	84	Resp:	659
Ion	Ratio	Lower	Upper
84	100		
49	129.3	88.6	132.8
51	37.3	27.0	40.6
86	77.6	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.012 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

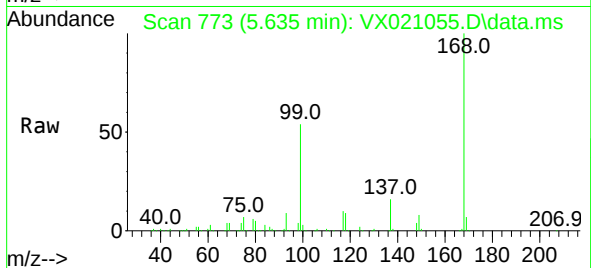
Tgt Ion:	42	Resp:	470
Ion	Ratio	Lower	Upper
42	100		
72	8.9	41.7	62.5#
71	35.1	38.4	57.6#



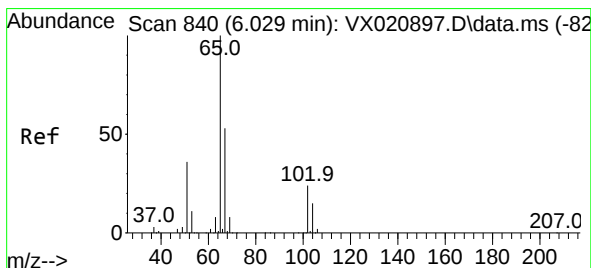
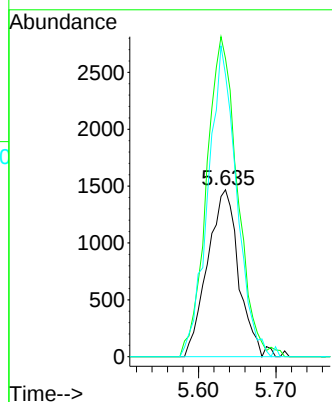
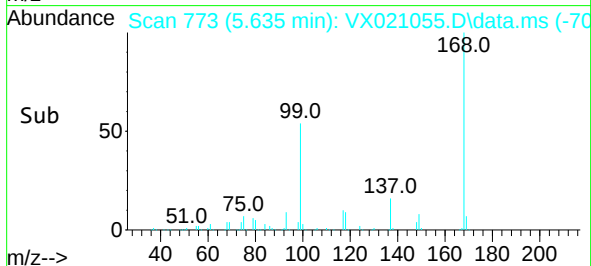


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

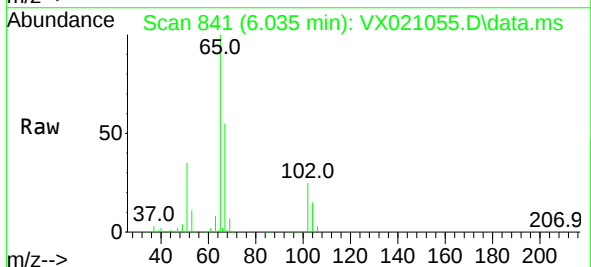
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521



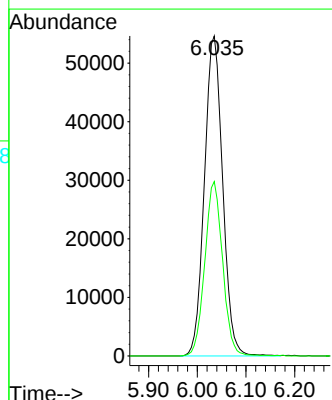
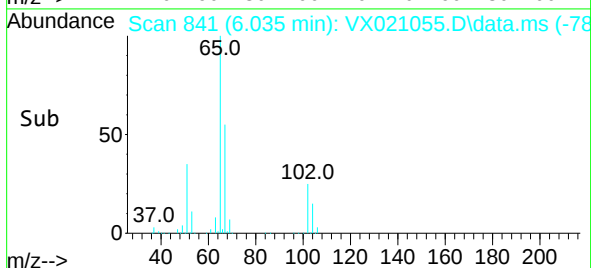
Tgt Ion: 56 Resp: 4122
Ion Ratio Lower Upper
56 100
69 178.7 25.3 37.9#
84 169.1 71.4 107.0#

