

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021409.D
 Acq On : 24 Mar 2021 01:31
 Operator : JC/MD
 Sample : M1770-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

Quant Time: Mar 24 03:34:35 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)

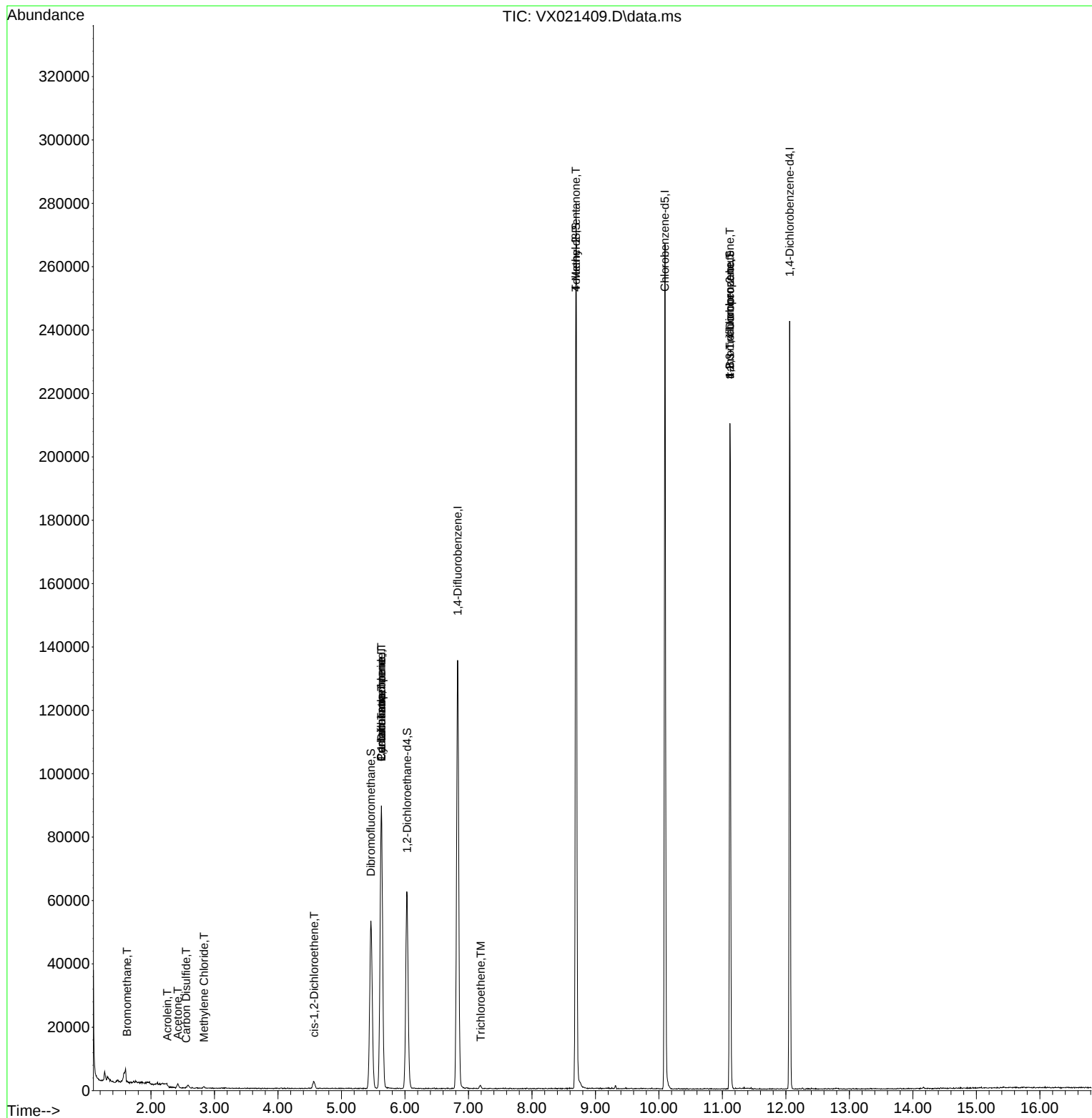
Internal Standards						
1) Pentafluorobenzene	5.629	168	75282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	60672	49.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.28%			
35) Dibromofluoromethane	5.464	113	43395	50.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.40%			
50) Toluene-d8	8.694	98	152514	49.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.22%			
62) 4-Bromofluorobenzene	11.118	95	53805	44.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.22%			
Target Compounds						Qvalue
3) Chloromethane	1.322	50	1405	Below Cal		100
5) Bromomethane	1.623	94	100	0.25 ug/l #		2
13) Acrolein	2.258	56	20	3.28 ug/l #		14
16) Acetone	2.423	43	1255	2.76 ug/l #		87
17) Carbon Disulfide	2.552	76	152	0.60 ug/l #		75
20) Methylene Chloride	2.834	84	251	0.27 ug/l #		86
27) cis-1,2-Dichloroethene	4.570	96	1202	1.22 ug/l		87
31) Cyclohexane	5.629	56	2187	1.47 ug/l #		19
36) 1,1-Dichloropropene	5.629	75	6958	5.49 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8646	6.57 ug/l #		17
44) Trichloroethene	7.194	130	375	0.40 ug/l		83
51) 4-Methyl-2-Pentanone	8.694	43	963	0.69 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	30735	30.46 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	30735	82.70 ug/l #		12

