

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020979.D
 Acq On : 02 Mar 2021 21:00
 Operator : JC/MD
 Sample : M1545-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Mar 03 01:19:22 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)

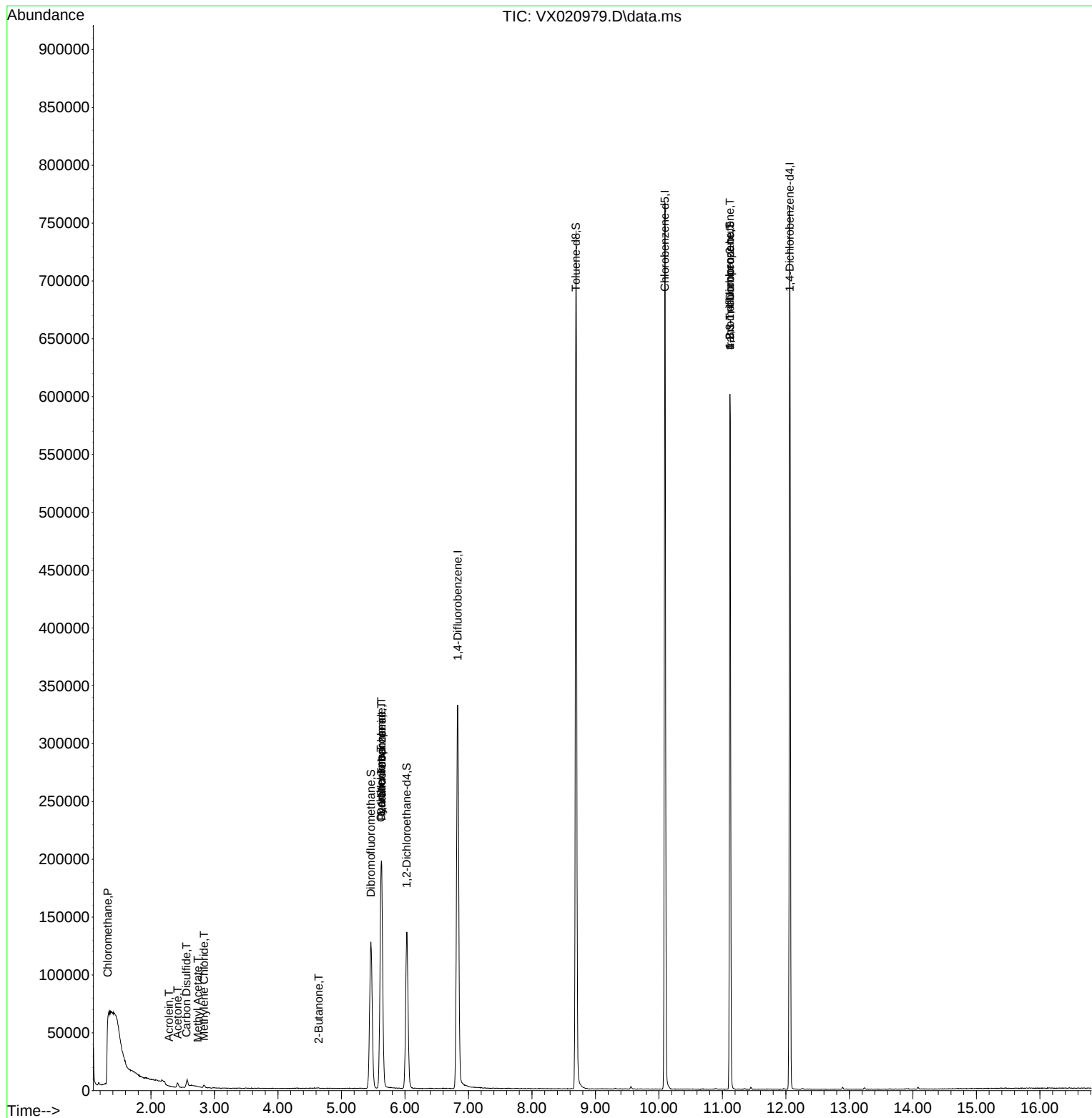
Internal Standards						
1) Pentafluorobenzene	5.635	168	195376	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	365374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	359155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	156477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128388	48.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.30%
35) Dibromofluoromethane	5.464	113	112003	50.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.90%
50) Toluene-d8	8.694	98	450019	51.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.98%
62) 4-Bromofluorobenzene	11.118	95	173369	54.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.34%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1824	0.78	ug/l #	51
5) Bromomethane	1.646	94	281	Below Cal	#	69
13) Acrolein	2.282	56	134	0.37	ug/l #	45
16) Acetone	2.417	43	3859	3.55	ug/l	97
17) Carbon Disulfide	2.558	76	1863	0.30	ug/l	97
18) Methyl Acetate	2.740	43	584	0.23	ug/l #	47
20) Methylene Chloride	2.835	84	956	0.37	ug/l #	82
25) 2-Butanone	4.641	43	391	0.24	ug/l #	45
31) Cyclohexane	5.623	56	3642	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14618	4.21	ug/l #	49
38) Carbon Tetrachloride	5.629	117	19311	5.74	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	80055	23.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	80055	52.65	ug/l #	12