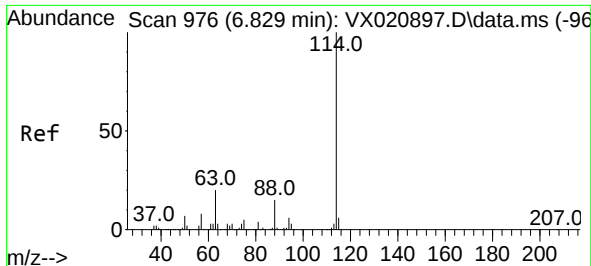


#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12



Tgt Ion: 65 Resp: 142127
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

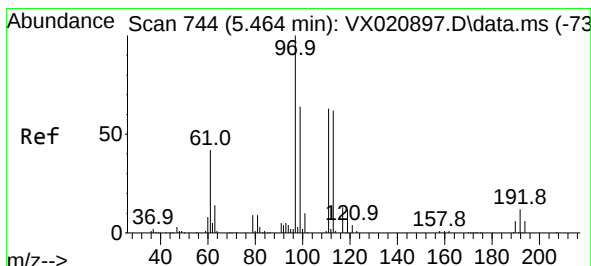
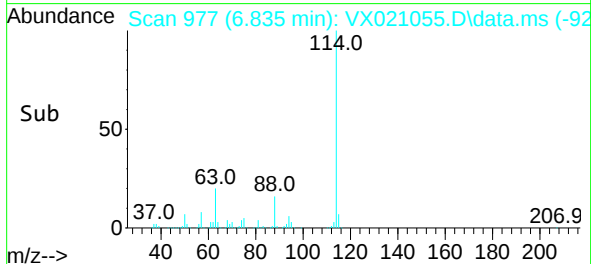
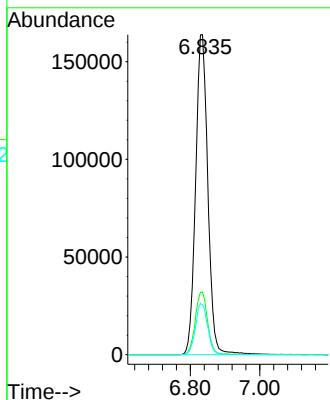
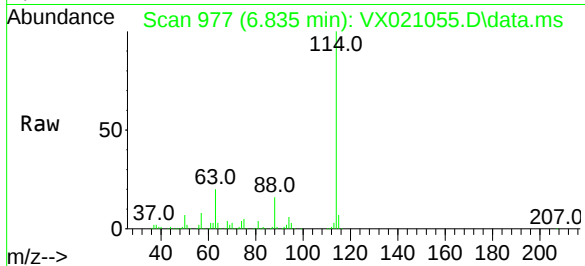