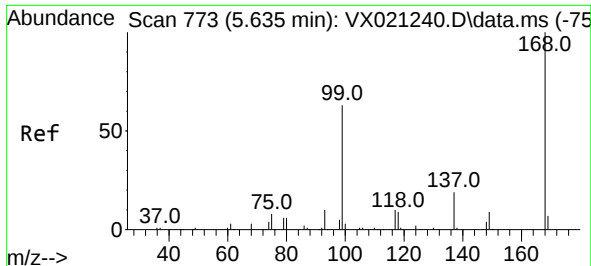
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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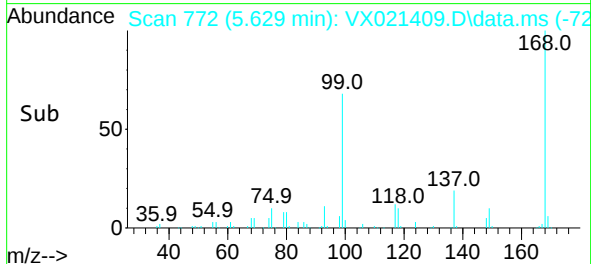
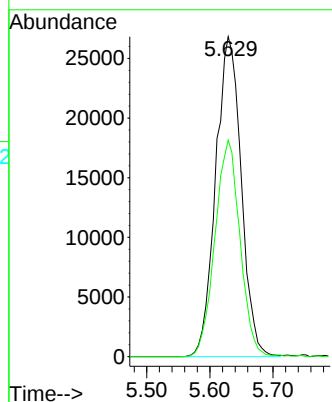
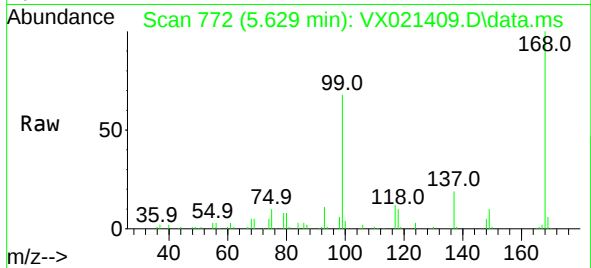




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

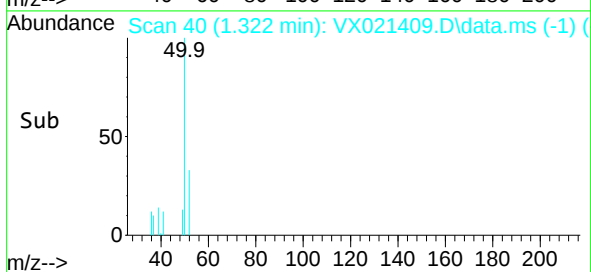
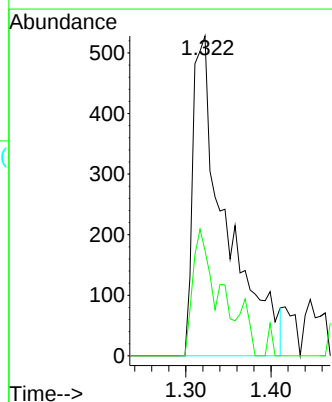
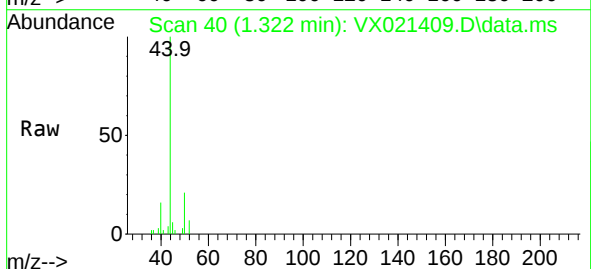
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

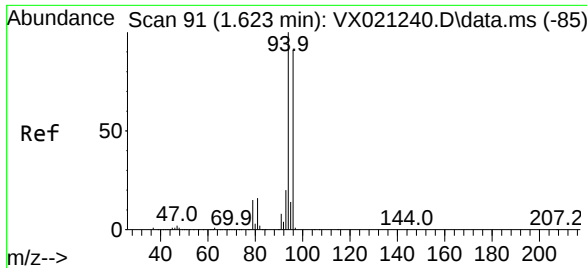
Tgt Ion:168 Resp: 75282
Ion Ratio Lower Upper
168 100
99 67.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.322 min Scan# 40
Delta R.T. 0.011 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 50 Resp: 1405
Ion Ratio Lower Upper
50 100
52 33.0 26.4 39.6

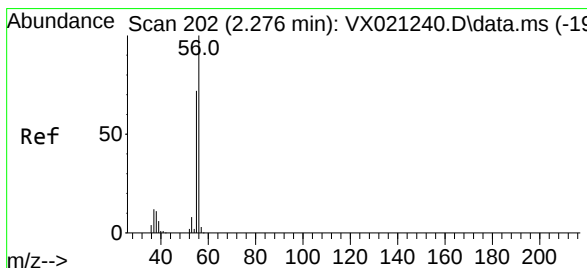
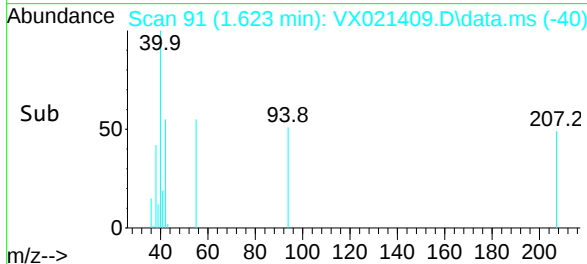
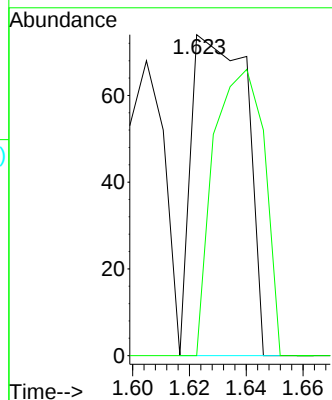
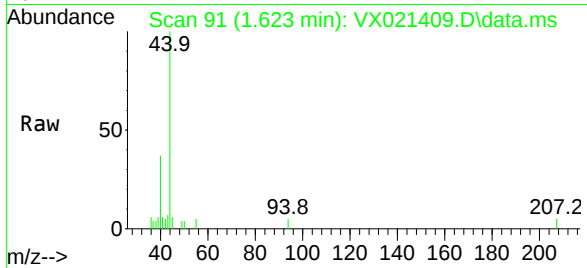




#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

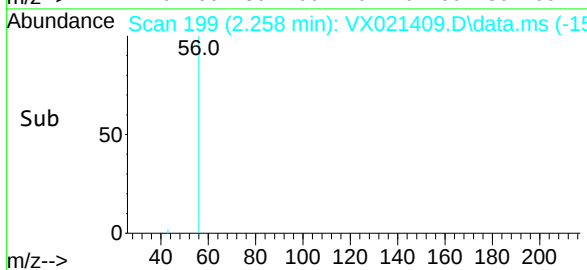
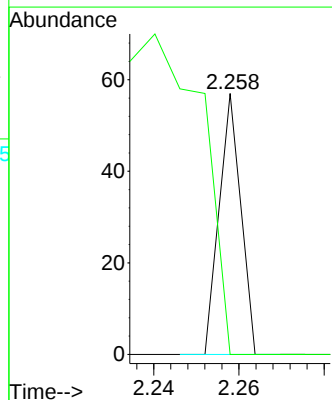
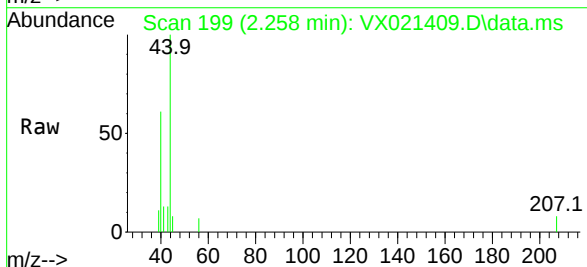
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