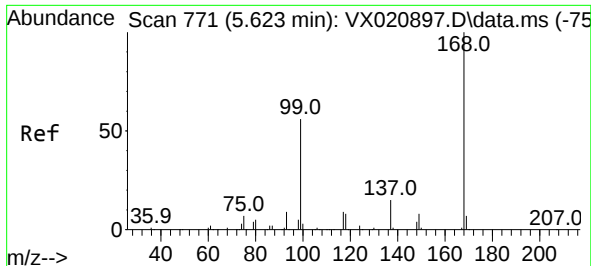
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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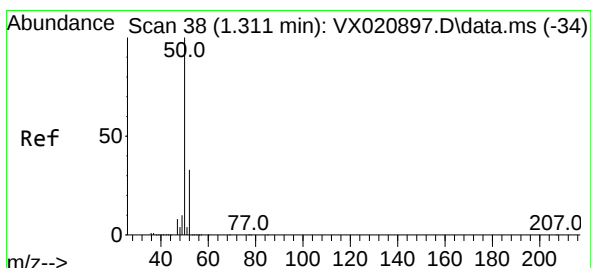
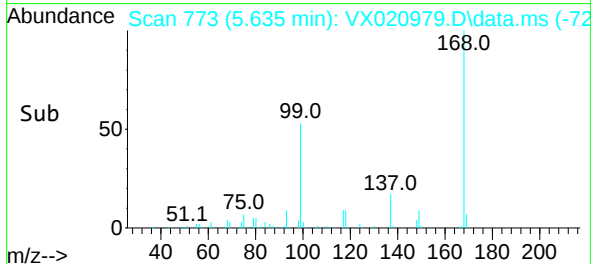
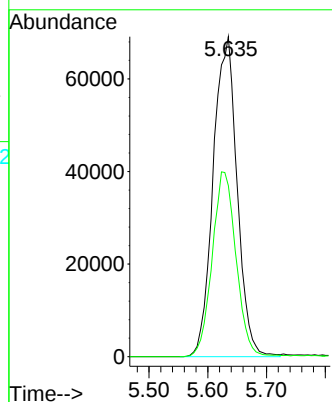
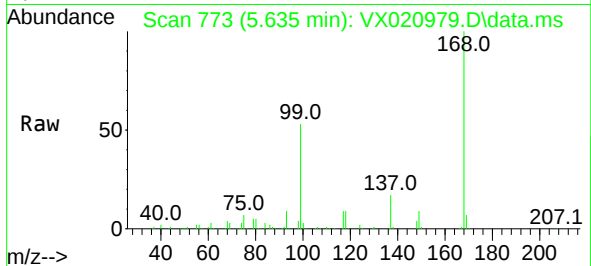




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

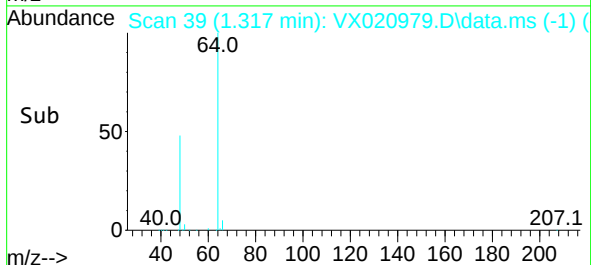
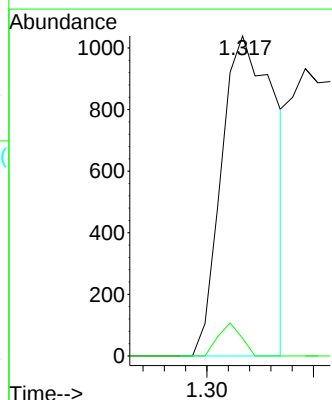
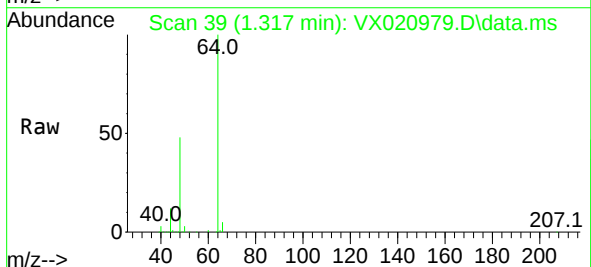
Instrument :
MSVOA_X
ClientSampleId :
MH-G

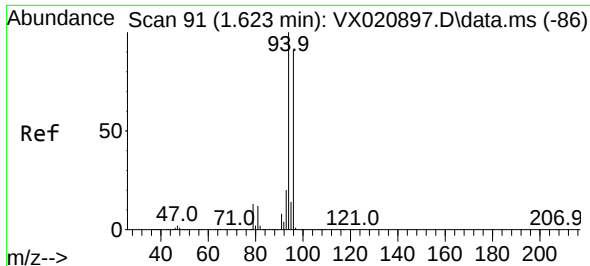
Tgt Ion:168 Resp: 195376
Ion Ratio Lower Upper
168 100
99 53.4 45.8 68.6



#3
Chloromethane
Concen: 0.78 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 50 Resp: 1824
Ion Ratio Lower Upper
50 100
52 5.6 26.4 39.6#

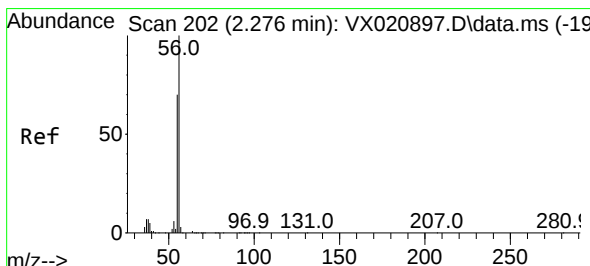
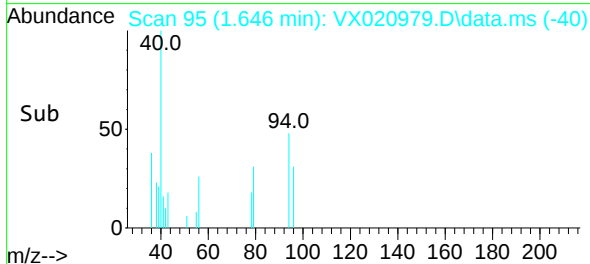
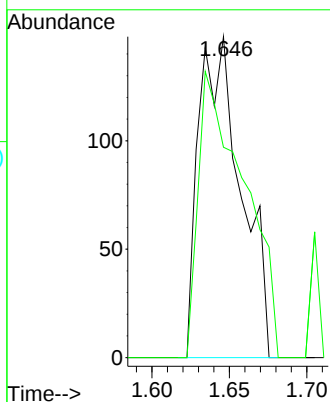
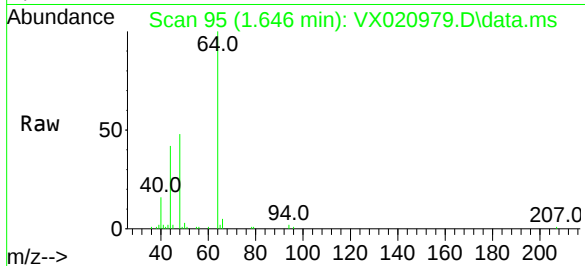




