

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021147.D
 Acq On : 11 Mar 2021 11:17
 Operator : JC/MD
 Sample : VX0311WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:17:06 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)

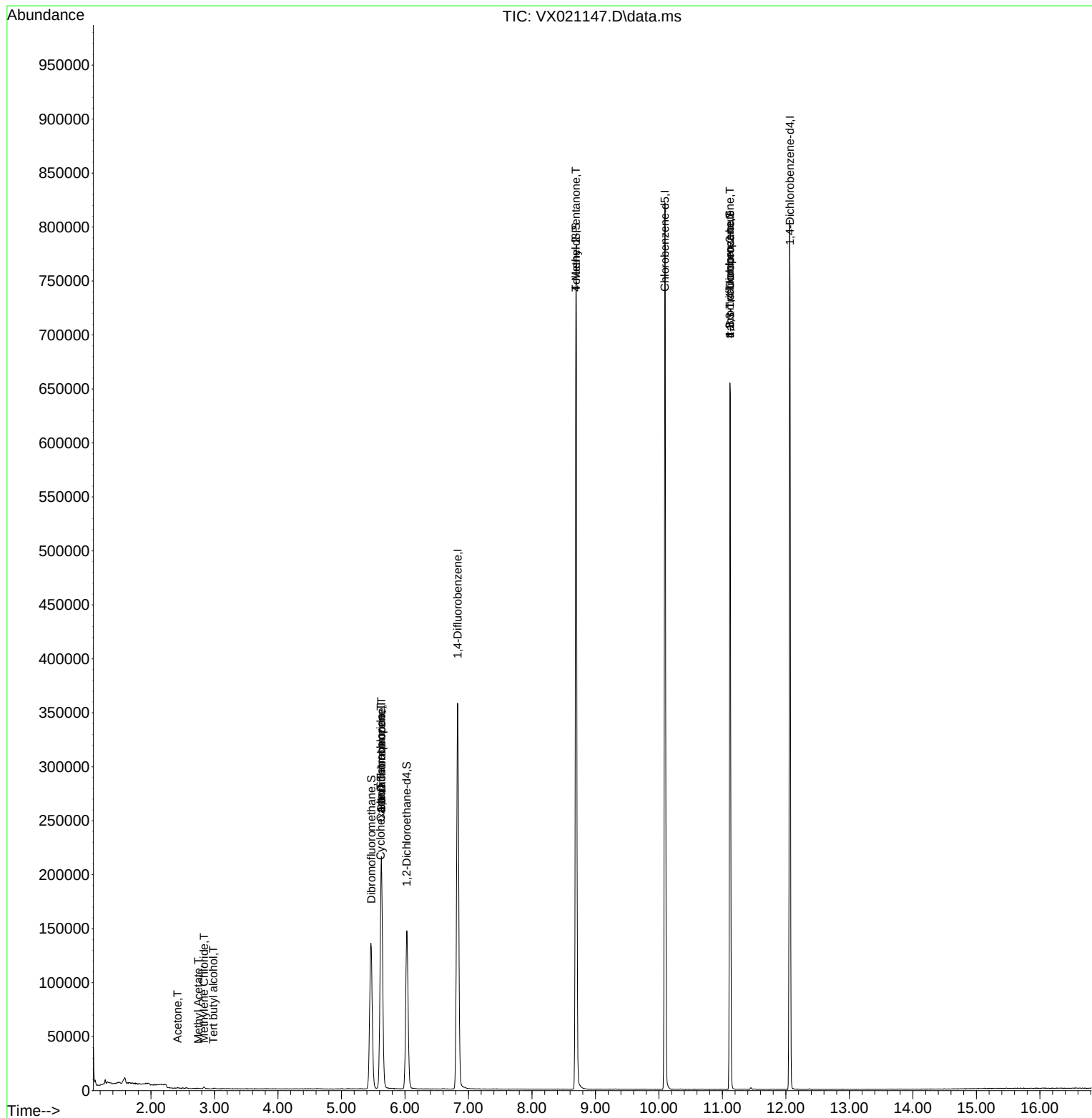
Internal Standards						
1) Pentafluorobenzene	5.629	168	204531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	376923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	381354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	169679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137876	49.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.82%
35) Dibromofluoromethane	5.470	113	120500	52.62	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.24%
50) Toluene-d8	8.694	98	481030	53.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.74%
62) 4-Bromofluorobenzene	11.118	95	184577	55.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.80%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	435	Below Cal		86
11) Tert butyl alcohol	2.981	59	338	0.55 ug/l #		73
16) Acetone	2.417	43	988	0.87 ug/l #		83
18) Methyl Acetate	2.746	43	625	0.23 ug/l #		53
20) Methylene Chloride	2.834	84	808	0.30 ug/l		96
31) Cyclohexane	5.617	56	4058	1.01 ug/l #		9
36) 1,1-Dichloropropene	5.629	75	16018	4.47 ug/l #		48
38) Carbon Tetrachloride	5.623	117	19806	5.71 ug/l #		17
51) 4-Methyl-2-Pentanone	8.694	43	1962	0.58 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	88274	24.18 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	88274	53.54 ug/l #		12