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



#13
Acrolein
Concen: 3.28 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

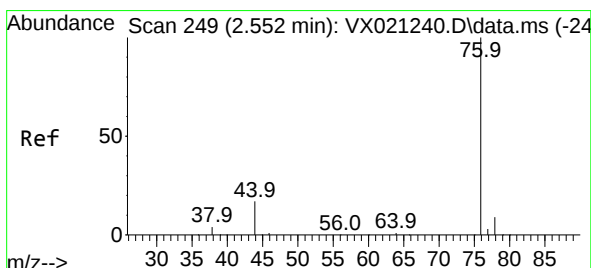
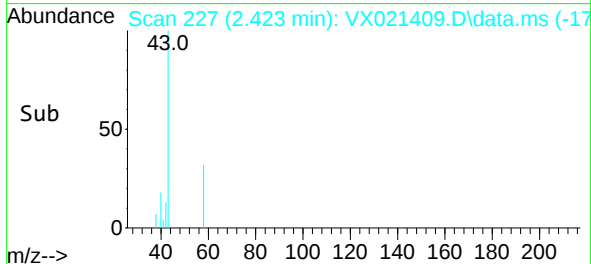
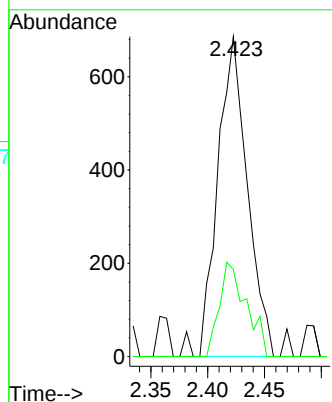
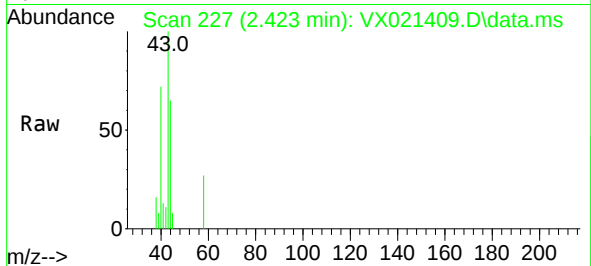




#16
Acetone
Concen: 2.76 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

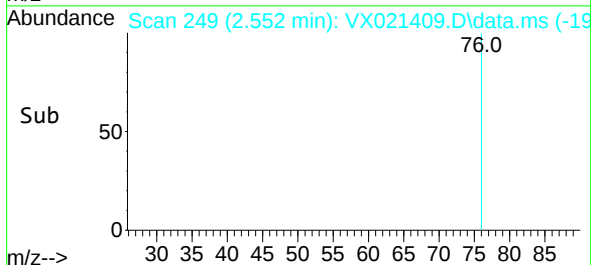
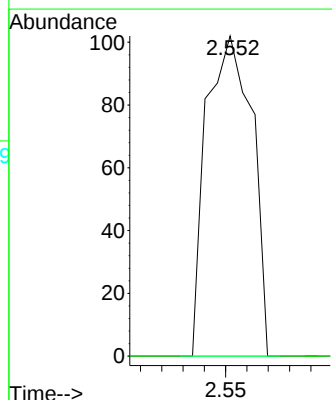
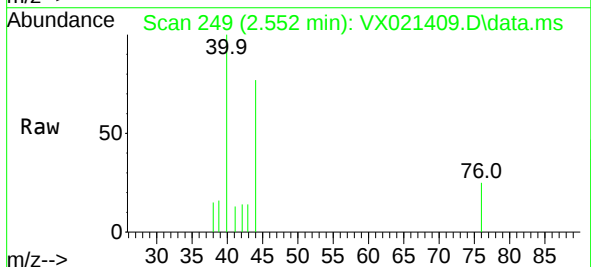
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

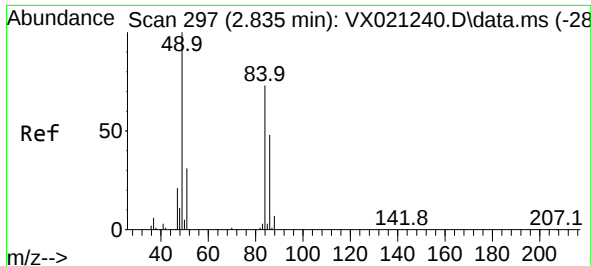
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

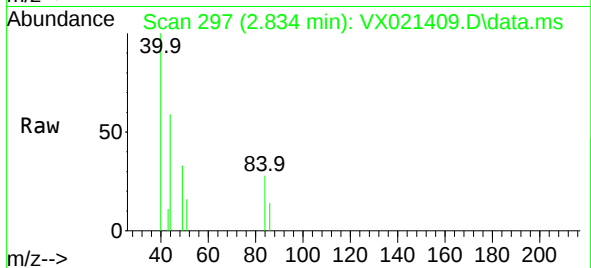
Tgt Ion: 76 Resp: 152
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