#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

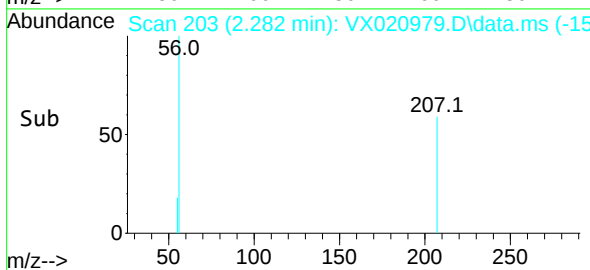
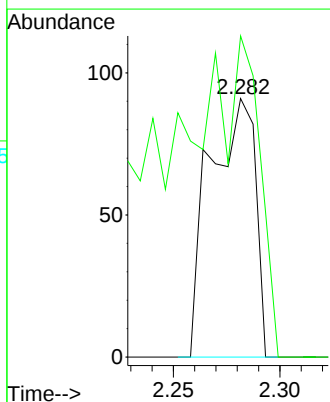
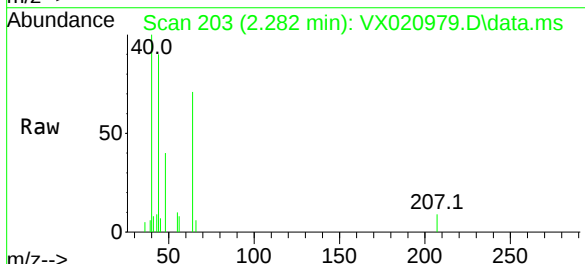
Instrument :
MSVOA_X
ClientSampleId :
MH-G

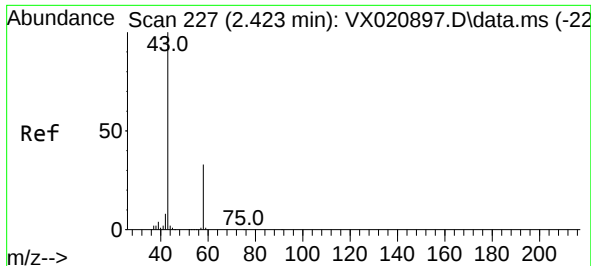
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 65.5 76.4 114.6#



#13
Acrolein
Concen: 0.37 ug/l
RT: 2.282 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 115.7 56.4 84.6#

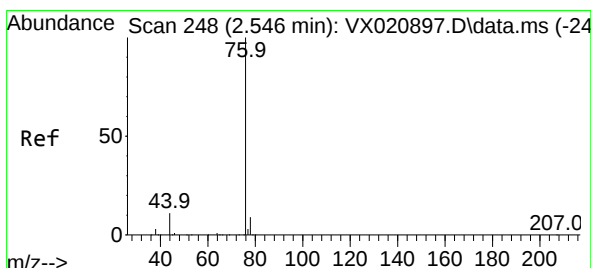
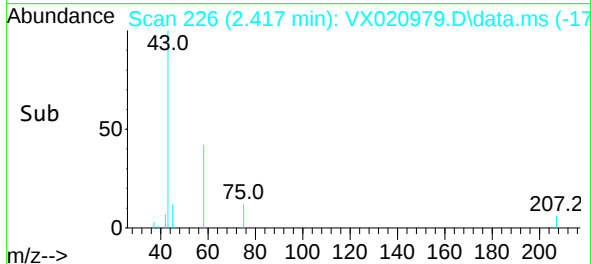
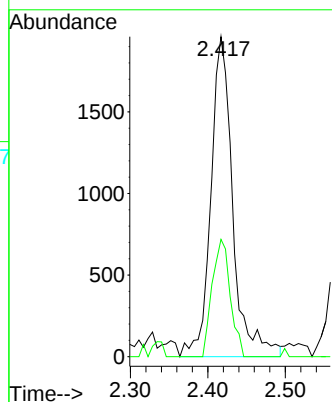
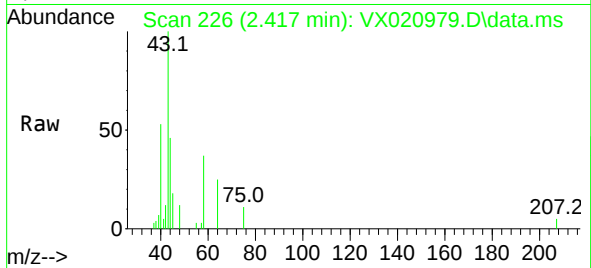




#16
Acetone
Concen: 3.55 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

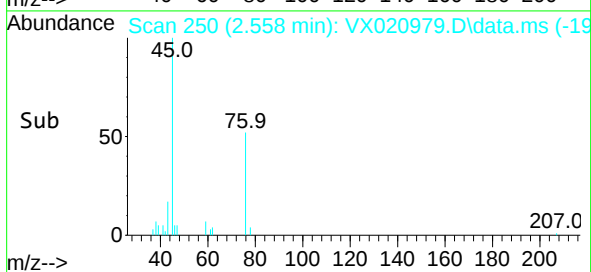
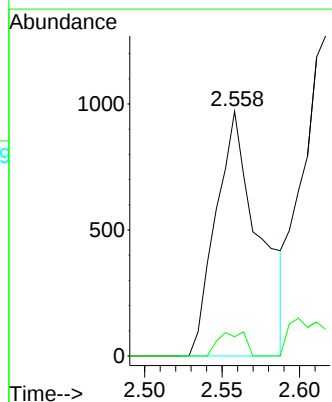
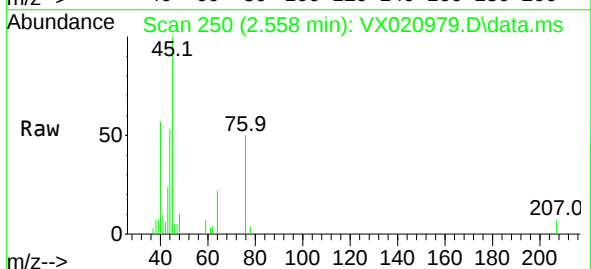
Instrument :
MSVOA_X
ClientSampleId :
MH-G

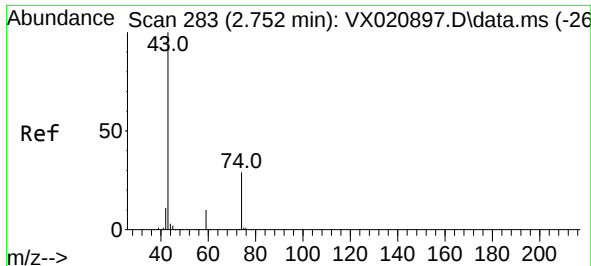
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.012 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 76 Resp: 1863
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8

