

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021734.D
 Acq On : 02 Apr 2021 11:50
 Operator : JC/MD
 Sample : M1895-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 03 02:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

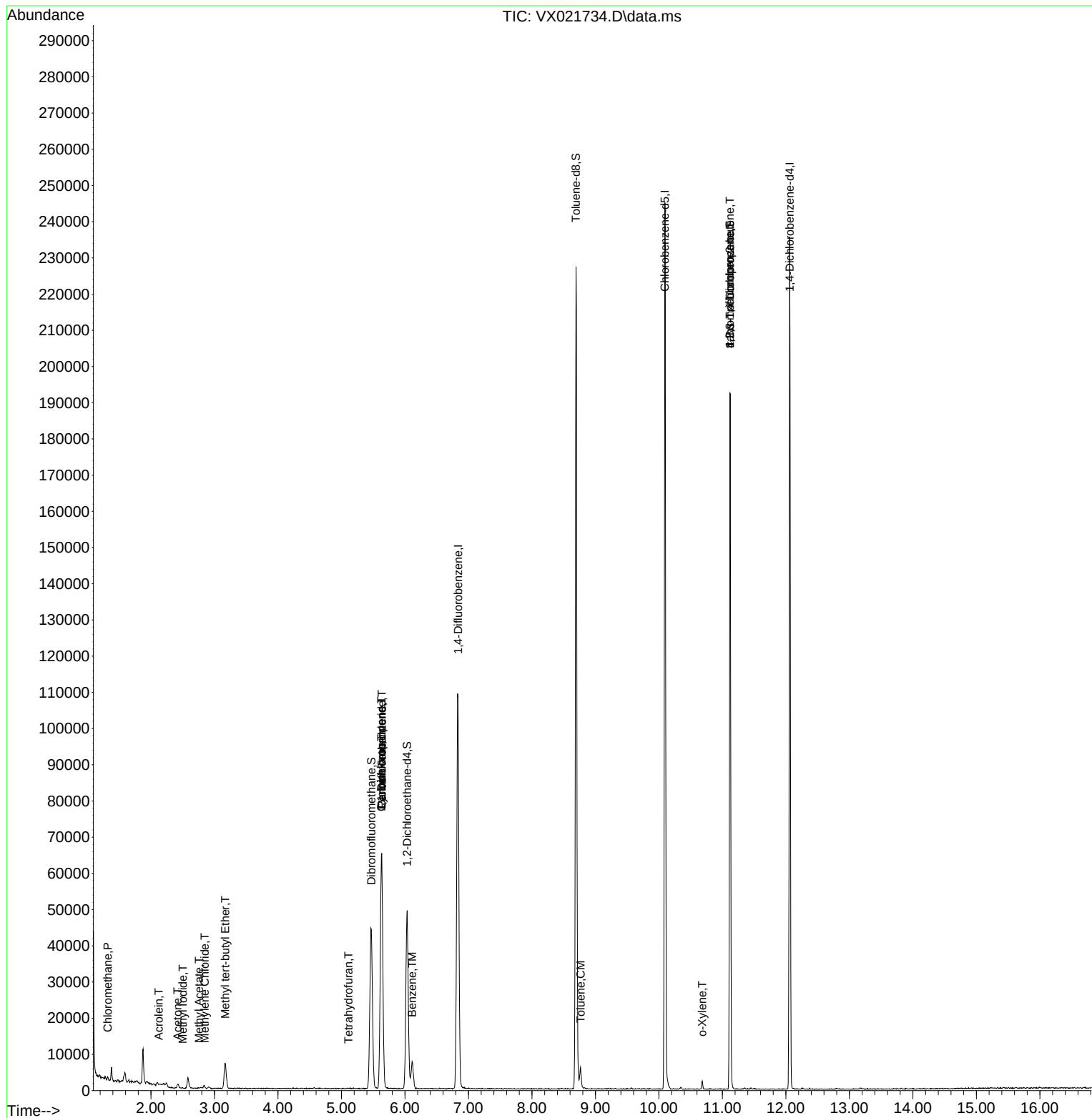
Internal Standards						
1) Pentafluorobenzene	5.635	168	57188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	103745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	103238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48838	51.33	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 102.66%		
35) Dibromofluoromethane	5.470	113	37329	50.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.30%		
50) Toluene-d8	8.694	98	130099	49.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 99.08%		
62) 4-Bromofluorobenzene	11.118	95	50224	49.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 98.38%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1258	1.78	ug/l	100
10) Methyl Iodide	2.499	142	41	6.72	ug/l #	42
13) Acrolein	2.122	56	23	4.58	ug/l #	1
16) Acetone	2.417	43	1376	3.82	ug/l	93
18) Methyl Acetate	2.758	43	337	0.32	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	6921	3.22	ug/l	99
20) Methylene Chloride	2.846	84	259	0.37	ug/l #	80
29) Tetrahydrofuran	5.111	42	88	0.25	ug/l #	27
31) Cyclohexane	5.629	56	1522	1.45	ug/l #	31
36) 1,1-Dichloropropene	5.629	75	5110	5.03	ug/l #	49
38) Carbon Tetrachloride	5.635	117	6288	5.76	ug/l #	17
40) Benzene	6.111	78	7533	2.61	ug/l	97
52) Toluene	8.765	92	1725	0.97	ug/l	95
69) o-Xylene	10.682	106	445	0.34	ug/l	86
76) 1,2,3-Trichloropropane	11.118	75	28121	27.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28121	83.64	ug/l #	12

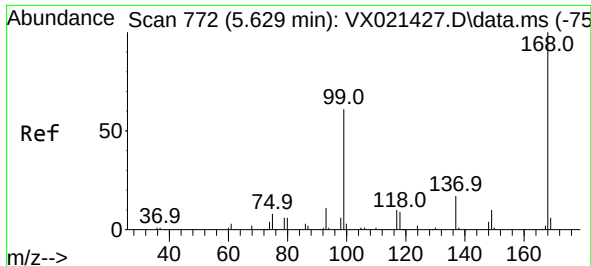
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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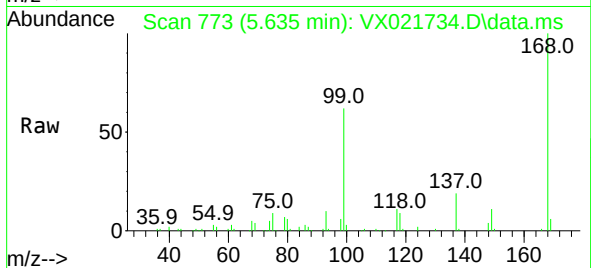
Quant Time: Apr 03 02:02:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