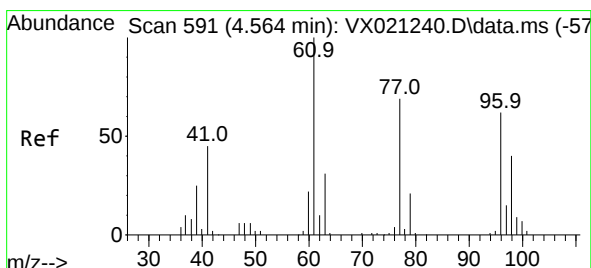
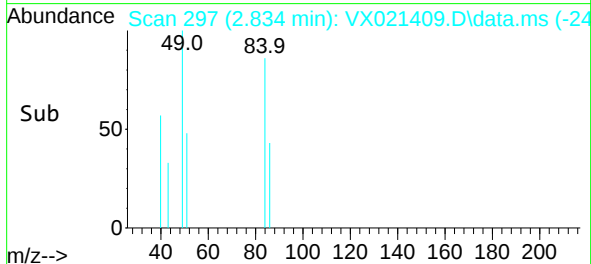
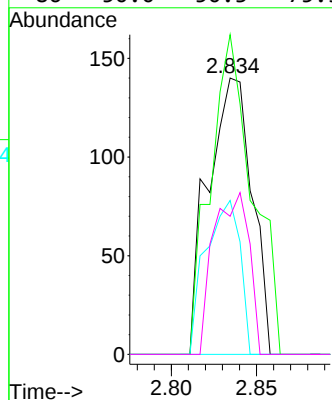


#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

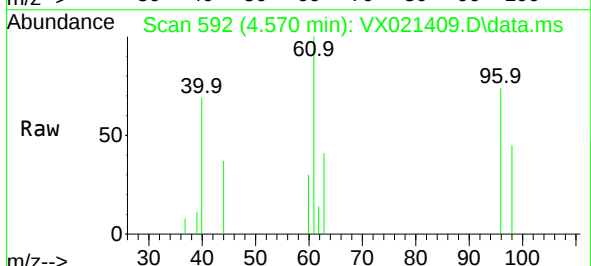
Instrument :
MSVOA_X
ClientSampleId :
MW-106I



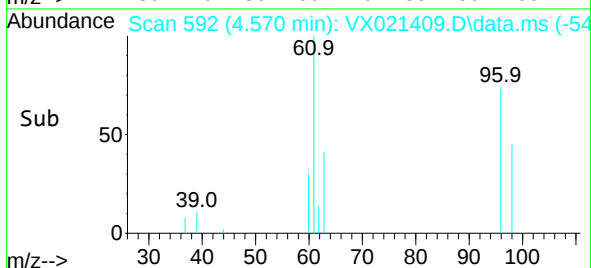
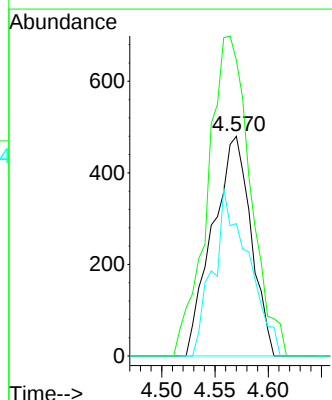
Tgt Ion:	84	Resp:	251
Ion	Ratio	Lower	Upper
84	100		
49	115.7	88.6	132.8
51	55.7	27.0	40.6#
86	50.0	50.3	75.5#

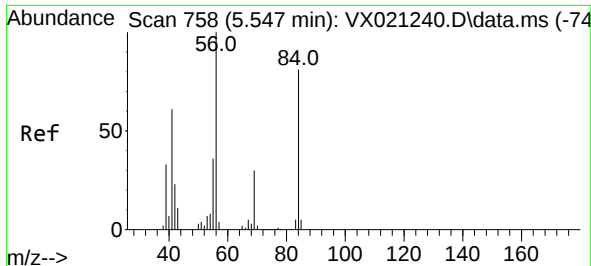


#27
cis-1,2-Dichloroethene
Concen: 1.22 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31



Tgt Ion:	96	Resp:	1202
Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	285.6
98	69.9	0.0	129.6

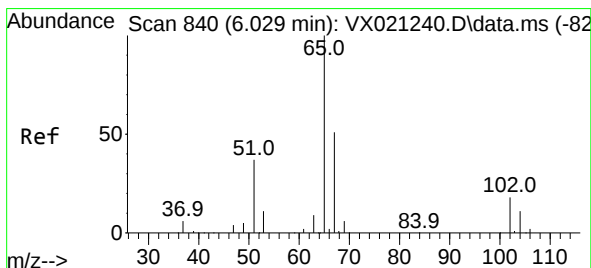
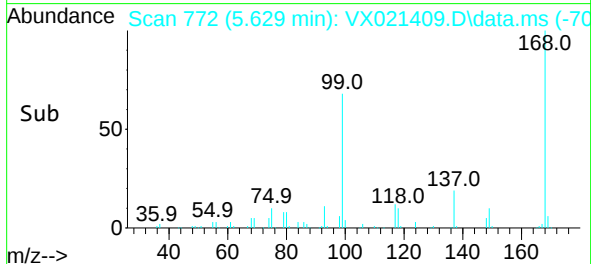
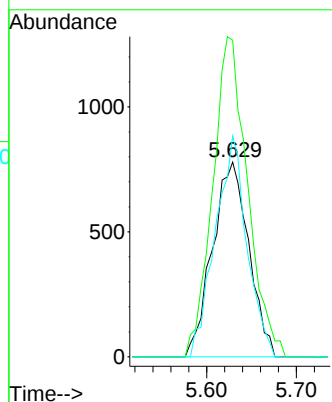
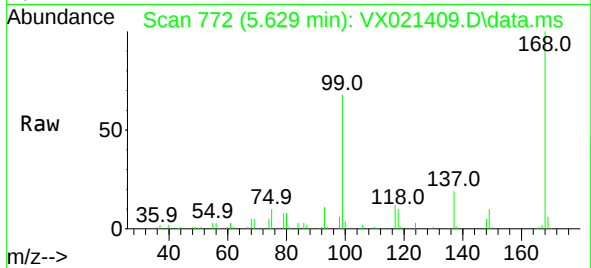