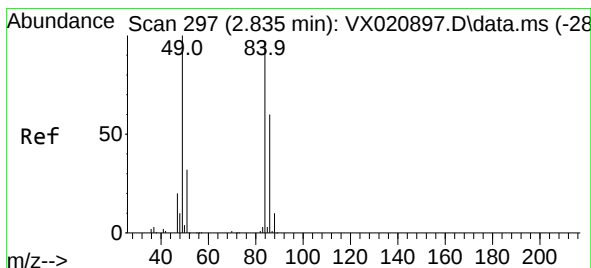
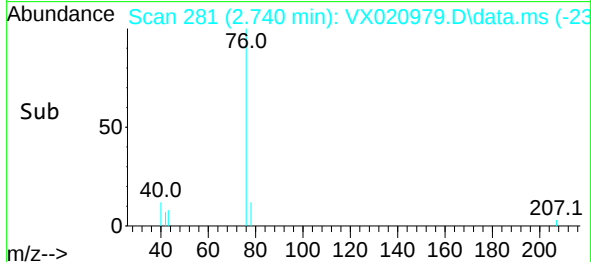
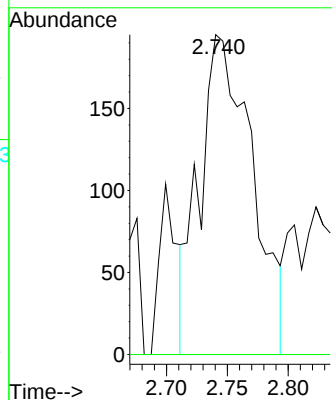
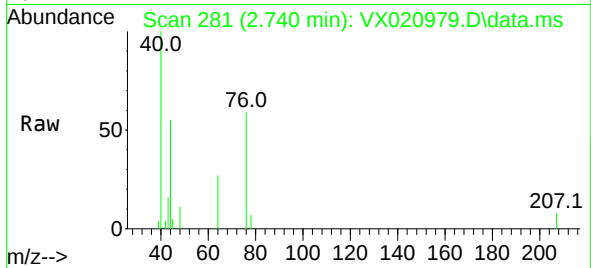




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.740 min Scan# 281
Delta R.T. -0.012 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

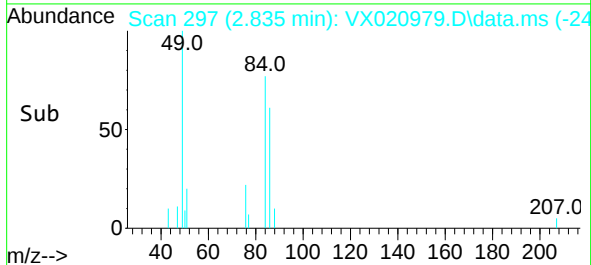
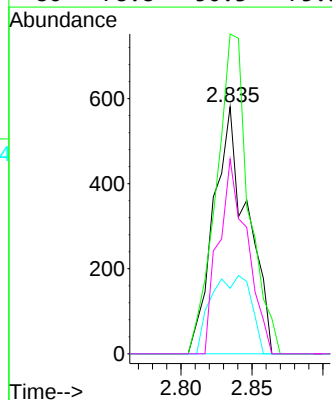
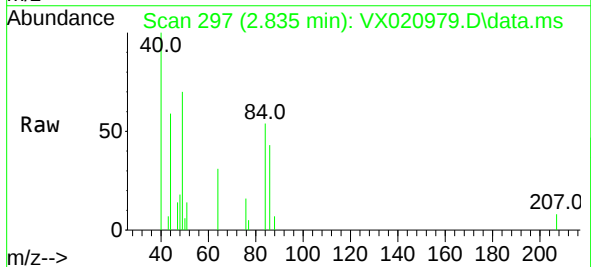
Instrument :
MSVOA_X
ClientSampleId :
MH-G

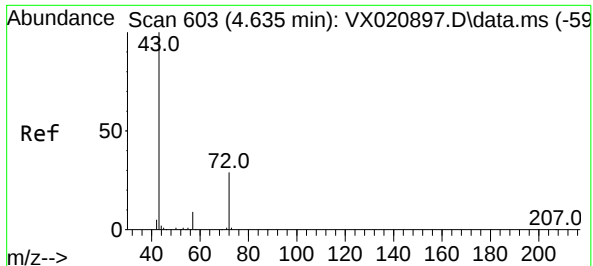
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 84 Resp: 956
Ion Ratio Lower Upper
84 100
49 129.4 88.6 132.8
51 26.5 27.0 40.6#
86 78.8 50.3 75.5#

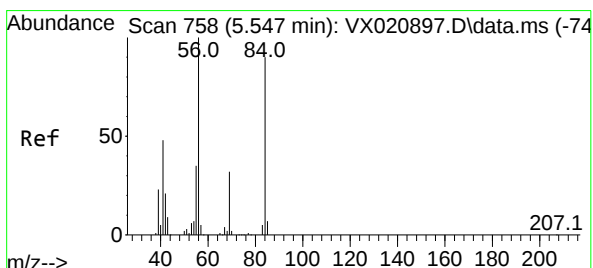
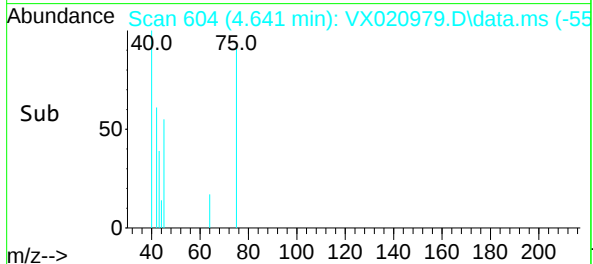
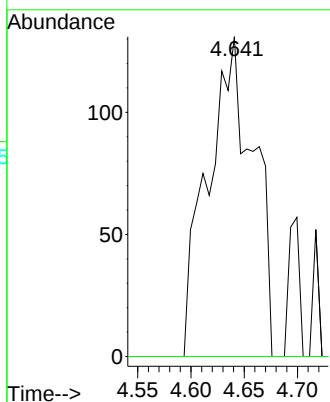
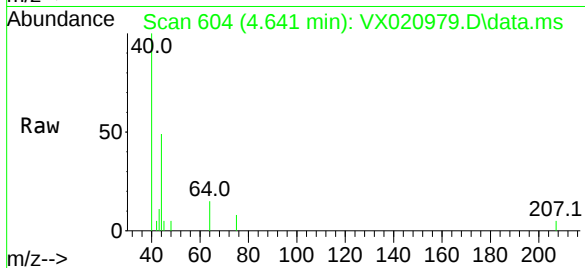