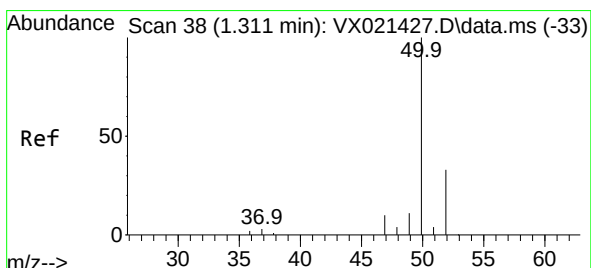
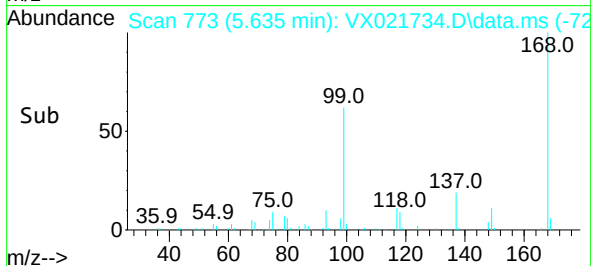
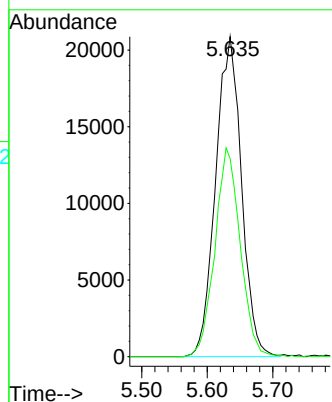


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

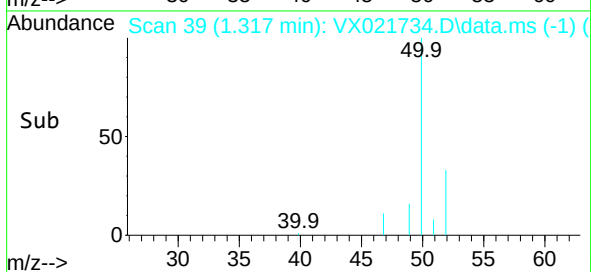
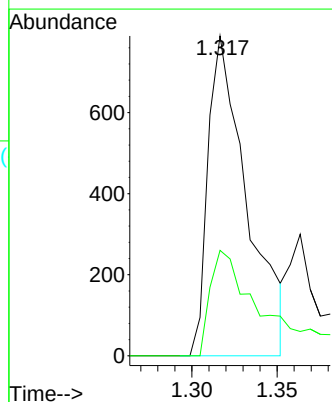
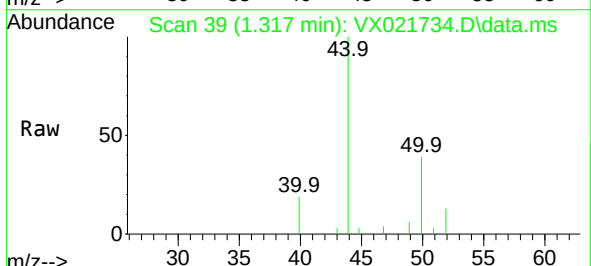


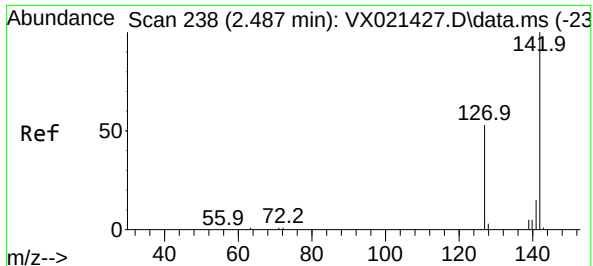
Tgt Ion:168 Resp: 57188
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#3
Chloromethane
Concen: 1.78 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 50 Resp: 1258
Ion Ratio Lower Upper
50 100
52 33.0 26.4 39.6

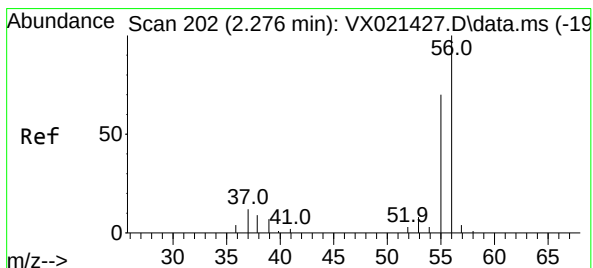
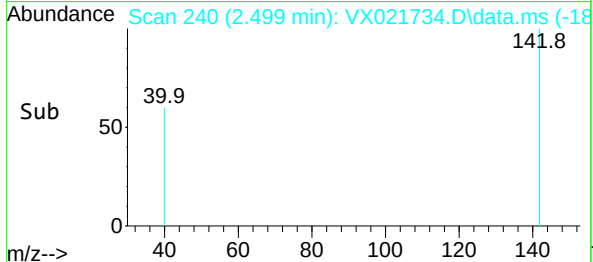
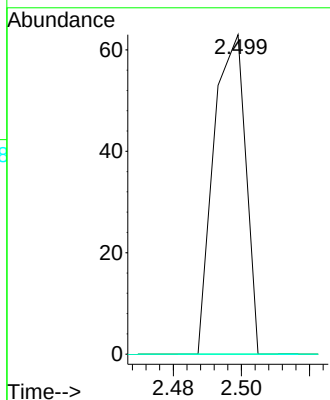
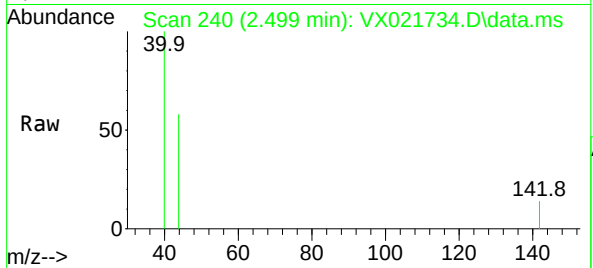




#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

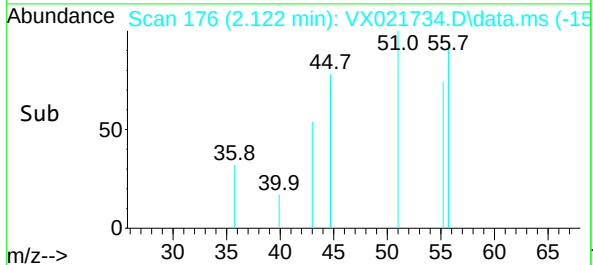
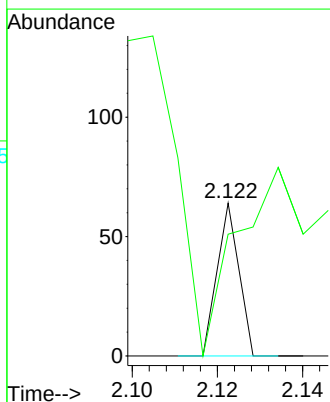
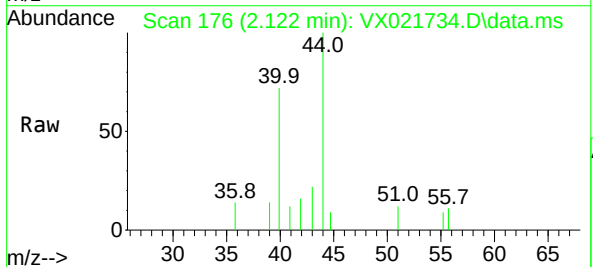
Instrument :
MSVOA_X
ClientSampled :
MW-1R