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

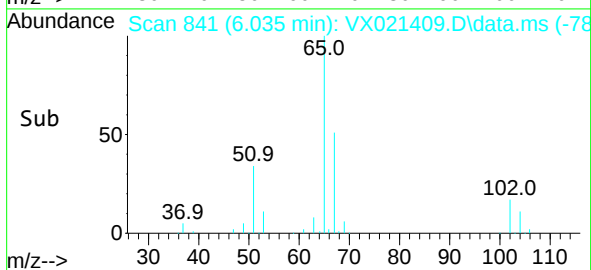
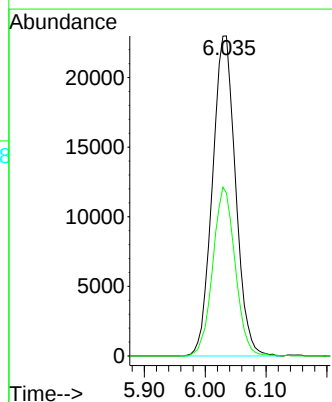
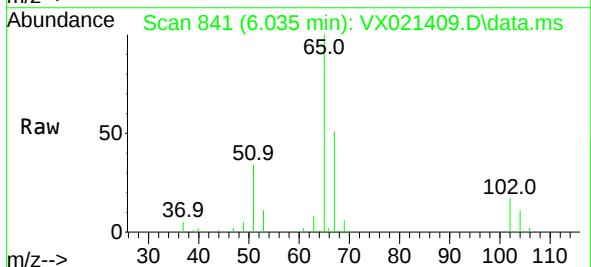
Instrument :
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ClientSampleId :
MW-106I

Tgt Ion: 56 Resp: 2187
Ion Ratio Lower Upper
56 100
69 162.6 25.3 37.9#
84 113.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.14 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 65 Resp: 60672
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

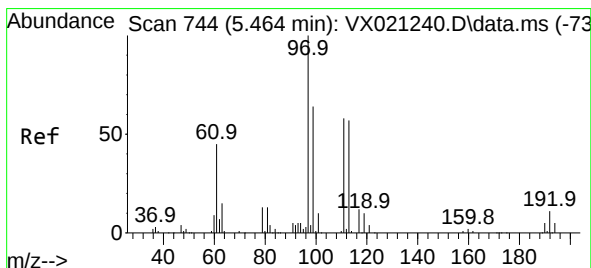
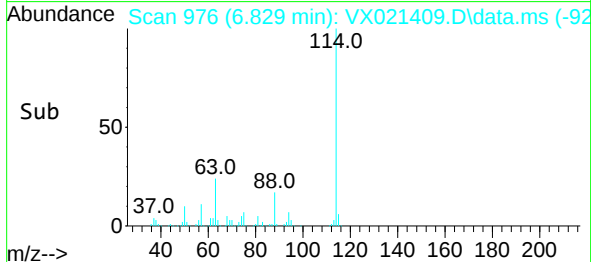
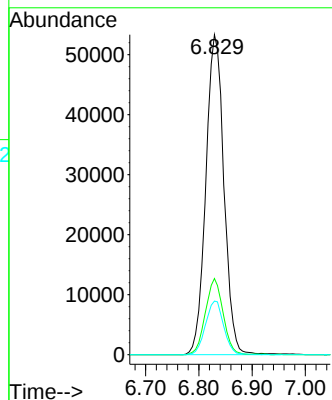
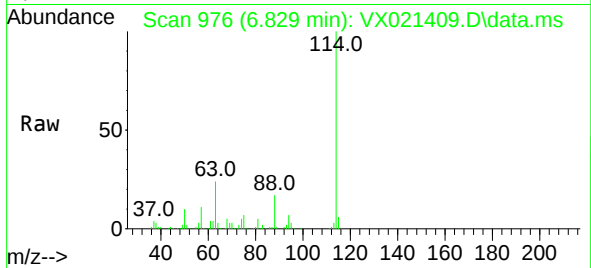




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

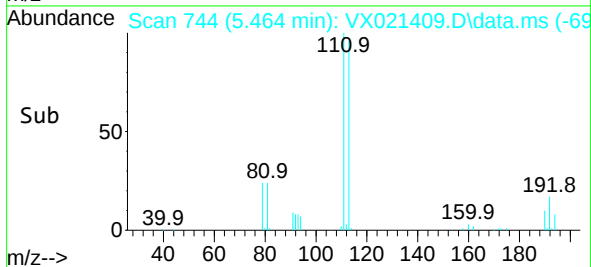
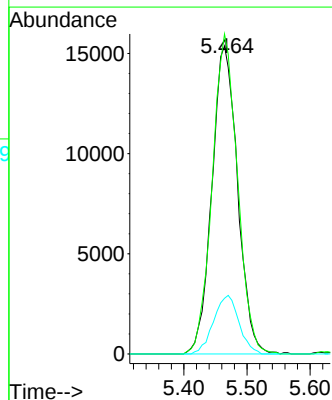
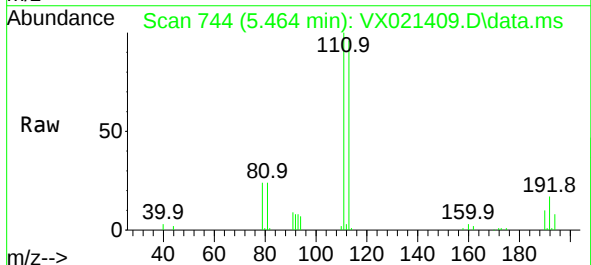
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

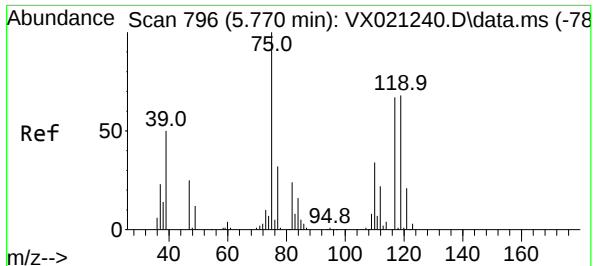
Tgt Ion:114 Resp: 125781
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion:113 Resp: 43395
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.8 16.7 25.1