#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

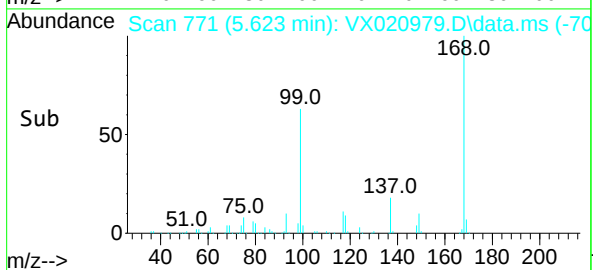
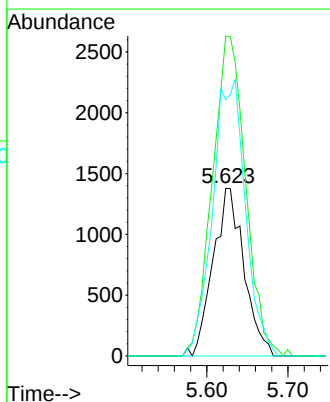
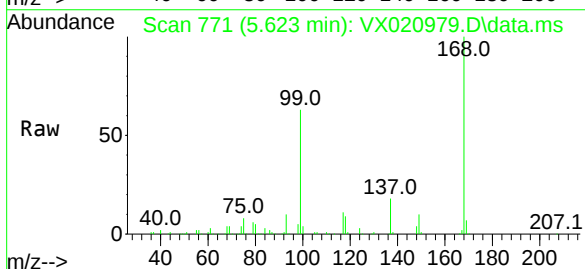
Instrument :
MSVOA_X
ClientSampled :
MH-G

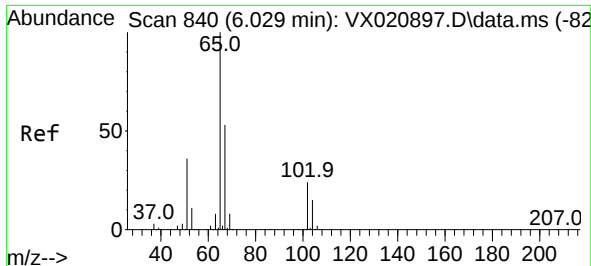
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.077 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 56 Resp: 3642
Ion Ratio Lower Upper
56 100
69 190.9 25.3 37.9#
84 152.8 71.4 107.0#

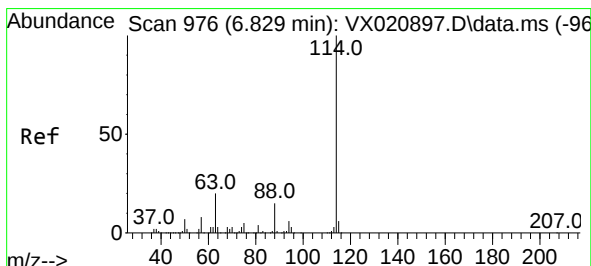
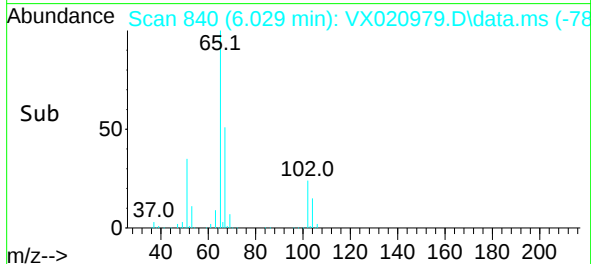
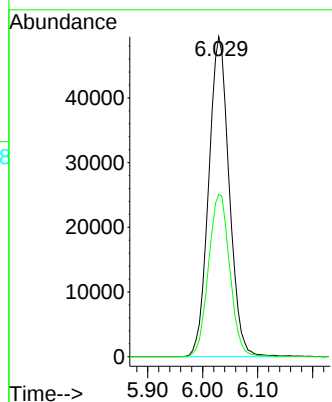
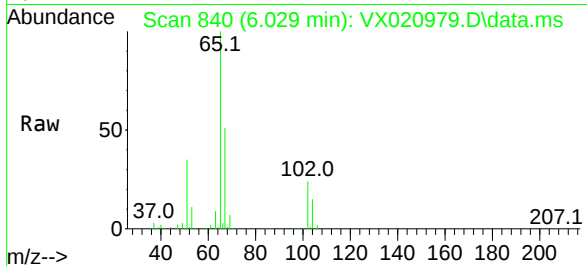




#33
1,2-Dichloroethane-d4
Concen: 48.65 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

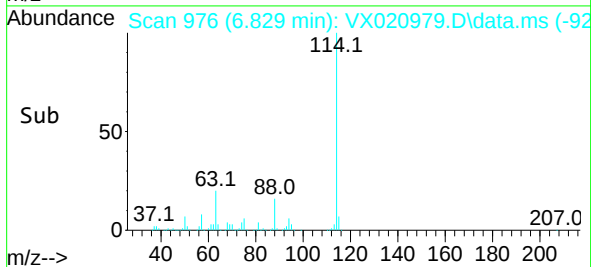
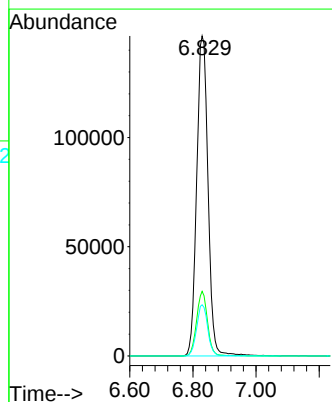
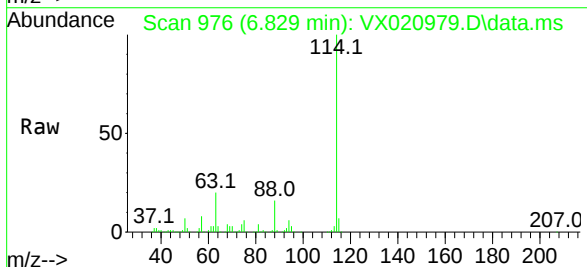
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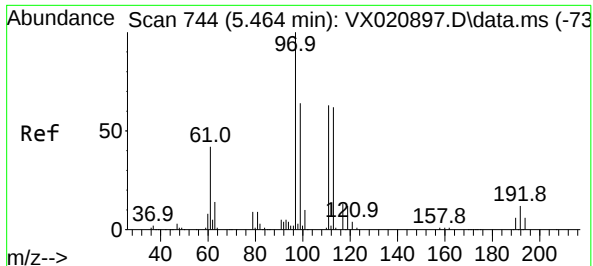
Tgt Ion: 65 Resp: 128388
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 114 Resp: 365374
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.0 0.0 32.8