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

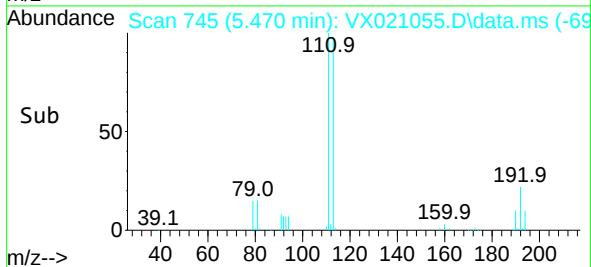
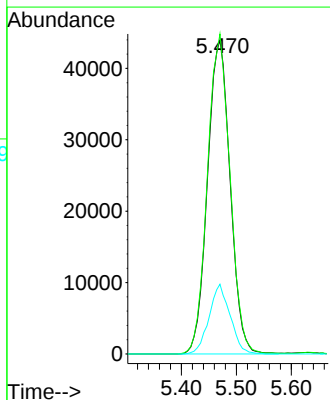
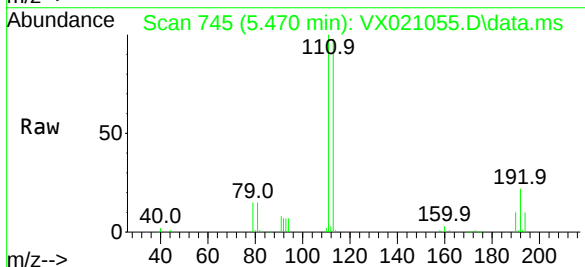
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ClientSampleId :
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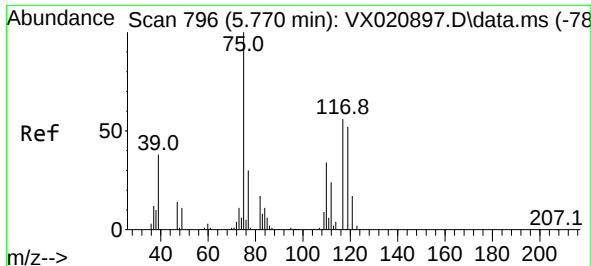
Tgt Ion:114 Resp: 399864
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

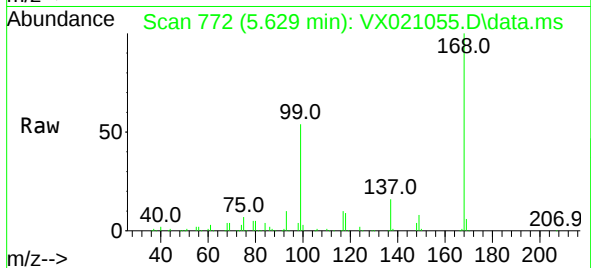
Tgt Ion:113 Resp: 125847
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.6 16.7 25.1



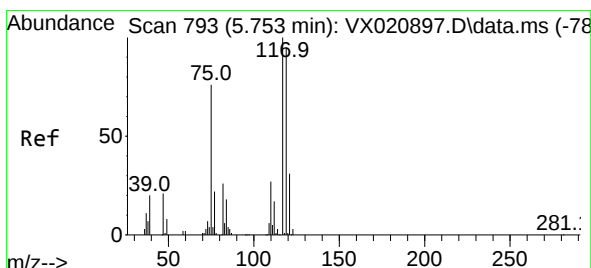
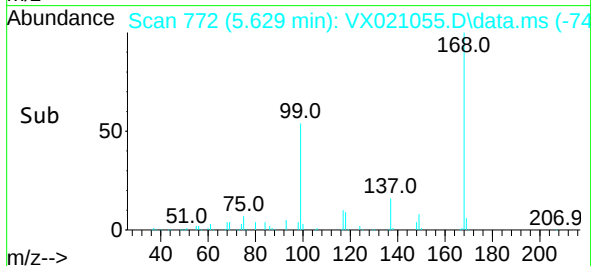
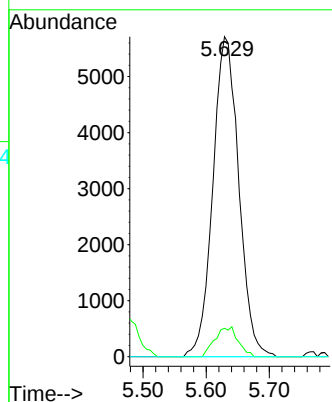