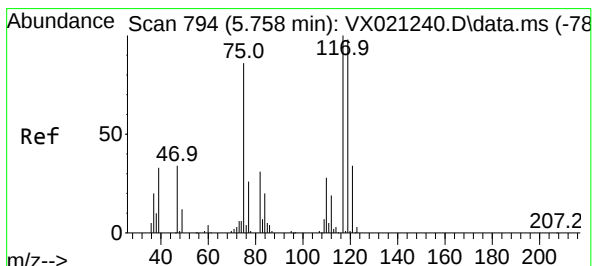
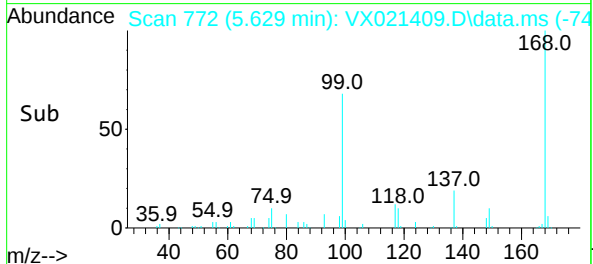
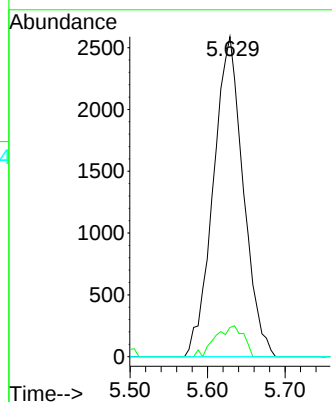
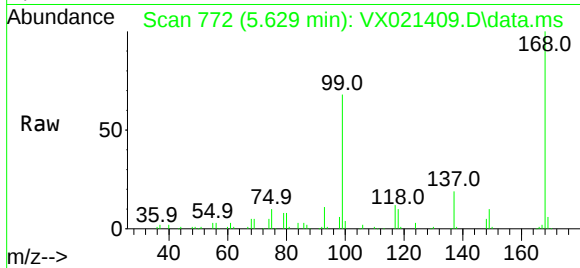




#36
1,1-Dichloropropene
Concen: 5.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

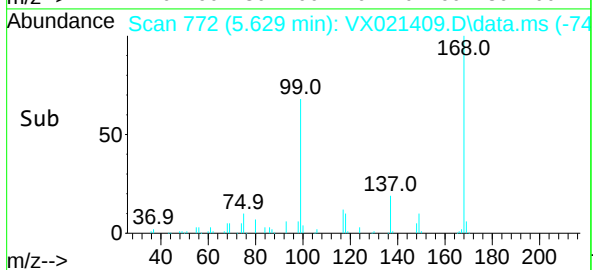
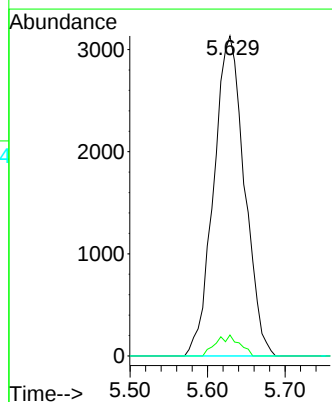
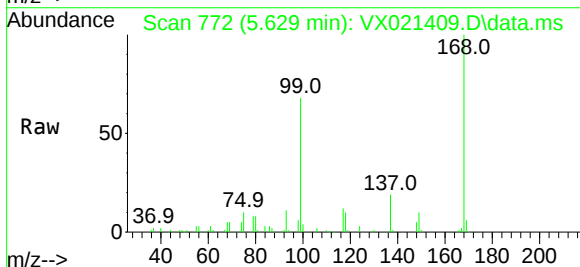
Instrument :
MSVOA_X
ClientSampled :
MW-106I

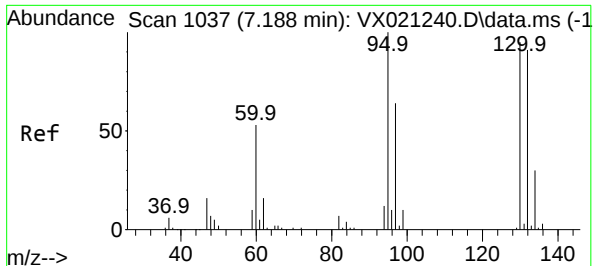
Tgt Ion: 75 Resp: 6958
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 117 Resp: 8646
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

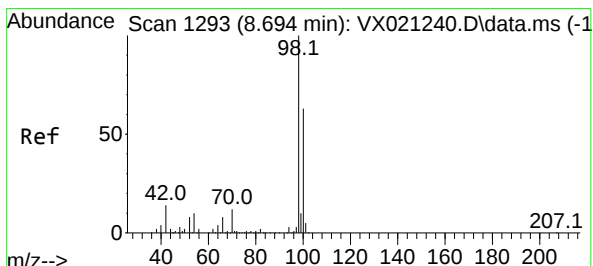
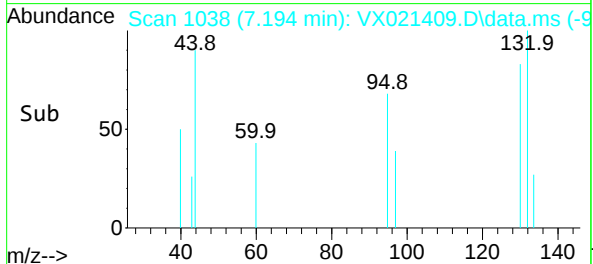
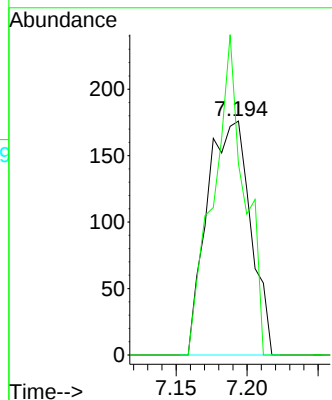
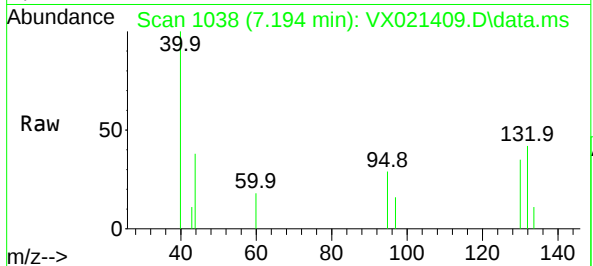