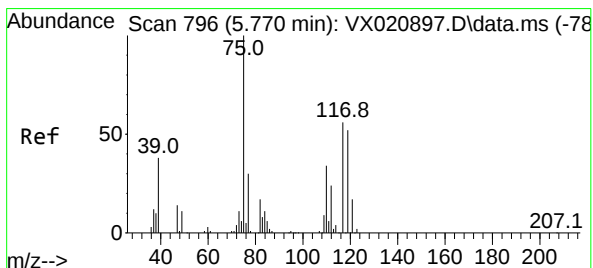
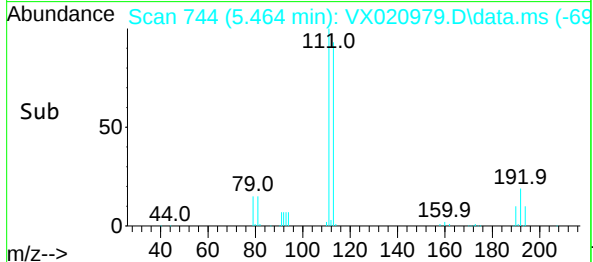
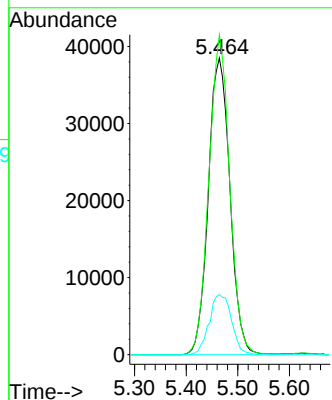
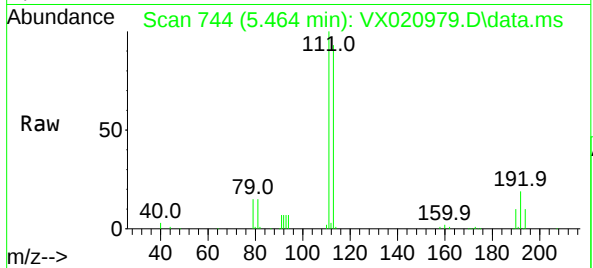




#35
Dibromofluoromethane
Concen: 50.45 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

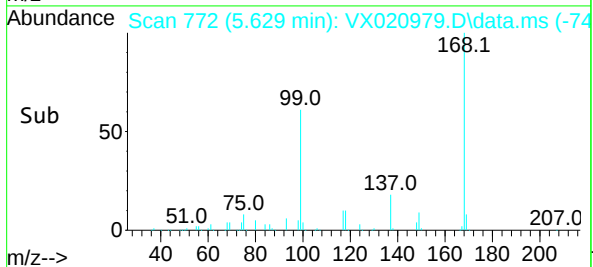
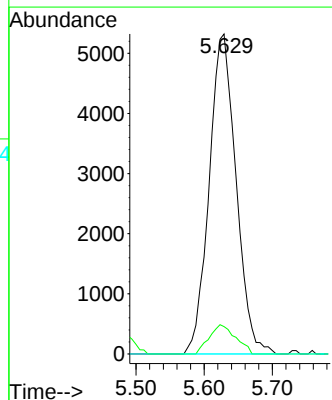
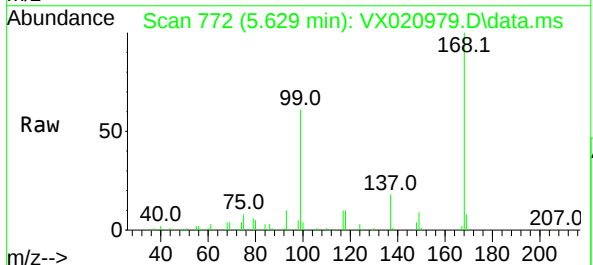
Instrument :
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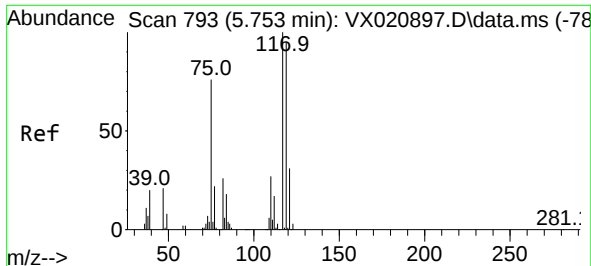
Tgt Ion:113 Resp: 112003
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 75 Resp: 14618
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#

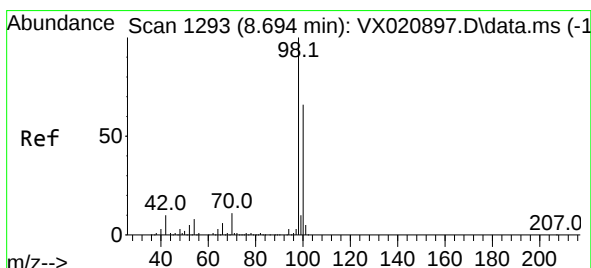
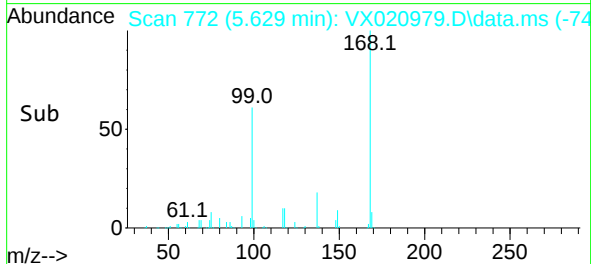
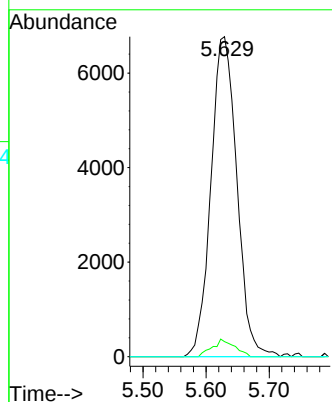
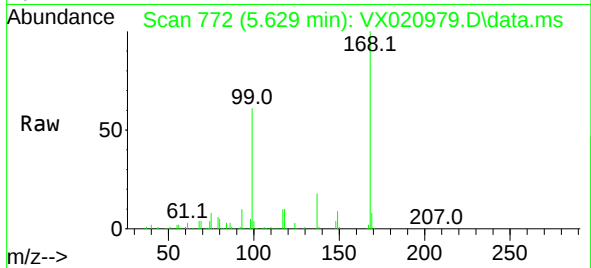