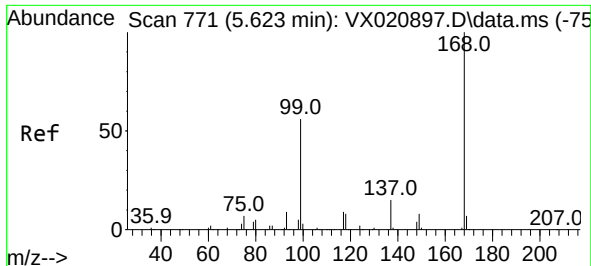
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 02:17:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
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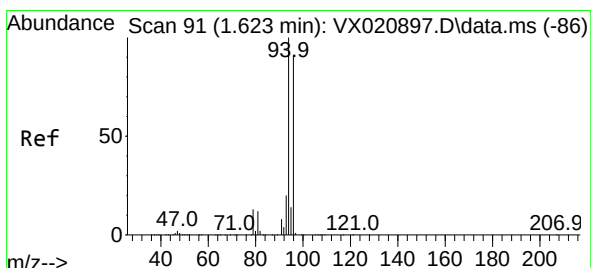
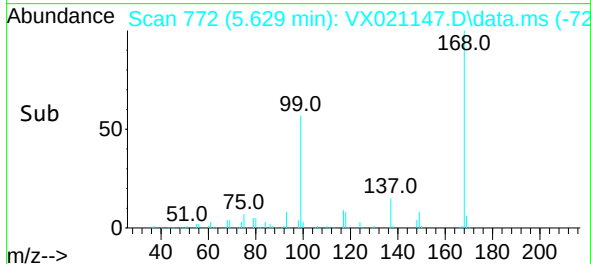
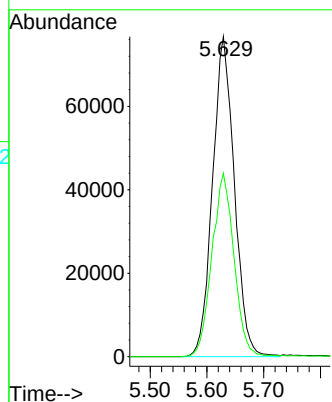
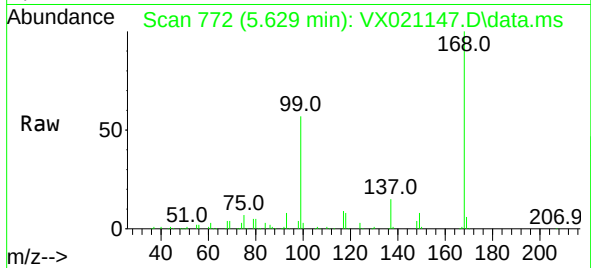




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

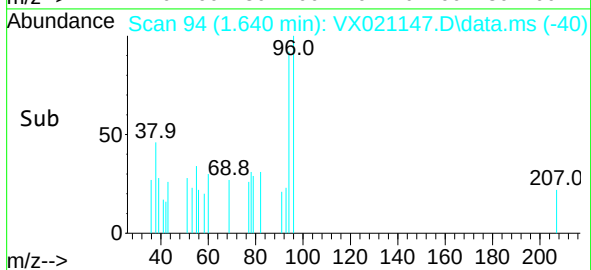
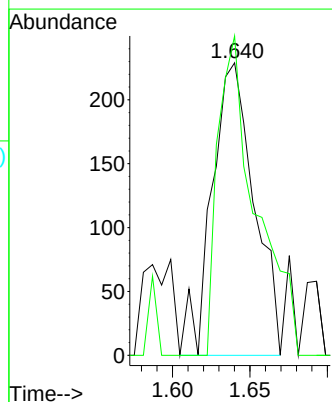
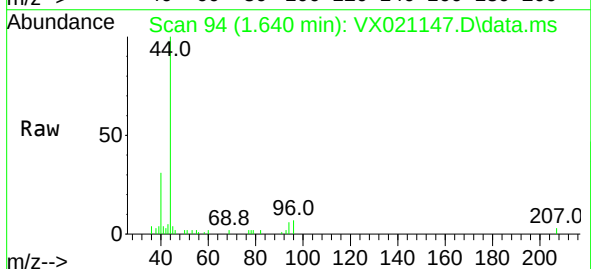
Instrument :
MSVOA_X
ClientSampleId :

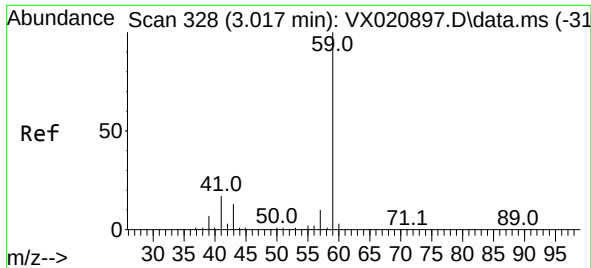
Tgt Ion:168 Resp: 204531
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

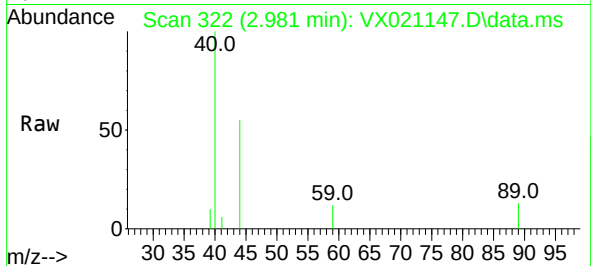
Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 109.2 76.4 114.6



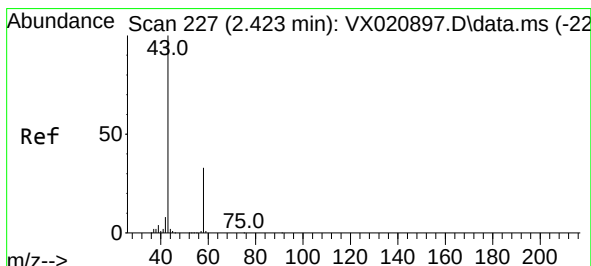
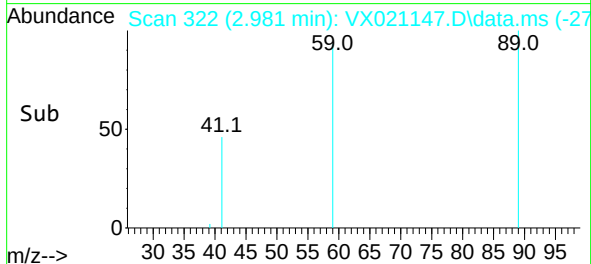
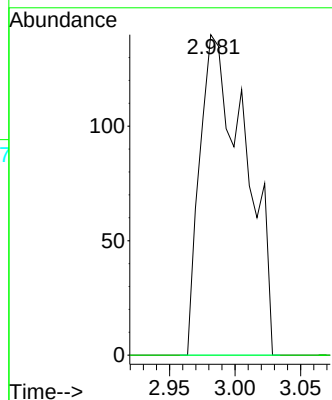