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

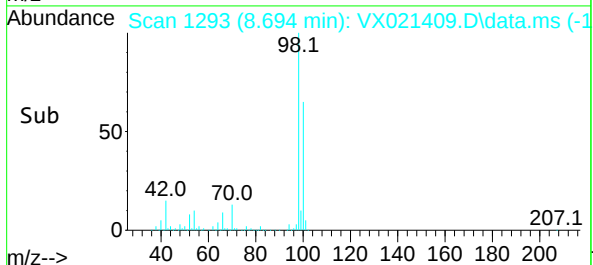
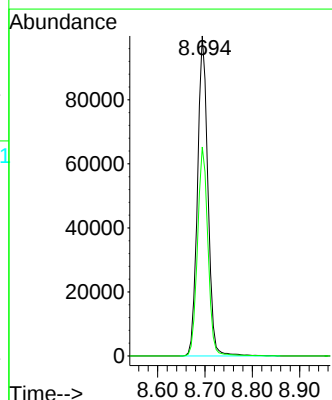
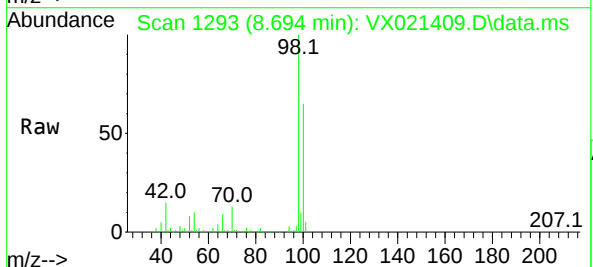
Instrument :
MSVOA_X
ClientSampled :
MW-106I

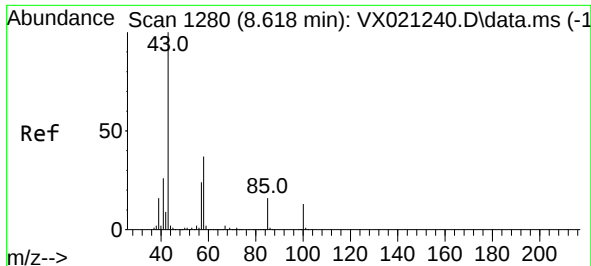
Tgt Ion:130 Resp: 375
Ion Ratio Lower Upper
130 100
95 81.8 0.0 198.0



#50
Toluene-d8
Concen: 49.11 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 98 Resp: 152514
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

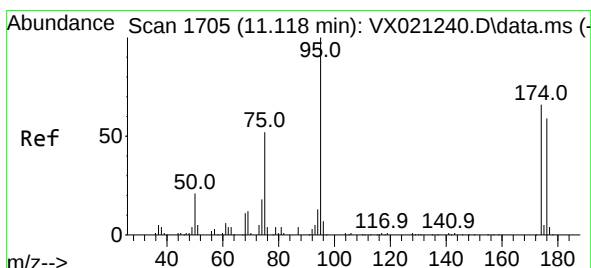
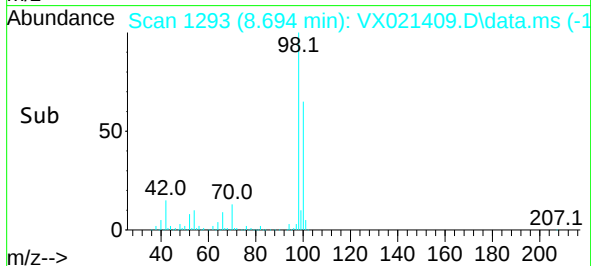
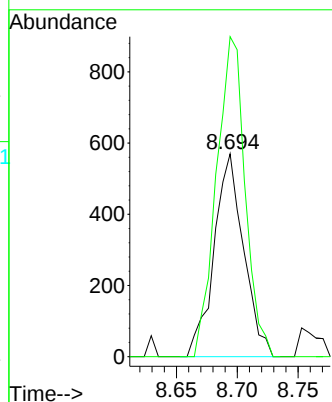
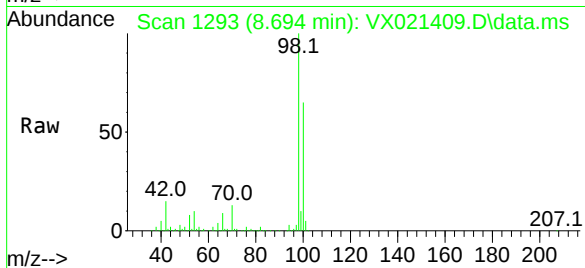




#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

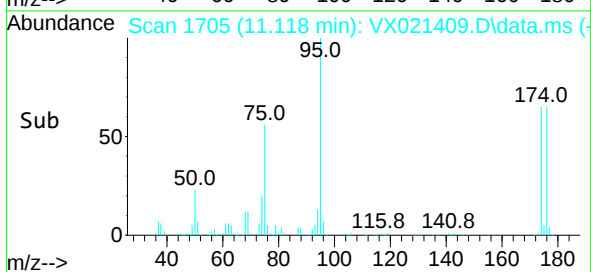
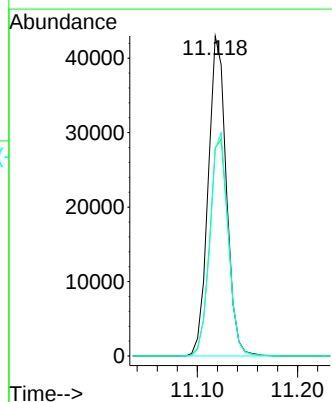
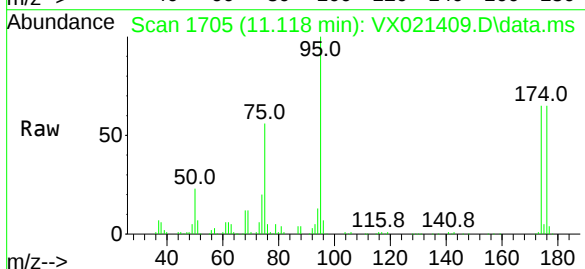
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

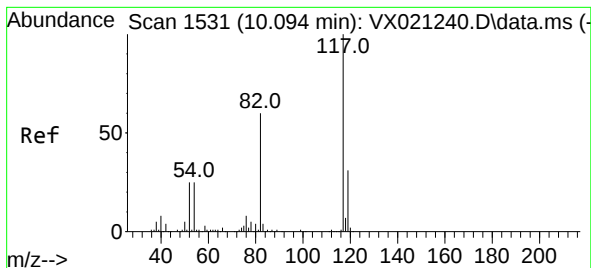
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 153.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.61 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 95 Resp: 53805
Ion Ratio Lower Upper
95 100
174 70.2 0.0 154.6
176 70.1 0.0 155.8