#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

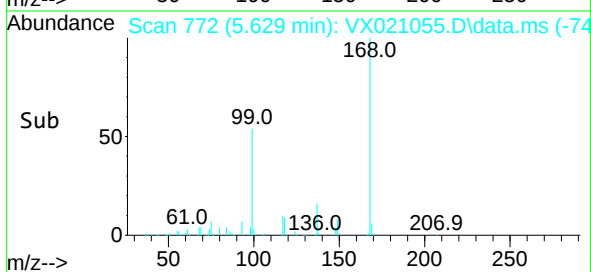
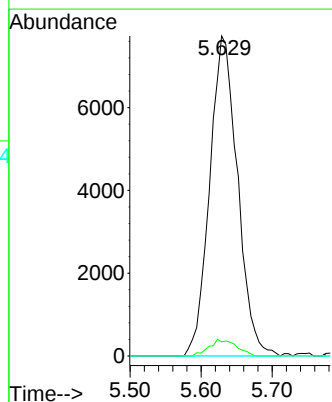
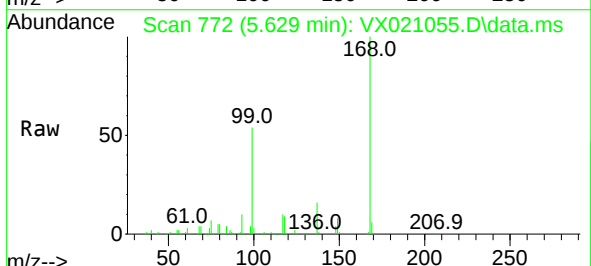


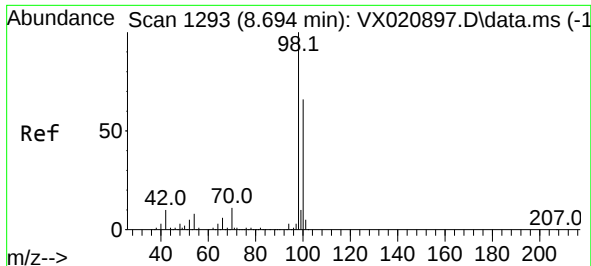
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#

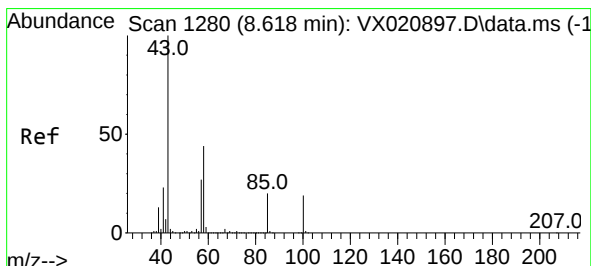
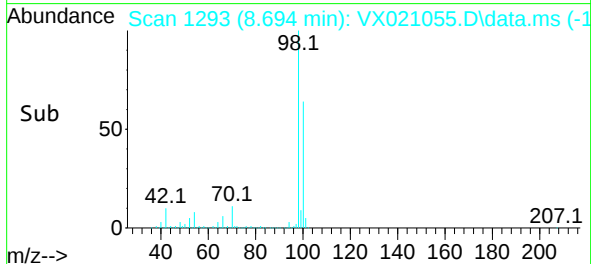
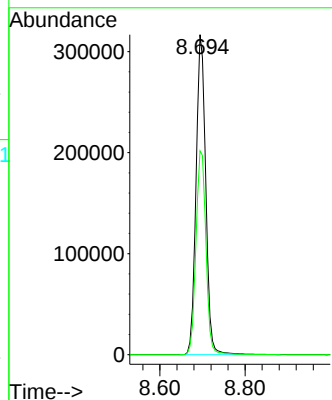
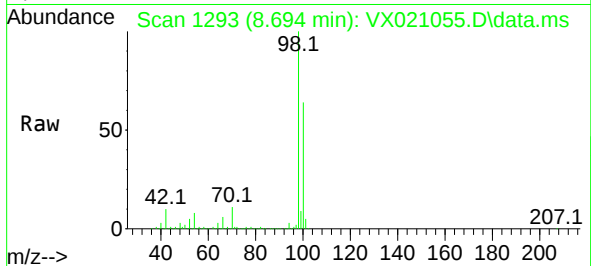