#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 2.981 min Scan# 322
Delta R.T. -0.035 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

Instrument :
MSVOA_X
ClientSampled :

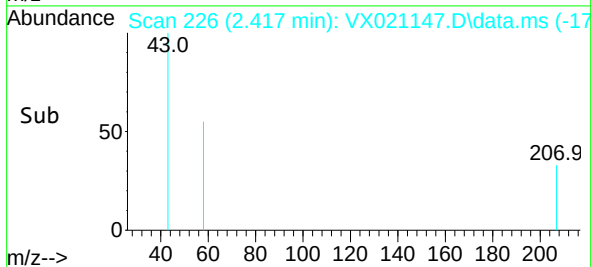
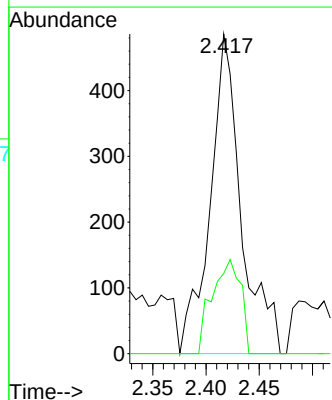
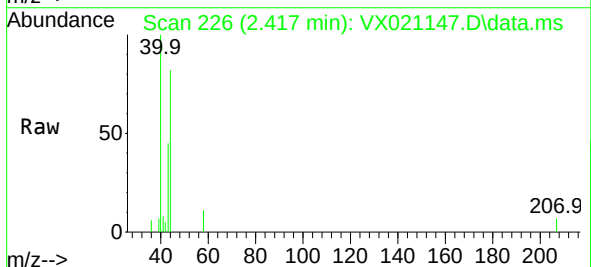


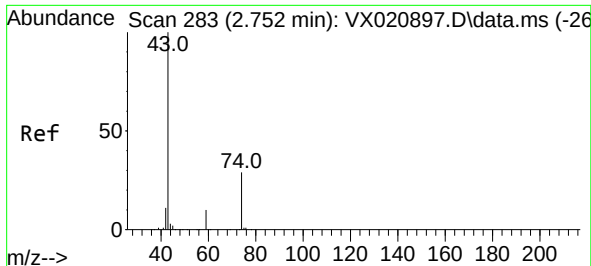
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.87 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#

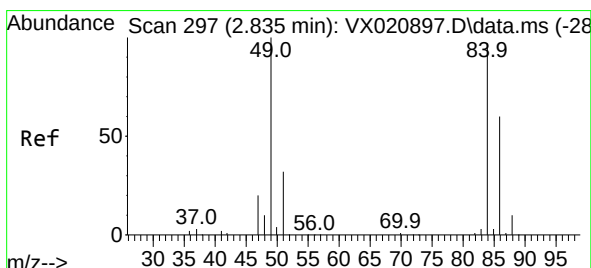
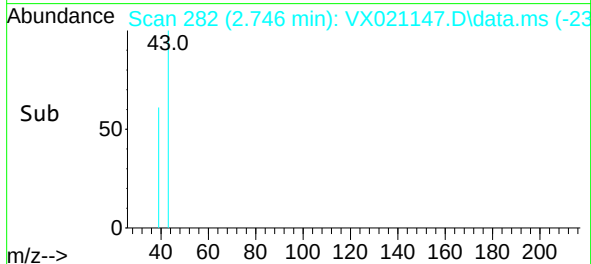
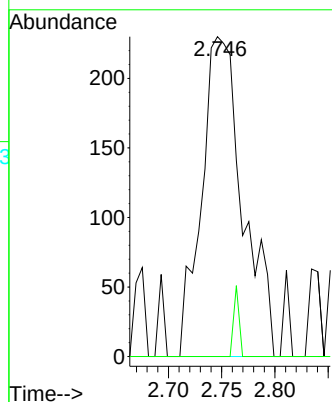
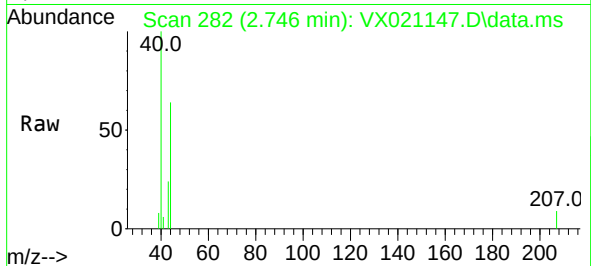




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

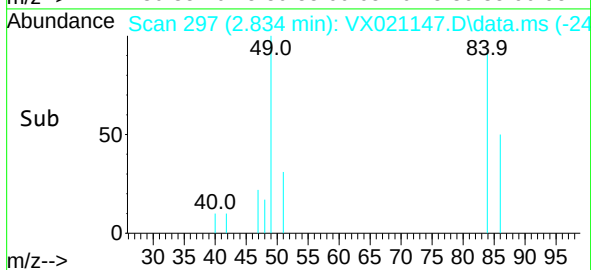
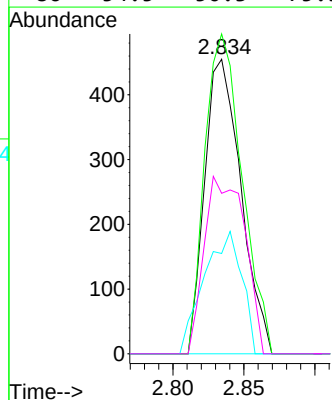
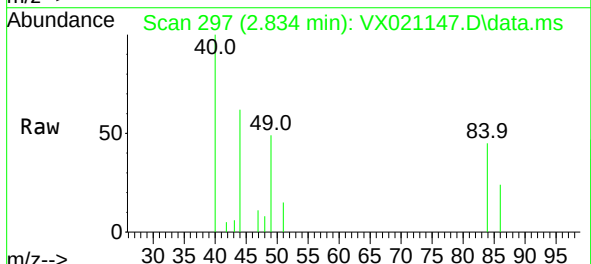
Instrument :
MSVOA_X
ClientSampled :