#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

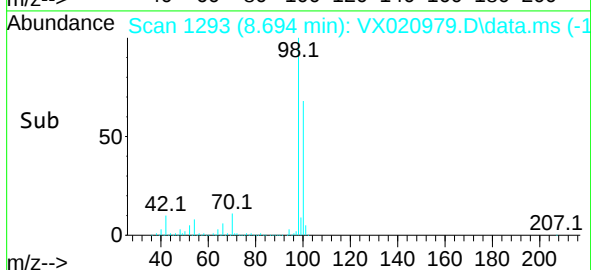
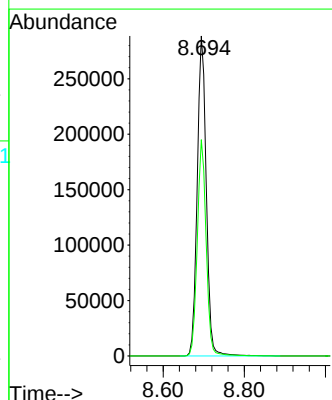
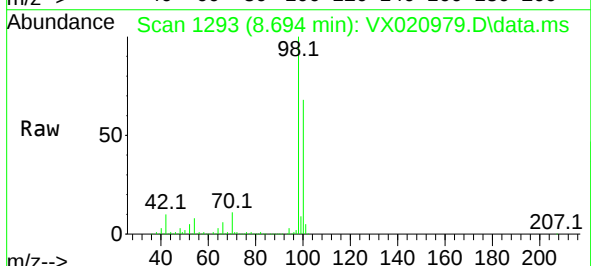
Instrument :
MSVOA_X
ClientSampleId :
MH-G

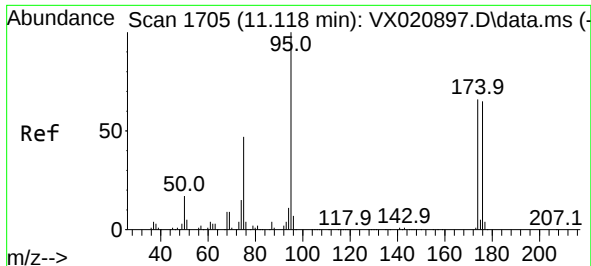
Tgt Ion:117 Resp: 19311
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 98 Resp: 450019
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

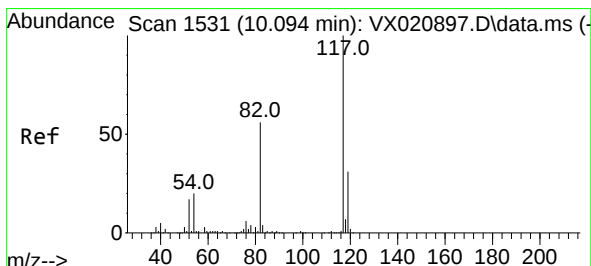
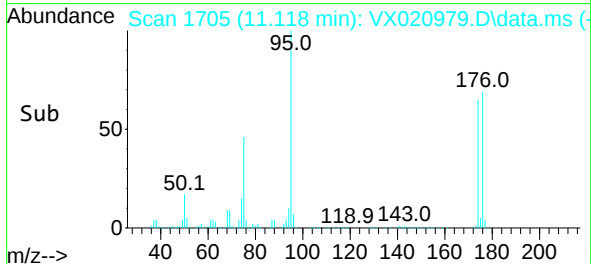
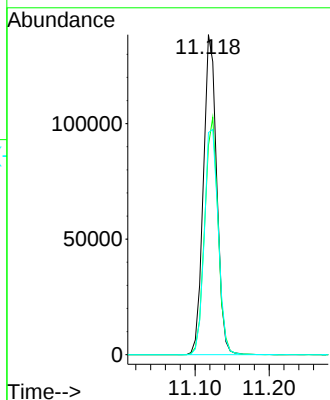
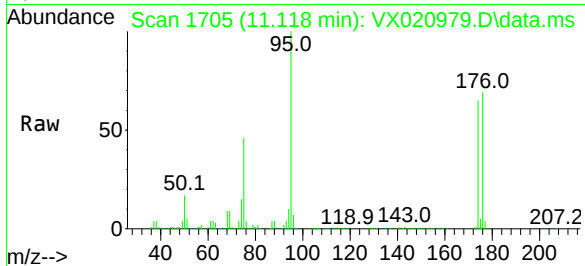




#62
4-Bromofluorobenzene
Concen: 54.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

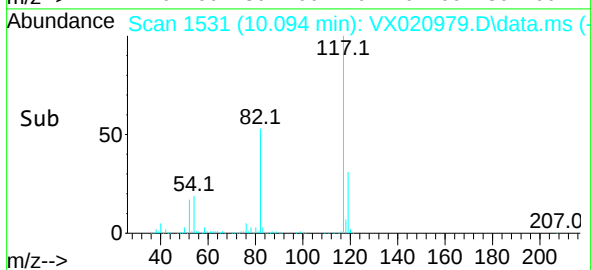
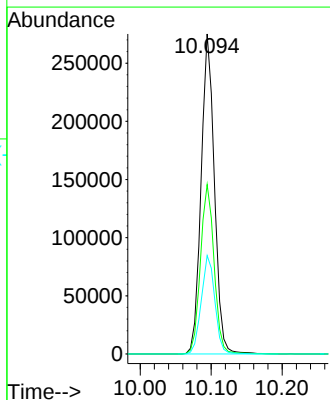
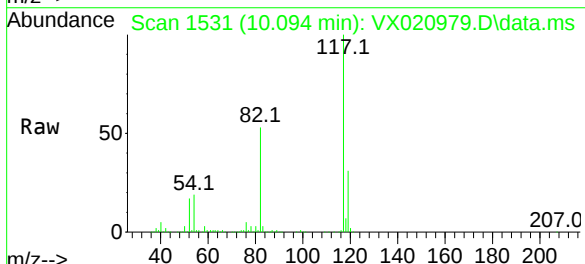
Instrument :
MSVOA_X
ClientSampleId :
MH-G