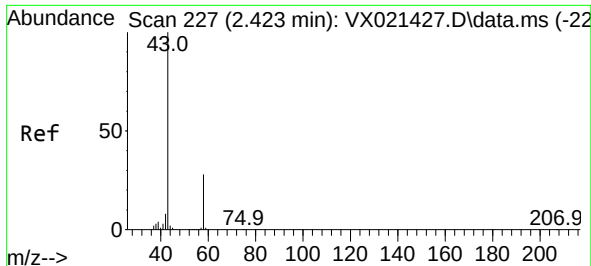
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 4.58 ug/l
RT: 2.122 min Scan# 176
Delta R.T. -0.154 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 539.1 56.4 84.6#

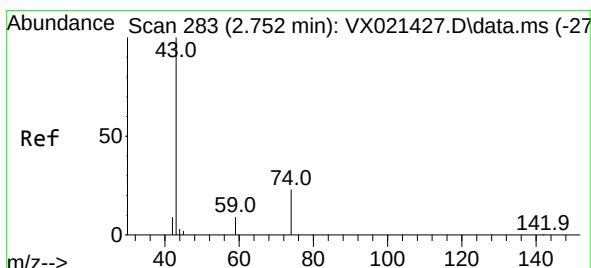
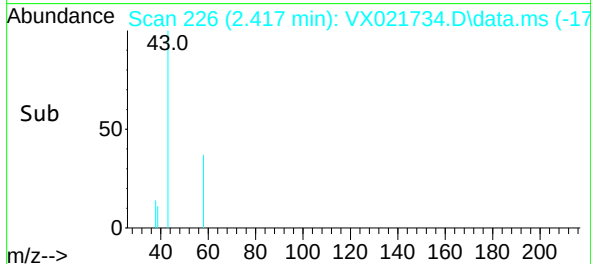
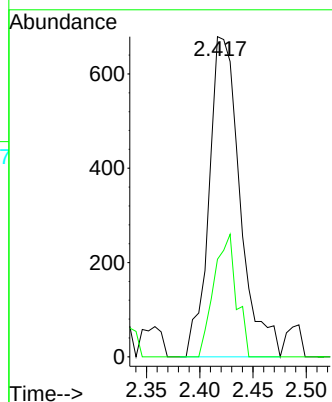
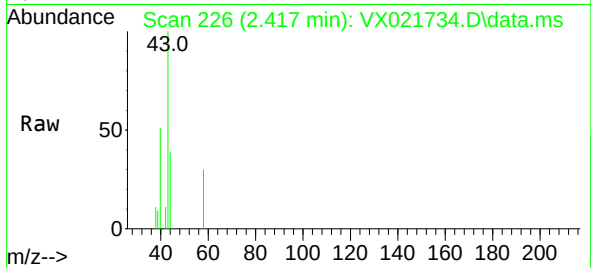




#16
Acetone
Concen: 3.82 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

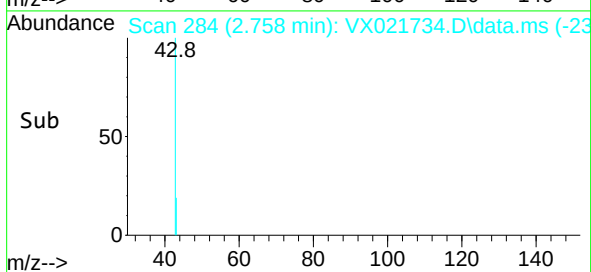
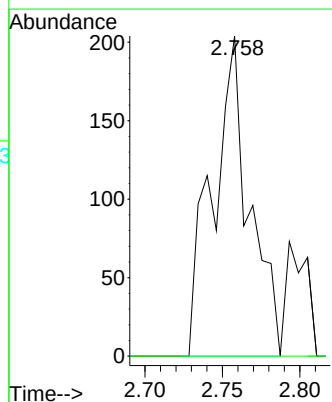
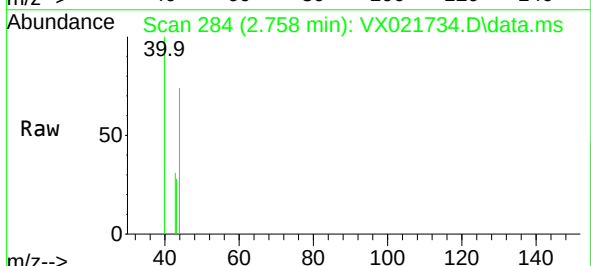
Instrument :
MSVOA_X
ClientSampled :
MW-1R

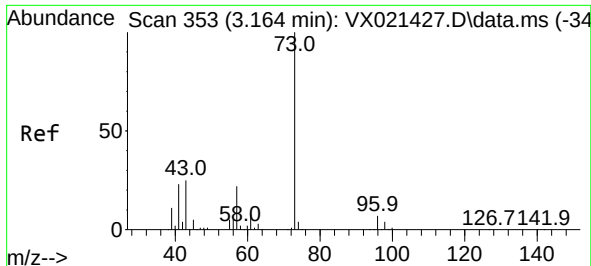
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

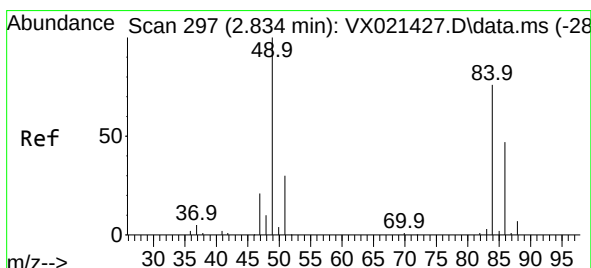
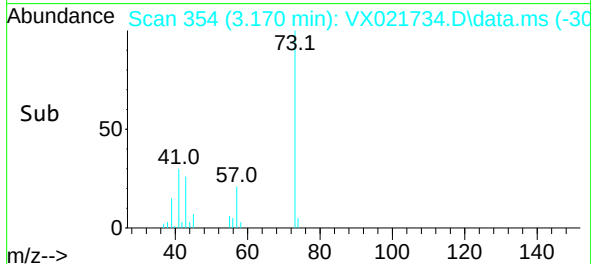
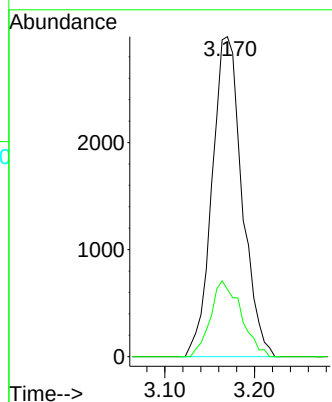
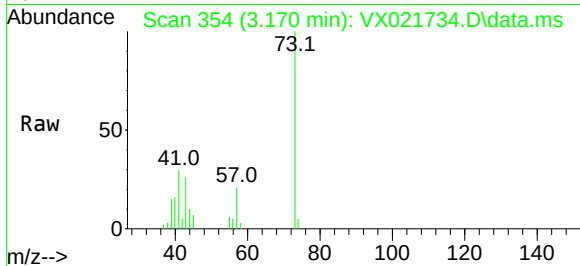




#19
Methyl tert-butyl Ether
Concen: 3.22 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