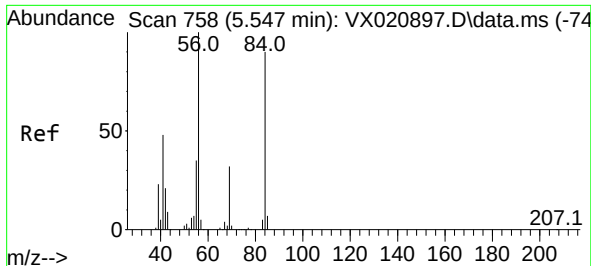
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
74 2.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

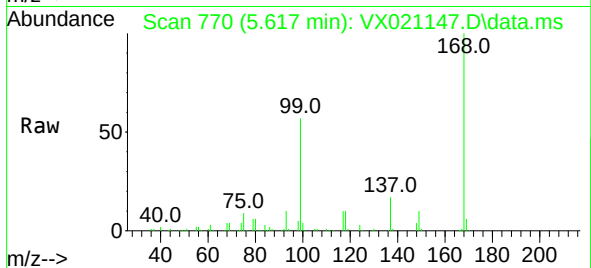
Tgt Ion: 84 Resp: 808
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 34.1 27.0 40.6
86 54.5 50.3 75.5



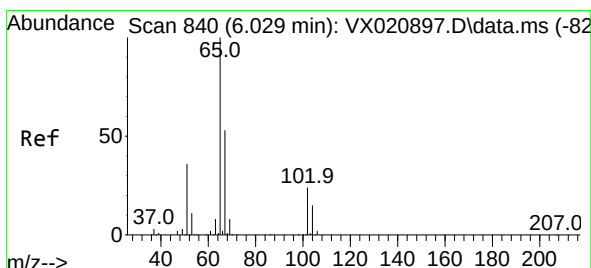
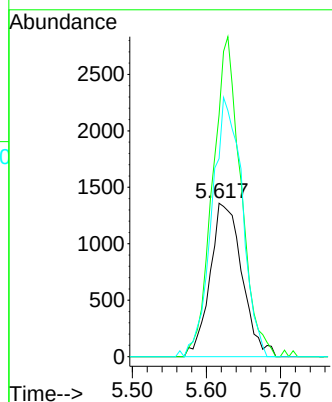
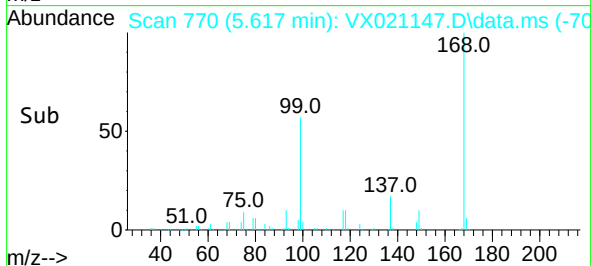


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

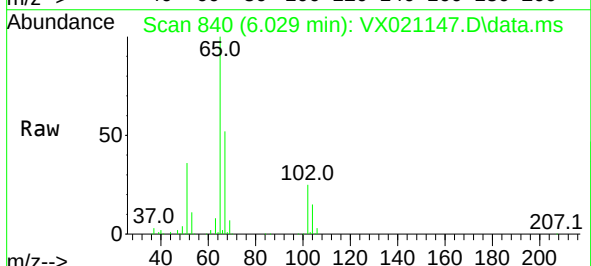
Instrument :
MSVOA_X
ClientSampleId :



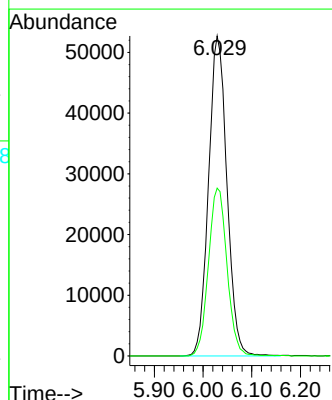
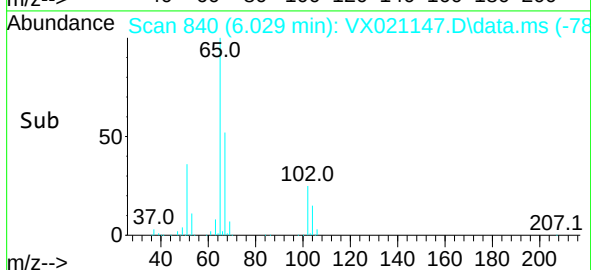
Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 157.5 25.3 37.9#
84 129.1 71.4 107.0#

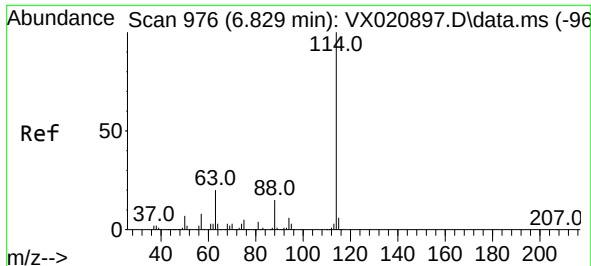


#33
1,2-Dichloroethane-d4
Concen: 49.91 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17