#50
Toluene-d8
Concen: 52.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

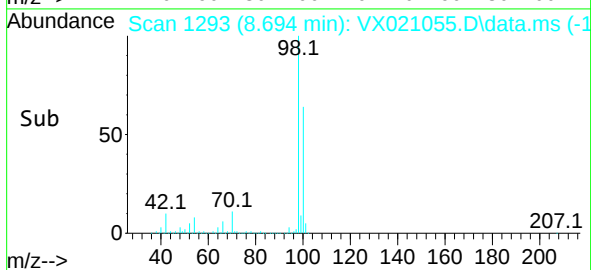
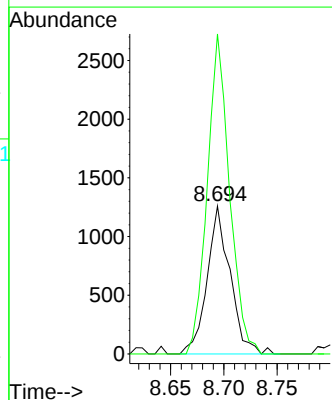
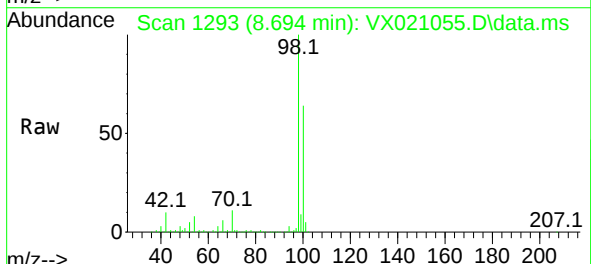
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

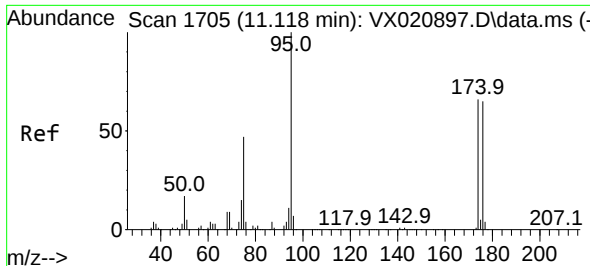
Tgt Ion: 98 Resp: 499128
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 208.6 35.4 53.0#

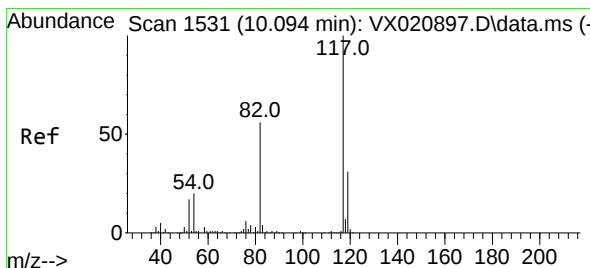
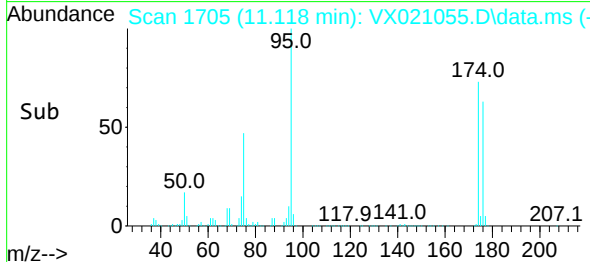
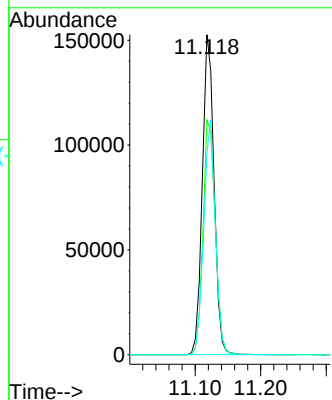
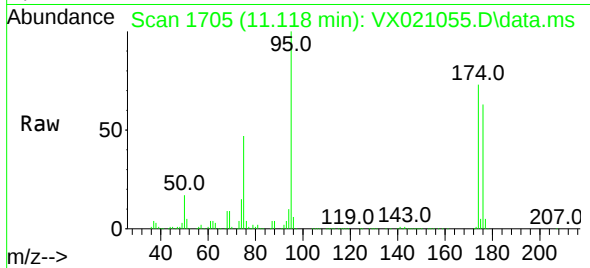