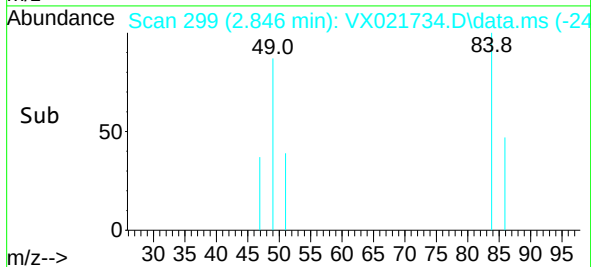
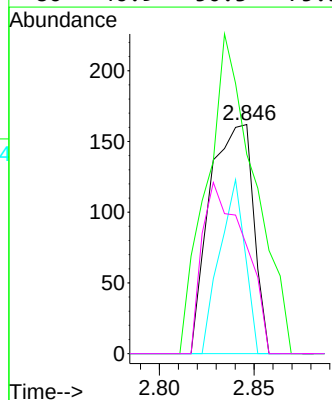
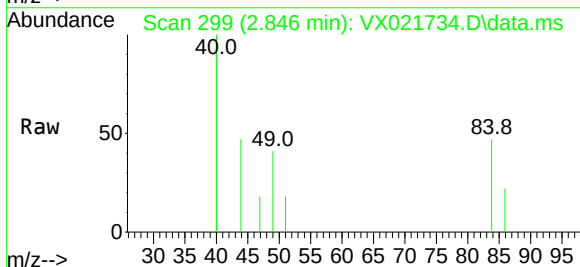
Instrument :
MSVOA_X
ClientSampled :
MW-1R

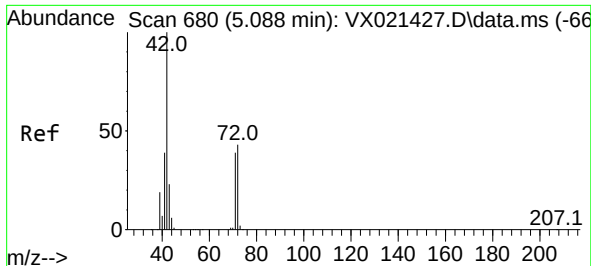
Tgt Ion: 73 Resp: 6921
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.012 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 87.0 88.6 132.8#
51 38.9 27.0 40.6
86 46.9 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.111 min Scan# 684

Delta R.T. 0.023 min

Lab File: VX021734.D

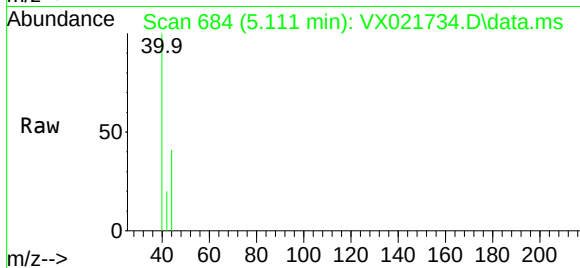
Acq: 02 Apr 2021 11:50

Instrument :

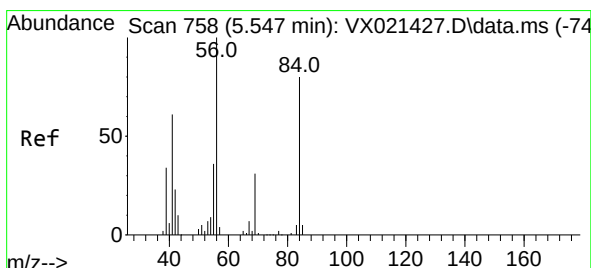
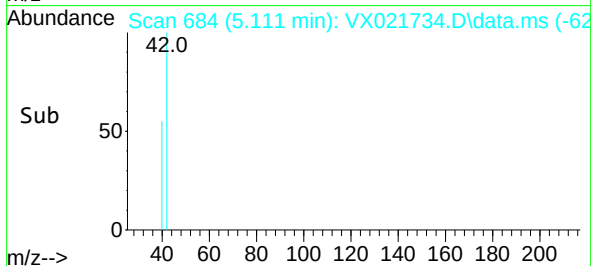
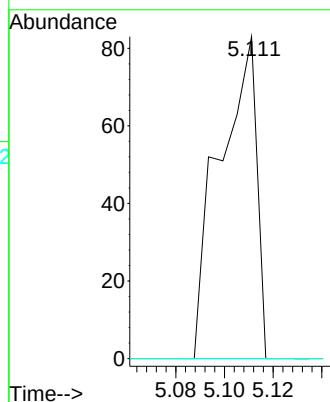
MSVOA_X

ClientSampleId :

MW-1R



Tgt Ion: 42	Resp: 88
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#



#31

Cyclohexane

Concen: 1.45 ug/l

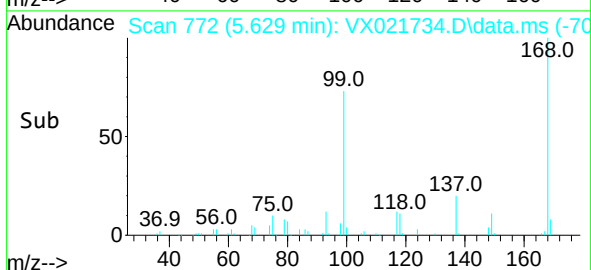
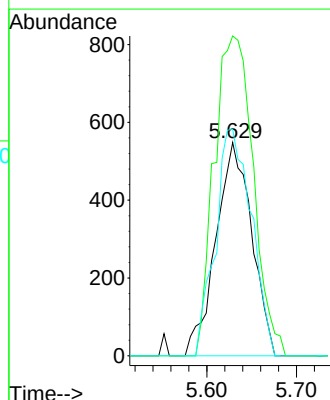
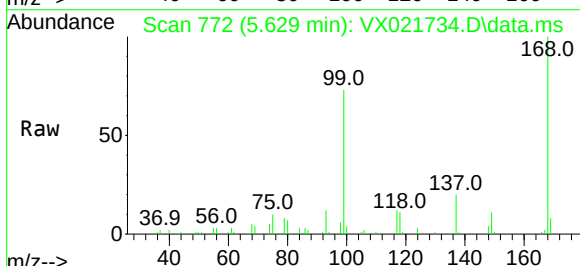
RT: 5.629 min Scan# 772

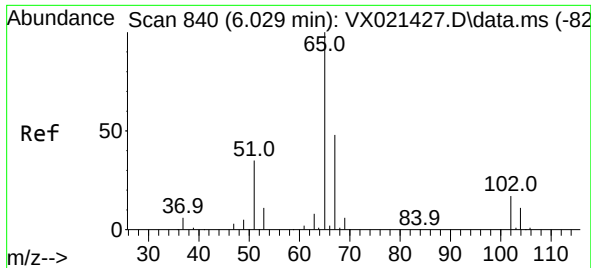
Delta R.T. 0.082 min

Lab File: VX021734.D

Acq: 02 Apr 2021 11:50

Tgt Ion: 56	Resp: 1522
Ion Ratio	Lower Upper
56	100
69	150.0 25.3 37.9#
84	106.2 71.4 107.0