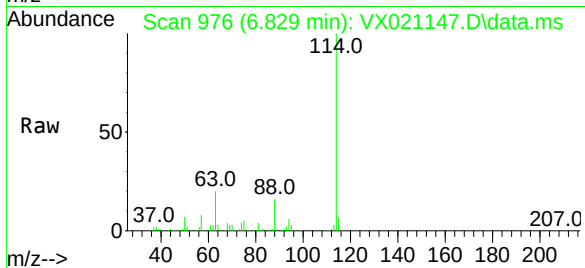
Tgt Ion: 65 Resp: 137876
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



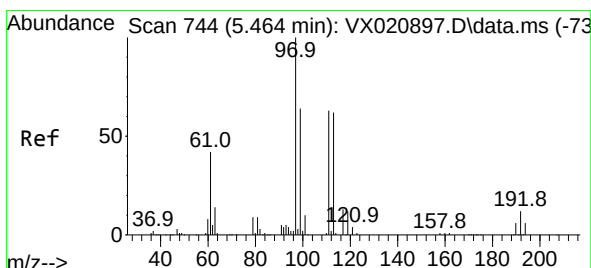
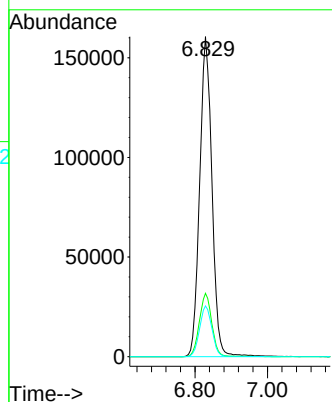
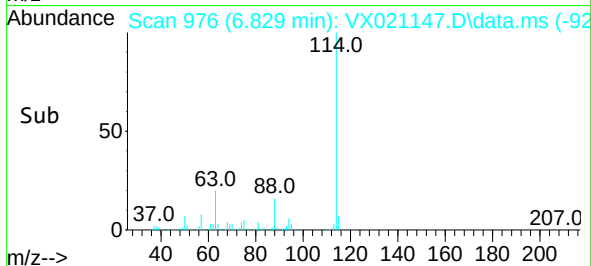


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

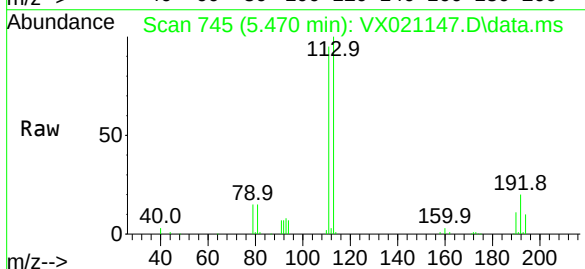
Instrument :
MSVOA_X
ClientSampleId :



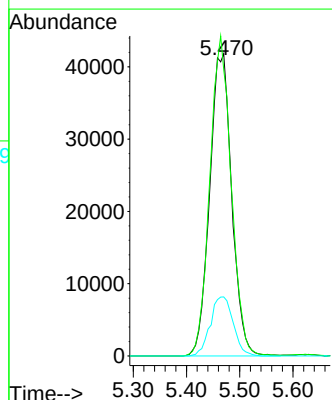
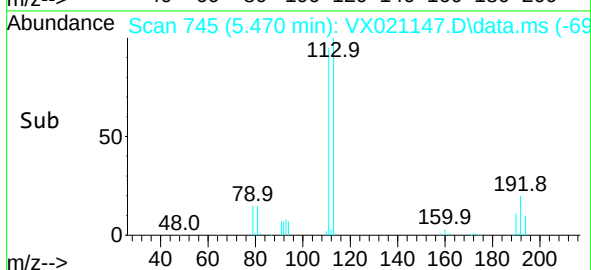
Tgt Ion:114 Resp: 376923
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.9 0.0 32.8

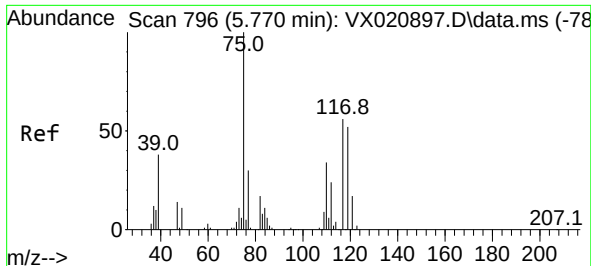


#35
Dibromofluoromethane
Concen: 52.62 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17



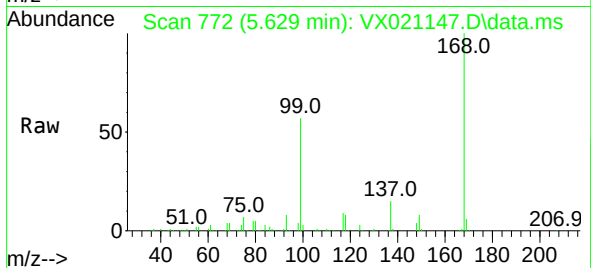
Tgt Ion:113 Resp: 120500
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.2 16.7 25.1