#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

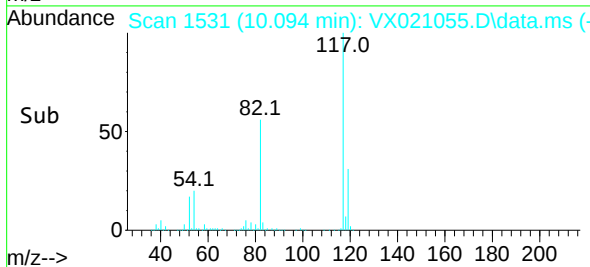
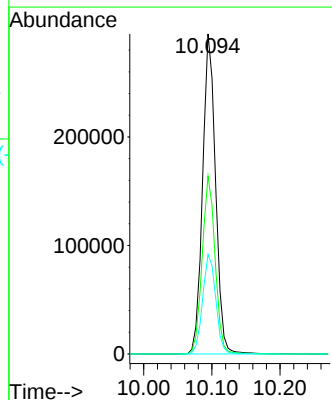
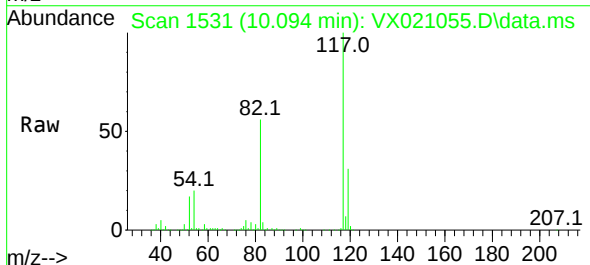
Instrument :
MSVOA_X
ClientSampleId :
FB-01-030521

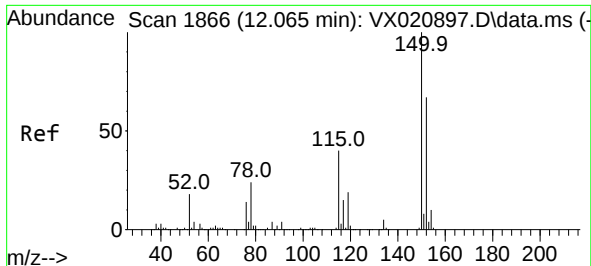
Tgt Ion: 95 Resp: 189521
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021055.D
Acq: 08 Mar 2021 13:12

Tgt Ion: 117 Resp: 389909
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.1 26.6 39.8

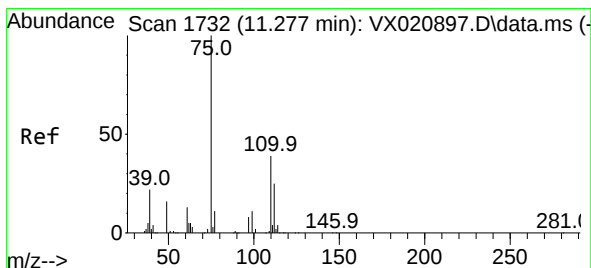
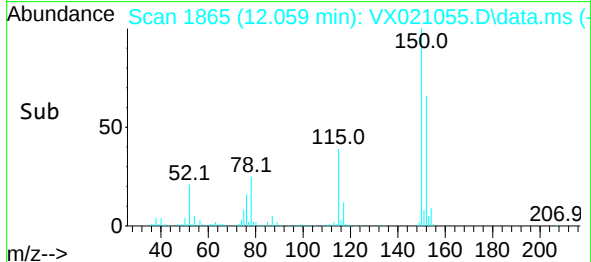
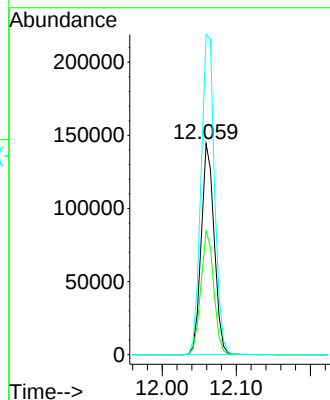
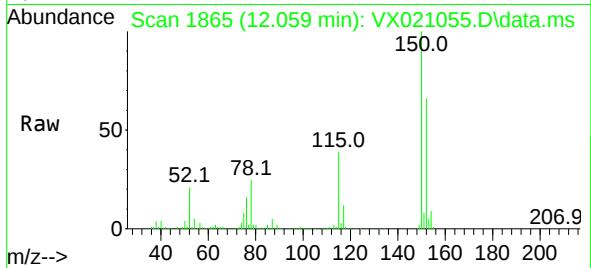