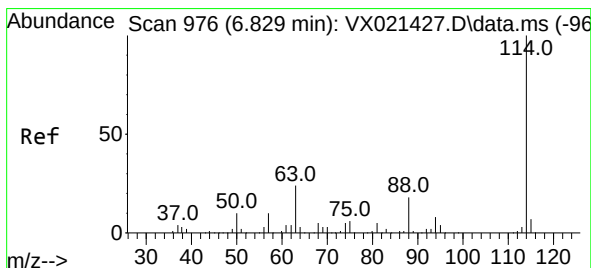
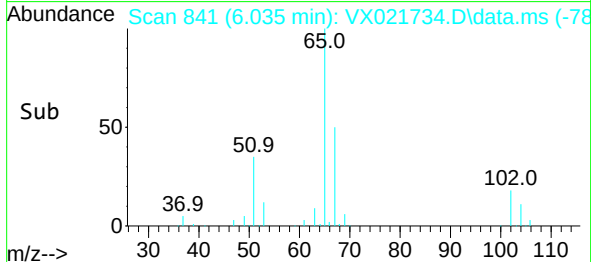
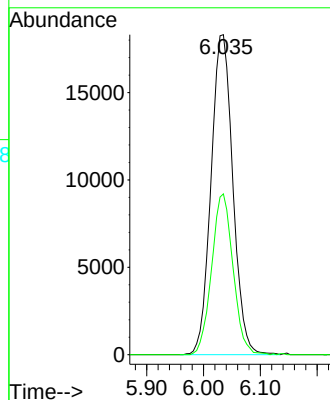
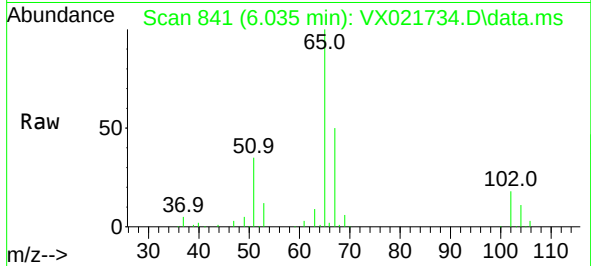




#33
1,2-Dichloroethane-d4
Concen: 51.33 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

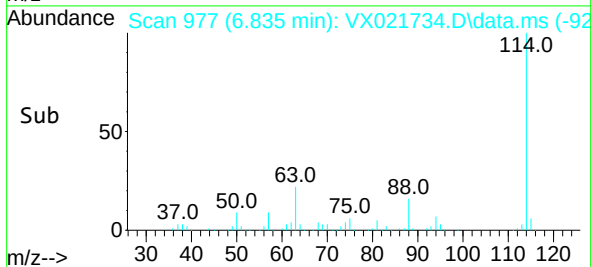
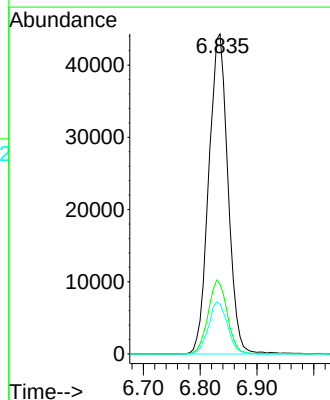
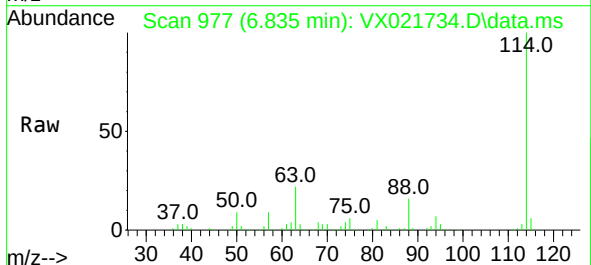
Instrument :
MSVOA_X
ClientSampled :
MW-1R

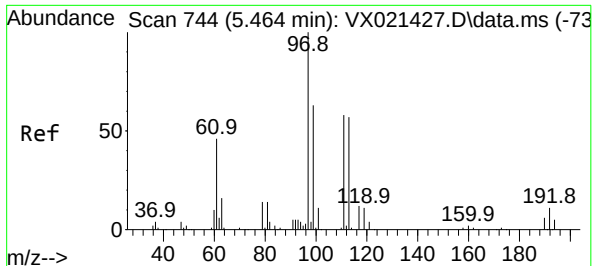
Tgt Ion: 65 Resp: 48838
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

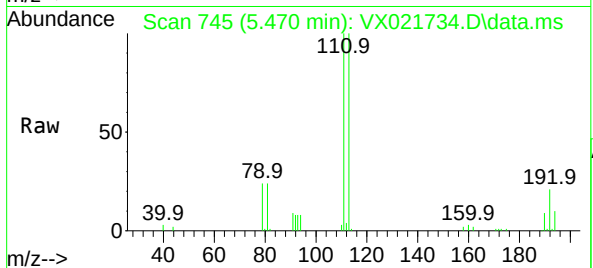
Tgt Ion: 114 Resp: 103745
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 15.5 0.0 32.8



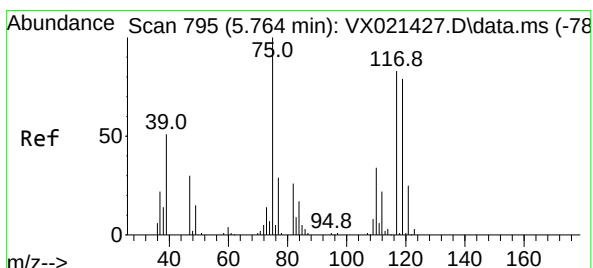
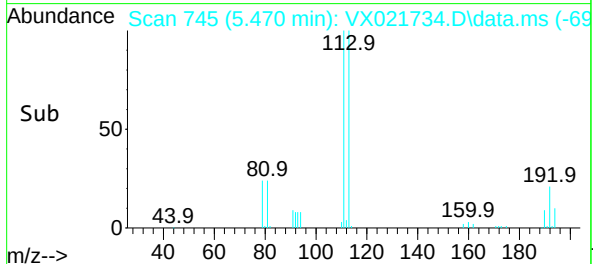
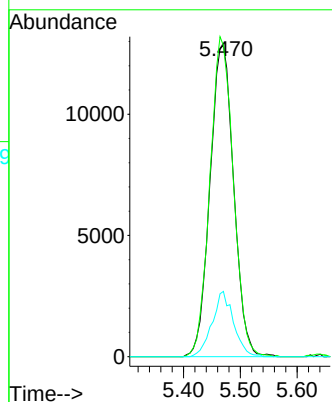


#35
Dibromofluoromethane
Concen: 50.65 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Instrument :
MSVOA_X
ClientSampled :
MW-1R

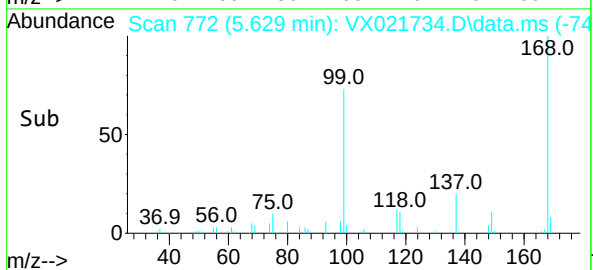
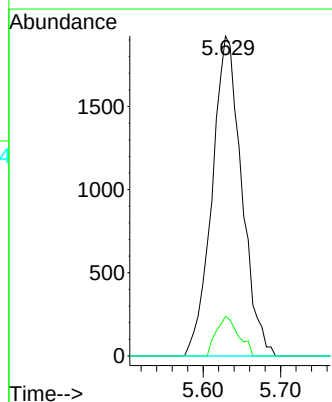
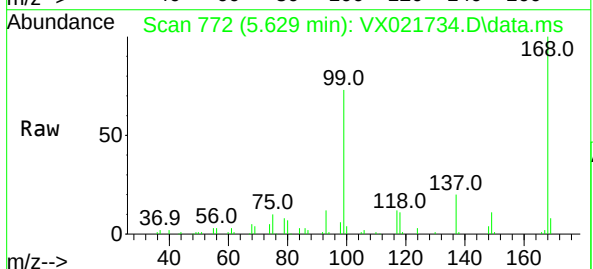