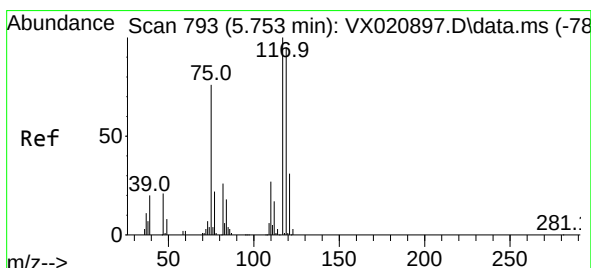
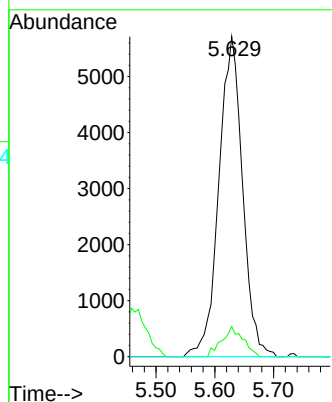
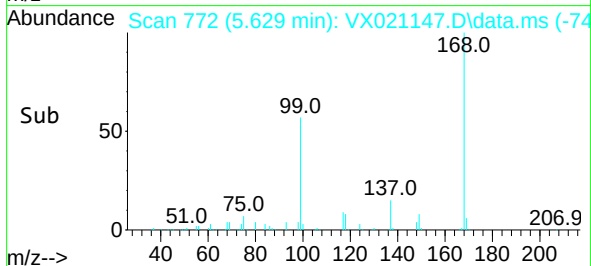


#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

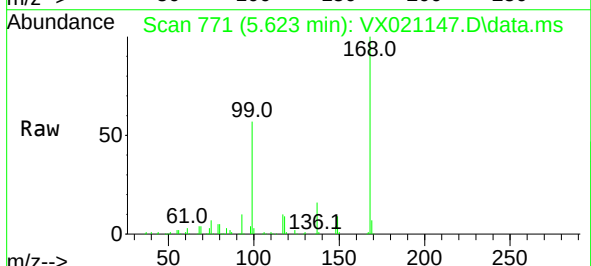
Instrument :
MSVOA_X
ClientSampleId :



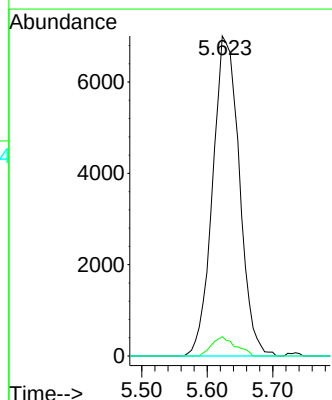
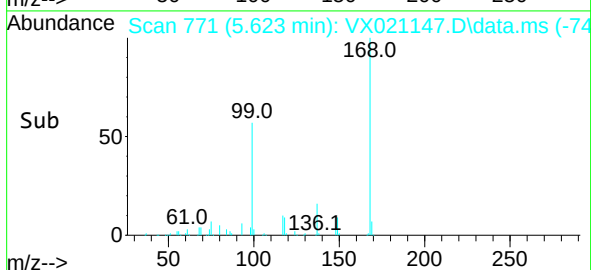
Tgt Ion: 75 Resp: 16018
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

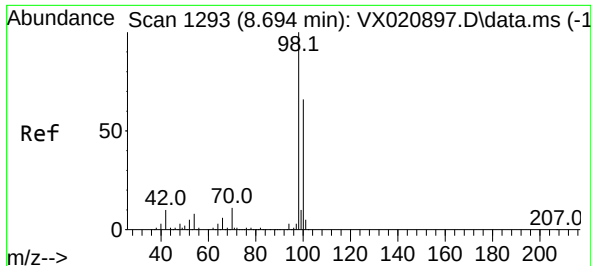


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17



Tgt Ion: 117 Resp: 19806
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

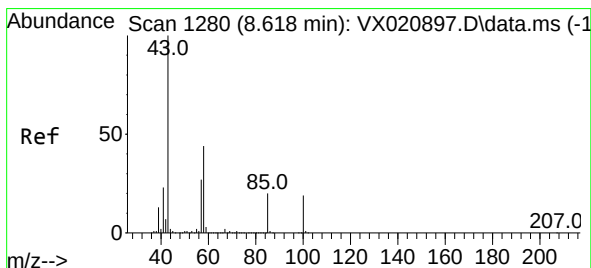
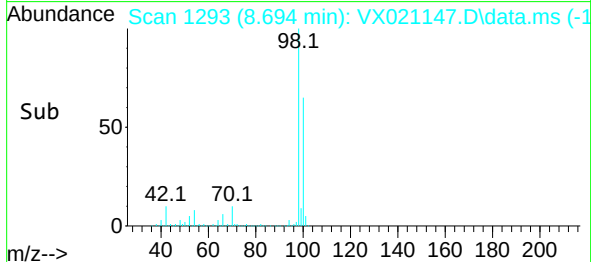
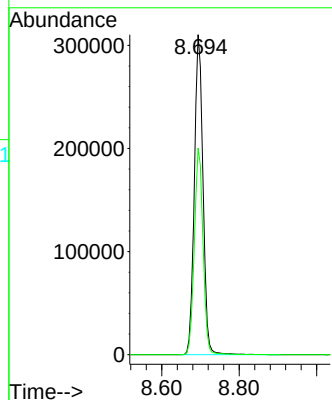
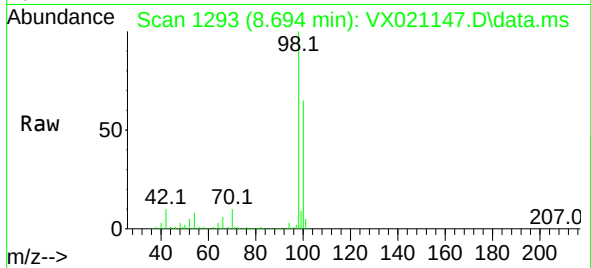