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021055.D
 Acq: 08 Mar 2021 13:12

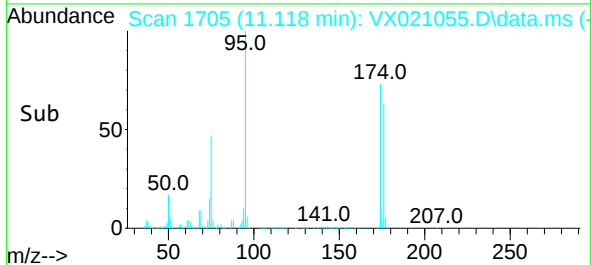
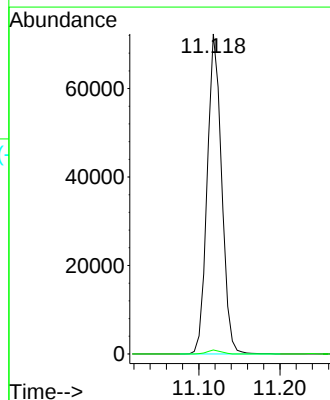
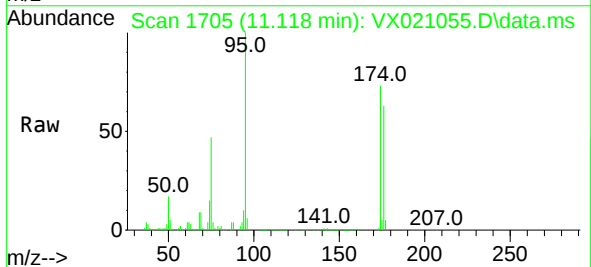
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-030521

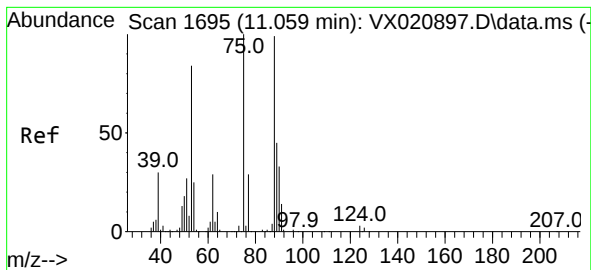
Tgt Ion:152 Resp: 175660
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.55 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021055.D
 Acq: 08 Mar 2021 13:12

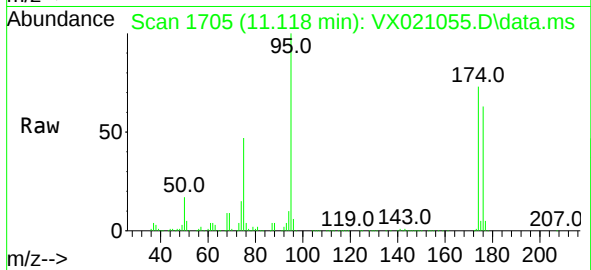
Tgt Ion: 75 Resp: 88994
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.14 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021055.D
 Acq: 08 Mar 2021 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-030521



Tgt Ion: 75 Resp: 88994
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