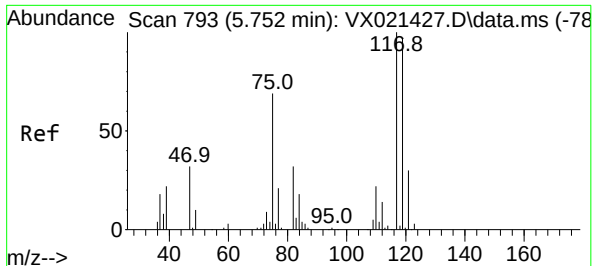
Tgt Ion:113 Resp: 37329
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

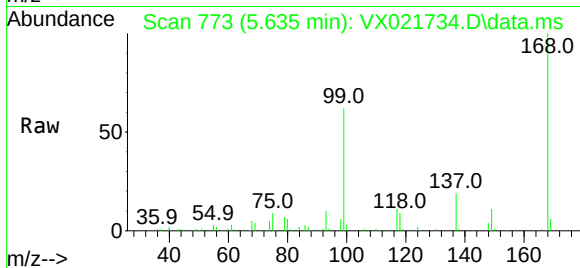
Tgt Ion: 75 Resp: 5110
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



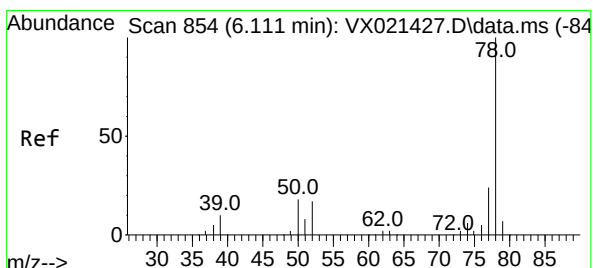
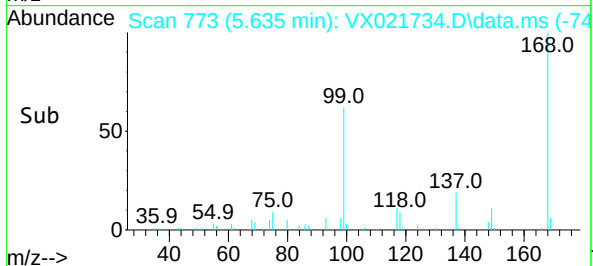
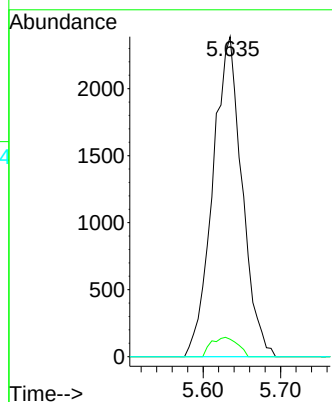


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

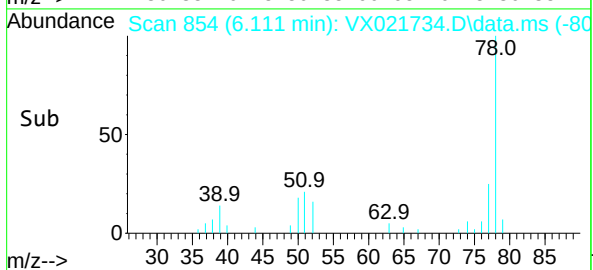
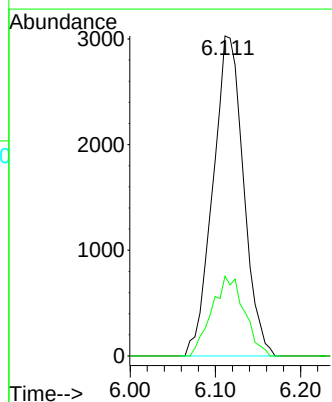
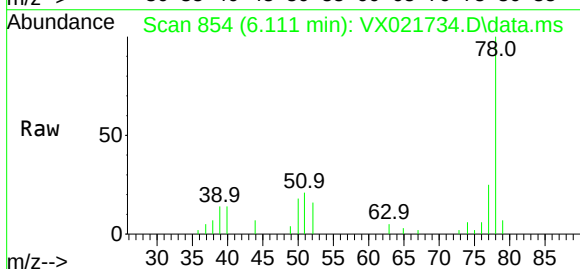


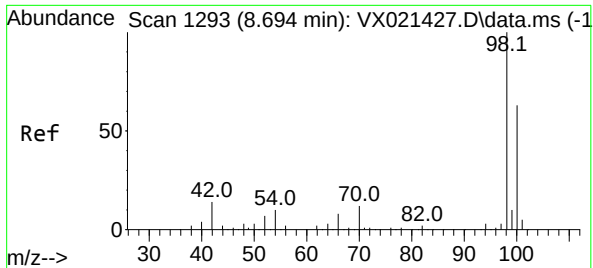
Tgt Ion: 117 Resp: 6288
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 2.61 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 78 Resp: 7533
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3





#50

Toluene-d8

Concen: 49.54 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021734.D

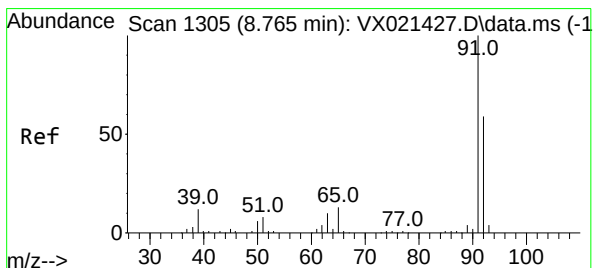
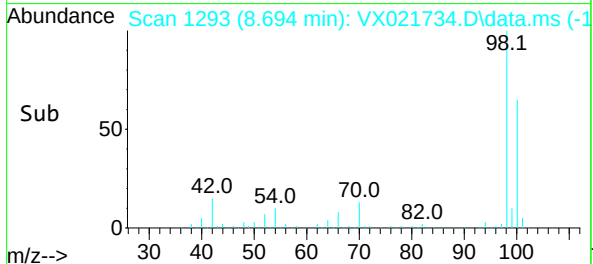
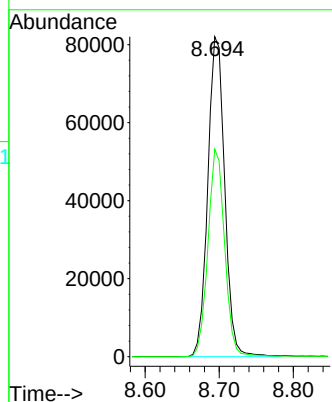
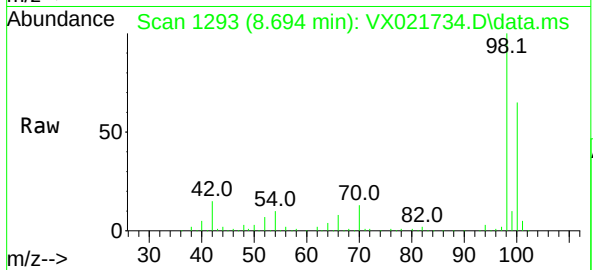
Acq: 02 Apr 2021 11:50