#50
Toluene-d8
Concen: 53.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

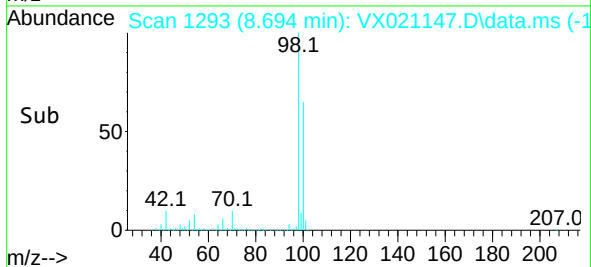
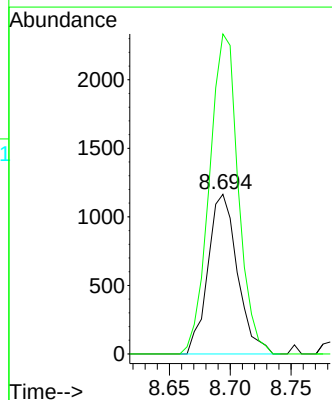
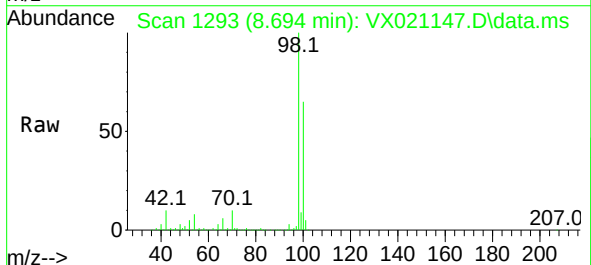
Instrument :
MSVOA_X
ClientSampled :

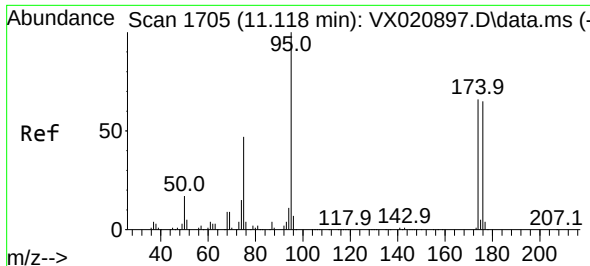
Tgt Ion: 98 Resp: 481030
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 196.6 35.4 53.0#

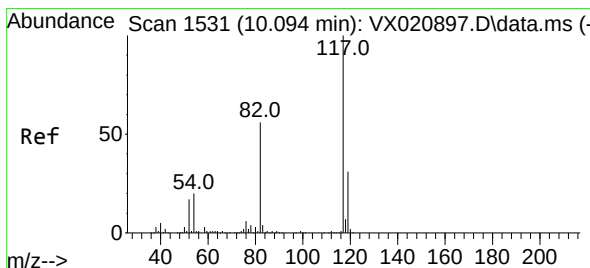
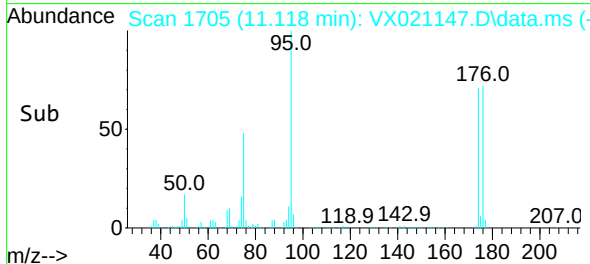
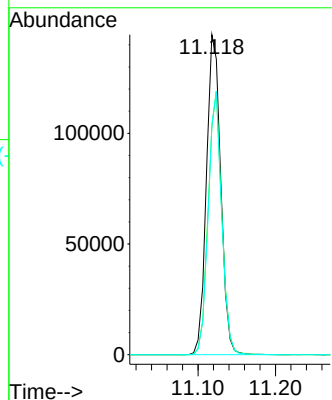
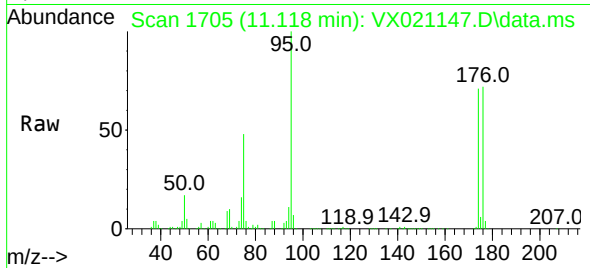




#62
4-Bromofluorobenzene
Concen: 55.90 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

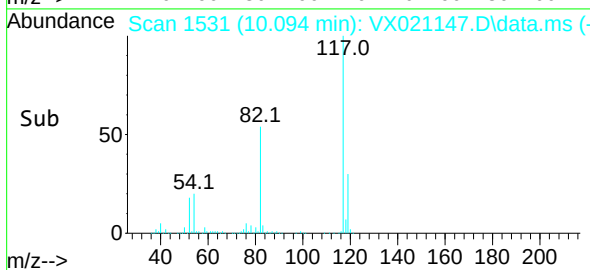
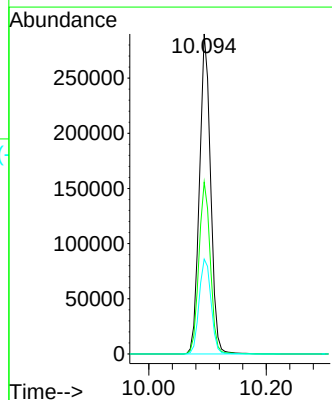
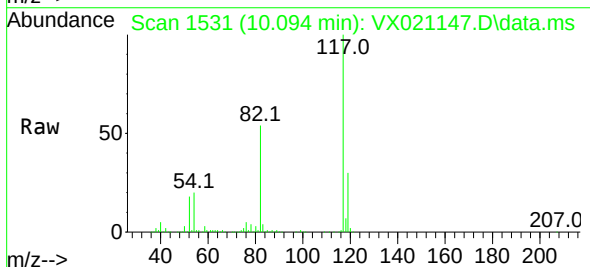
Instrument :
MSVOA_X
ClientSampleId :