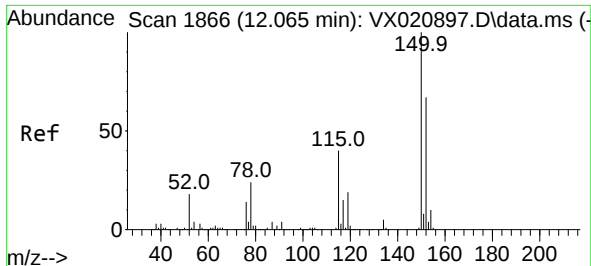
Tgt Ion: 95 Resp: 173369
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

Tgt Ion: 117 Resp: 359155
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 30.8 26.6 39.8

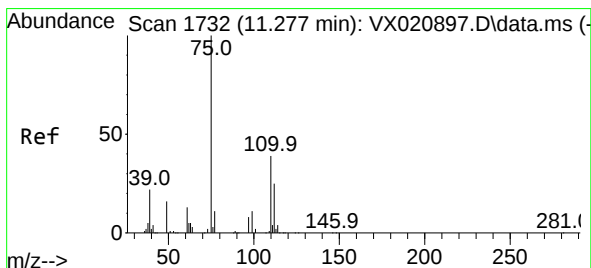
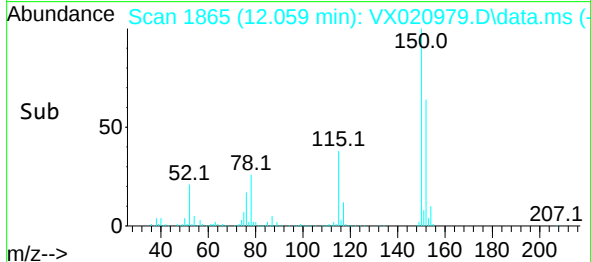
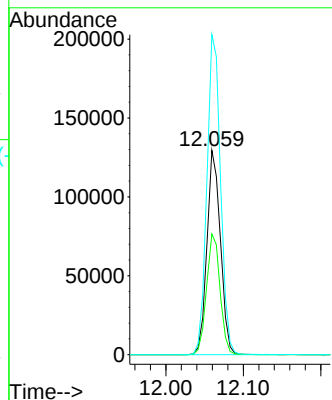
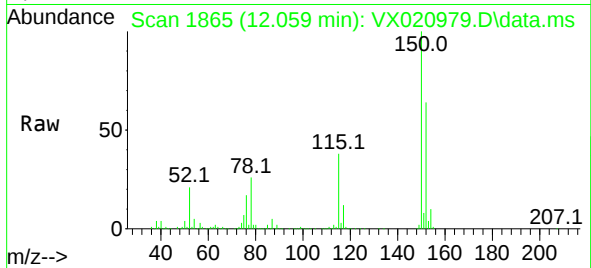




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

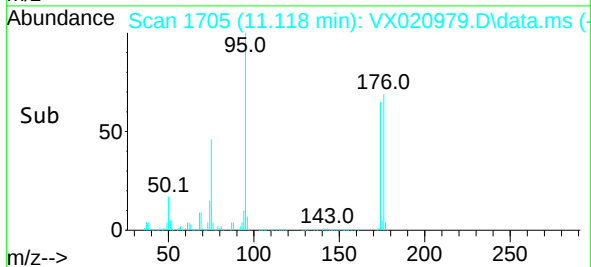
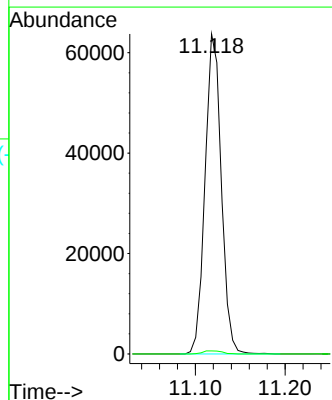
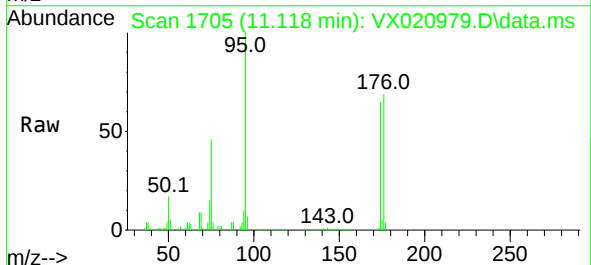
Instrument :
MSVOA_X
ClientSampled :
MH-G

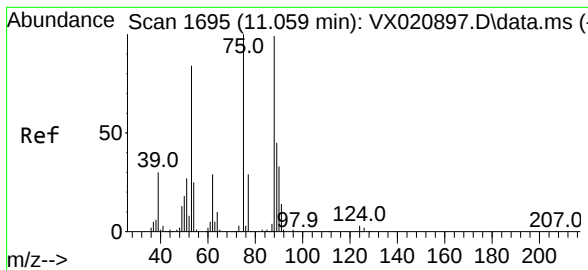
Tgt Ion:152 Resp: 156477
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020979.D
Acq: 02 Mar 2021 21:00

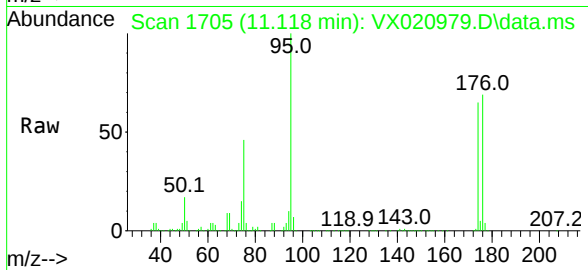
Tgt Ion: 75 Resp: 80055
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.65 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020979.D
 Acq: 02 Mar 2021 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G



Tgt Ion: 75 Resp: 80055
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