Tgt Ion: 98 Resp: 130099

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#52

Toluene

Concen: 0.97 ug/l

RT: 8.765 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VX021734.D

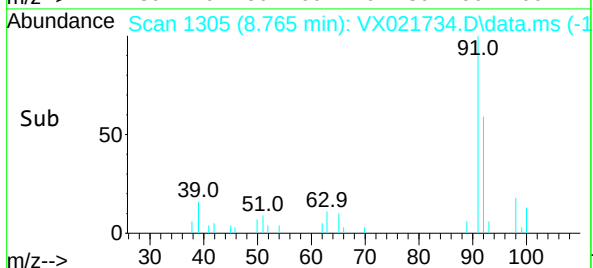
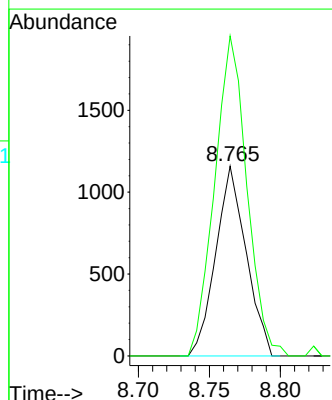
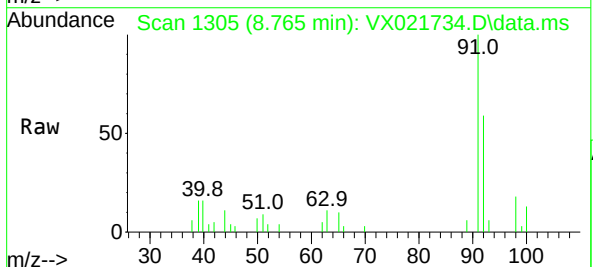
Acq: 02 Apr 2021 11:50

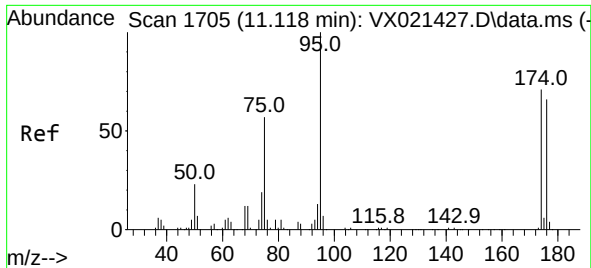
Tgt Ion: 92 Resp: 1725

Ion Ratio Lower Upper

92 100

91 178.6 137.1 205.7

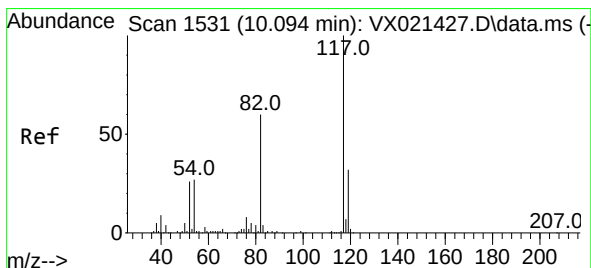
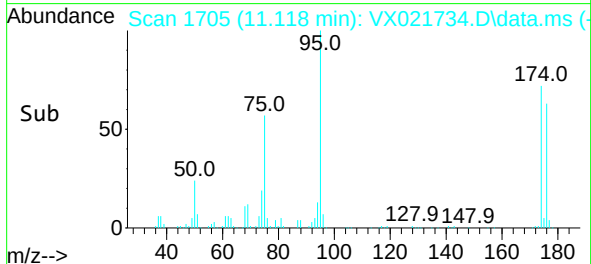
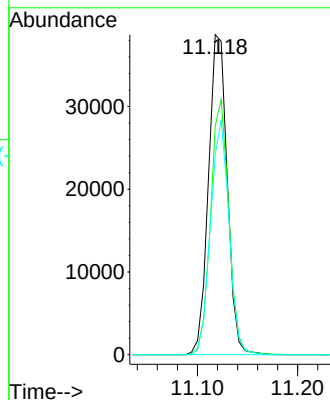
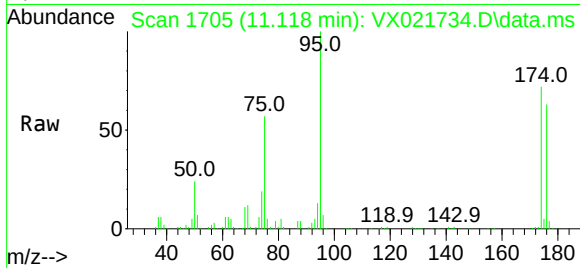




#62
4-Bromofluorobenzene
Concen: 49.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

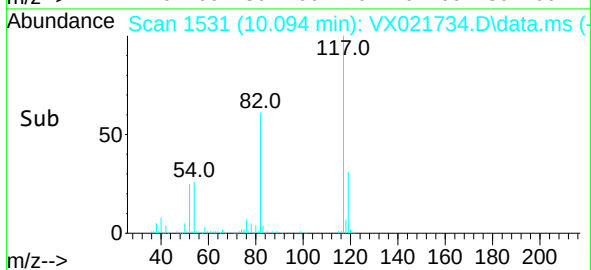
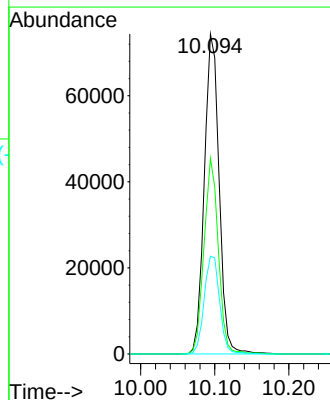
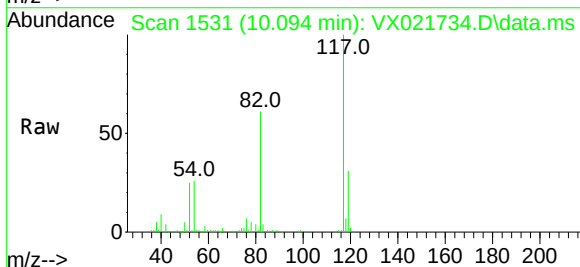
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