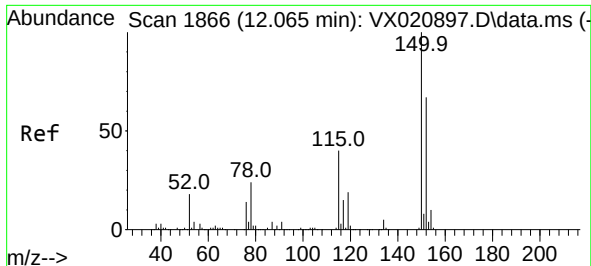
Tgt Ion: 95 Resp: 184577
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021147.D
Acq: 11 Mar 2021 11:17

Tgt Ion: 117 Resp: 381354
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 29.6 26.6 39.8

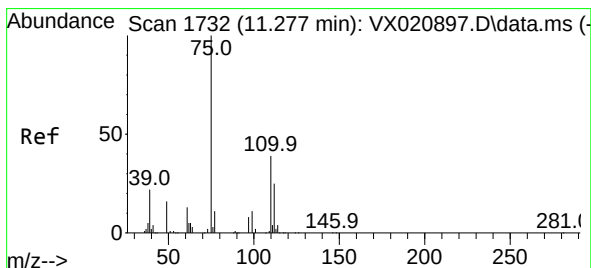
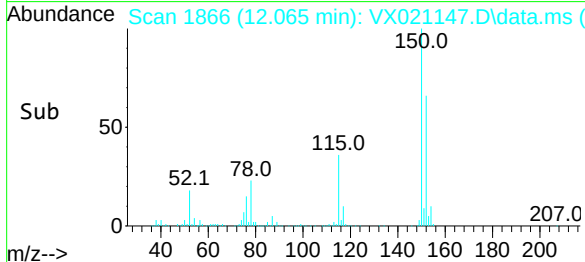
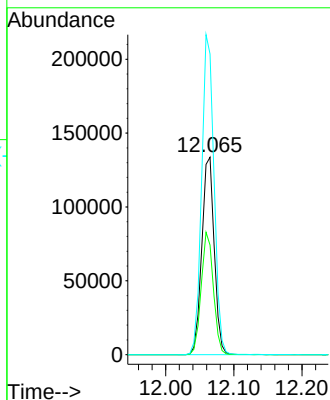
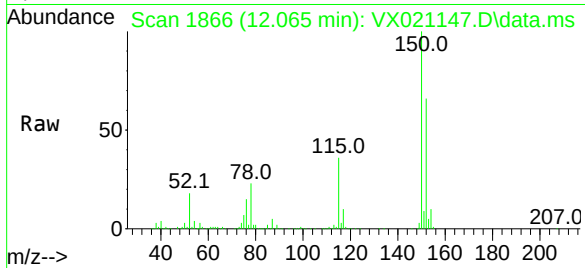




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. -0.000 min
 Lab File: VX021147.D
 Acq: 11 Mar 2021 11:17

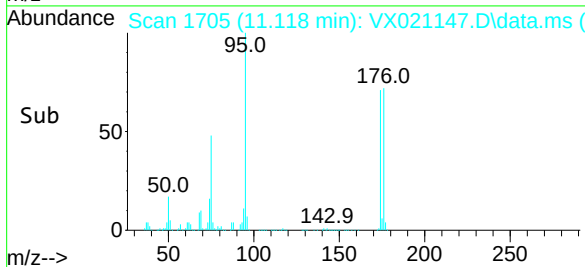
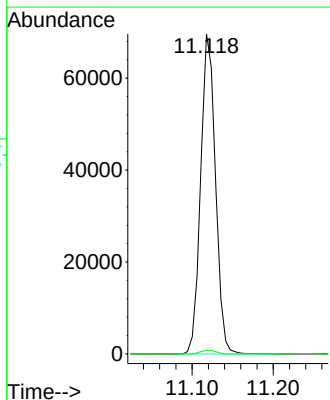
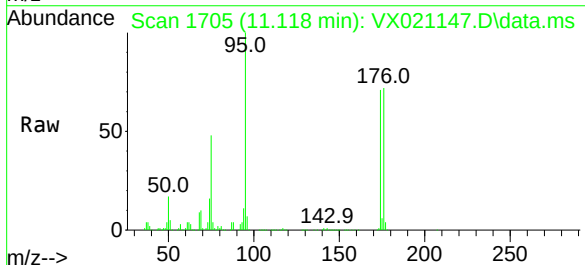
Instrument :
 MSVOA_X
 ClientSampled :

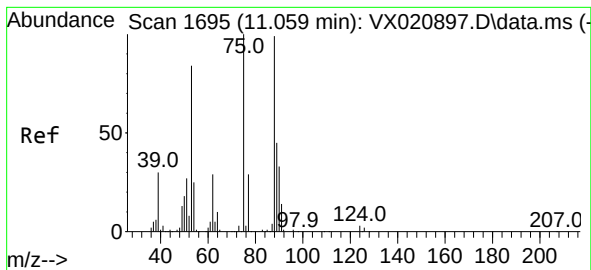
Tgt Ion:152 Resp: 169679
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 161.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.18 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021147.D
 Acq: 11 Mar 2021 11:17

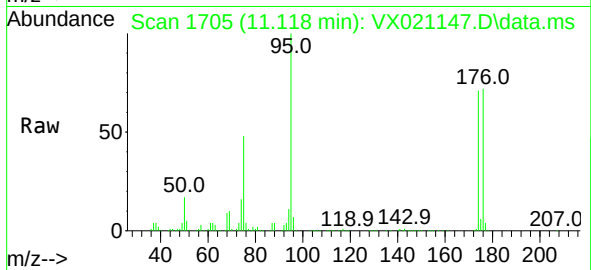
Tgt Ion: 75 Resp: 88274
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.54 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021147.D
 Acq: 11 Mar 2021 11:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 88274
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