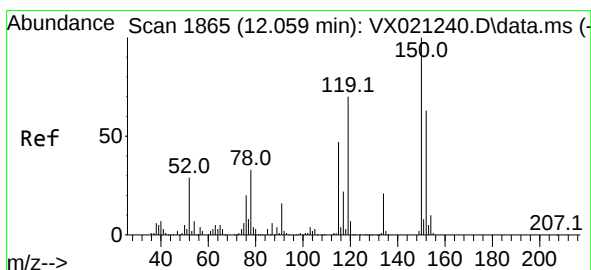
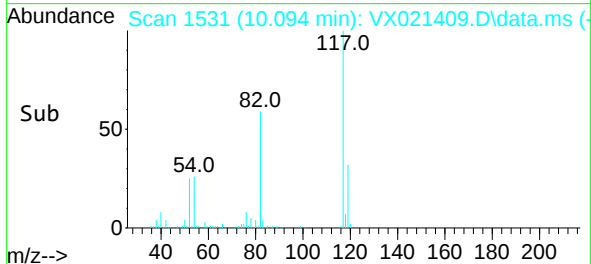
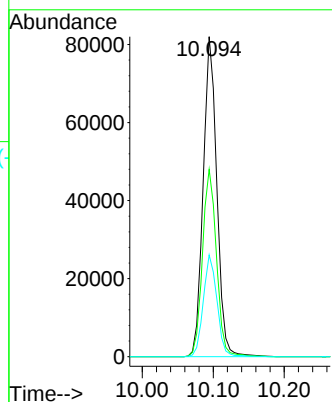
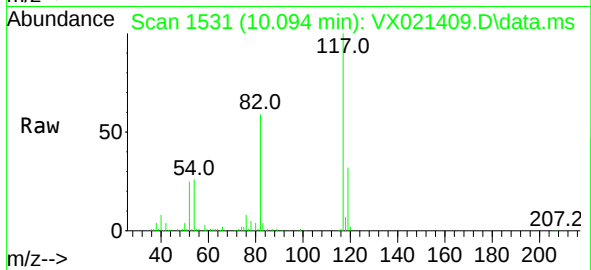




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

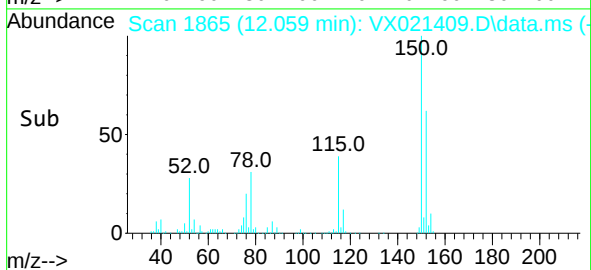
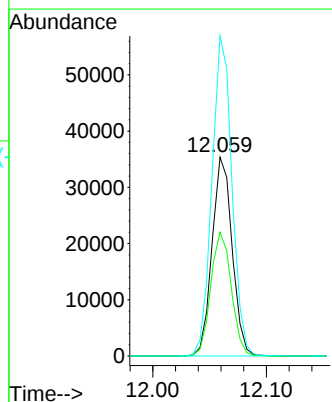
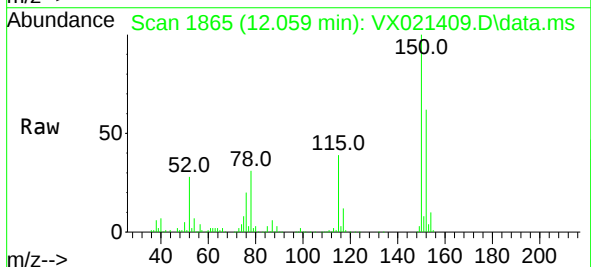
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

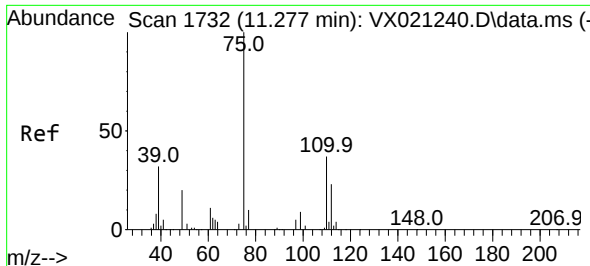
Tgt Ion:117 Resp: 110006
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion:152 Resp: 43497
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 160.2 0.0 349.0

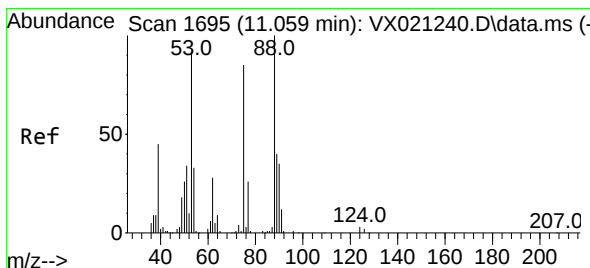
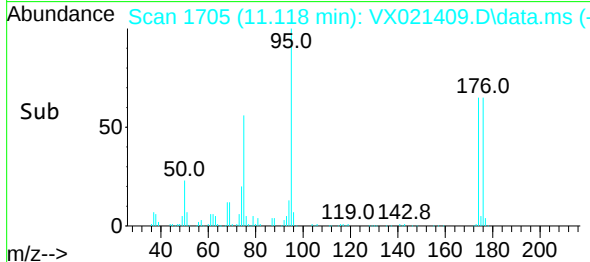
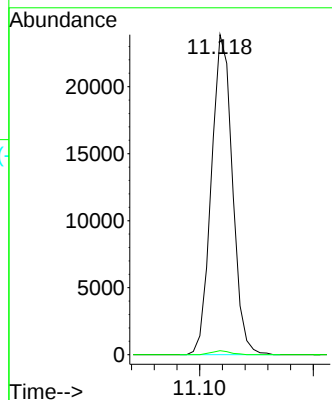
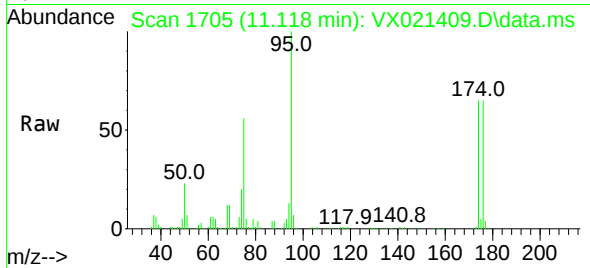




#76
1,2,3-Trichloropropane
Concen: 30.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
MW-106I

Tgt Ion: 75 Resp: 30735
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021409.D
Acq: 24 Mar 2021 01:31

Tgt Ion: 75 Resp: 30735
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