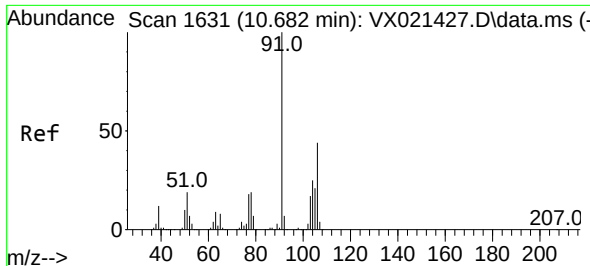
Tgt Ion:	95	Resp:	50224
Ion Ratio	Lower	Upper	
95	100		
174	77.6	0.0	154.6
176	72.2	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion:	117	Resp:	103238
Ion Ratio	Lower	Upper	
117	100		
82	61.1	47.4	71.2
119	30.5	26.6	39.8

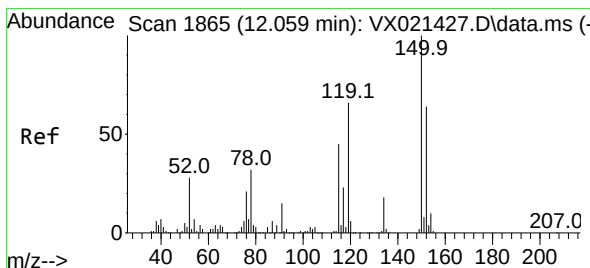
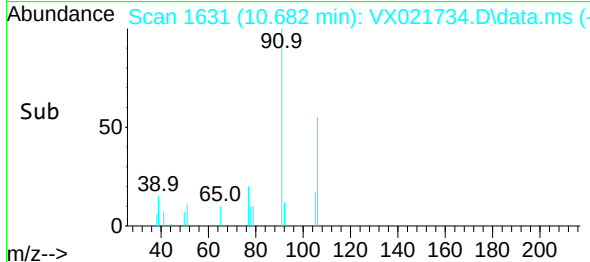
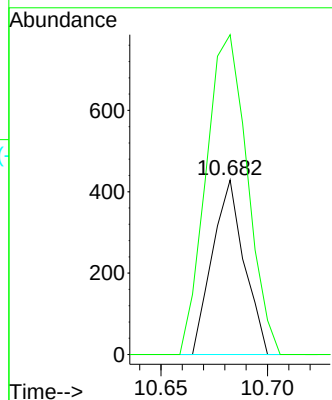
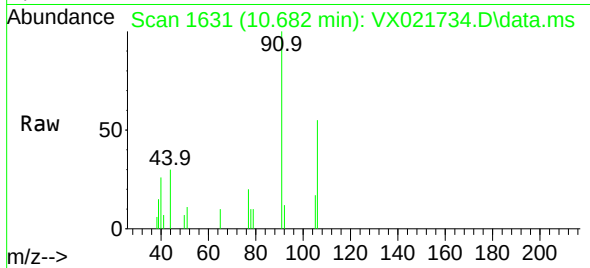




#69
o-Xylene
Concen: 0.34 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

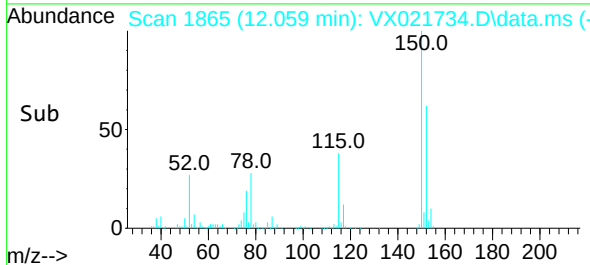
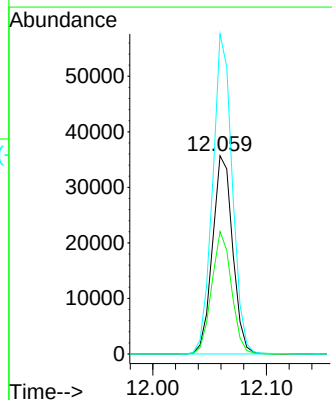
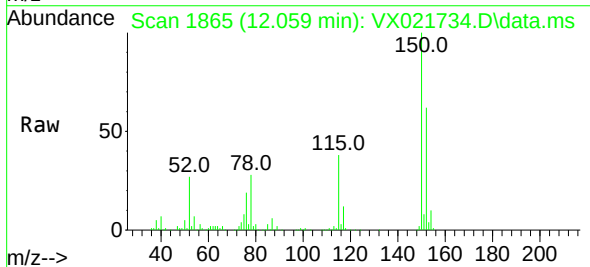
Instrument :
MSVOA_X
ClientSampled :
MW-1R

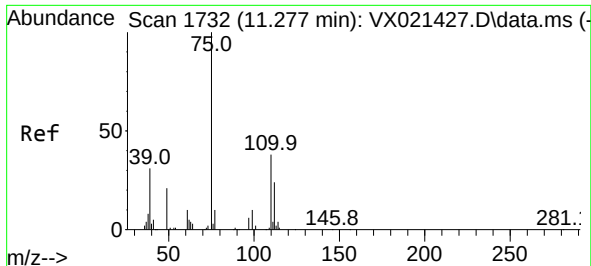
Tgt Ion:106 Resp: 445
Ion Ratio Lower Upper
106 100
91 238.0 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion:152 Resp: 43990
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 157.2 0.0 349.0

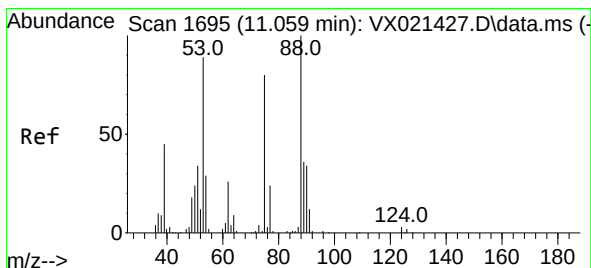
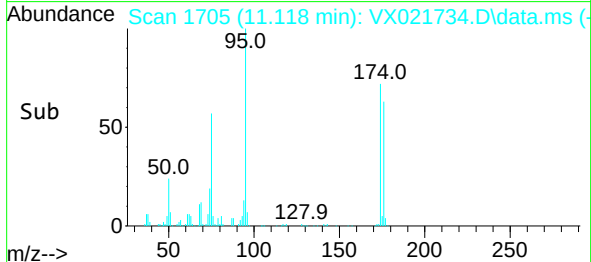
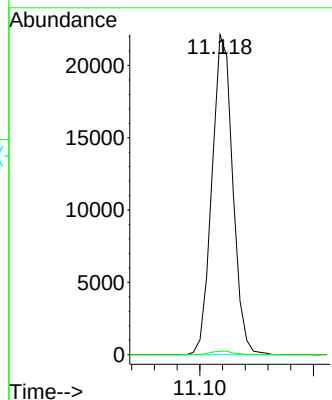
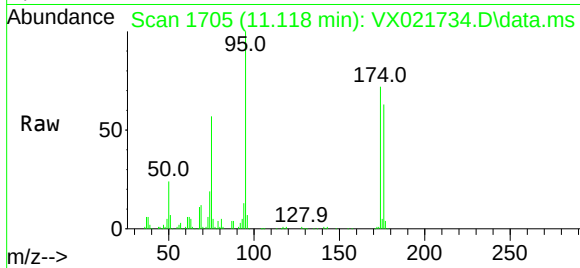




#76
1,2,3-Trichloropropane
Concen: 27.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 28121
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021734.D
Acq: 02 Apr 2021 11:50

Tgt Ion: 75 Resp: 28121
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

