

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021725.D
 Acq On : 01 Apr 2021 21:45
 Operator : JC/MD
 Sample : M1895-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Apr 02 03:34:22 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)

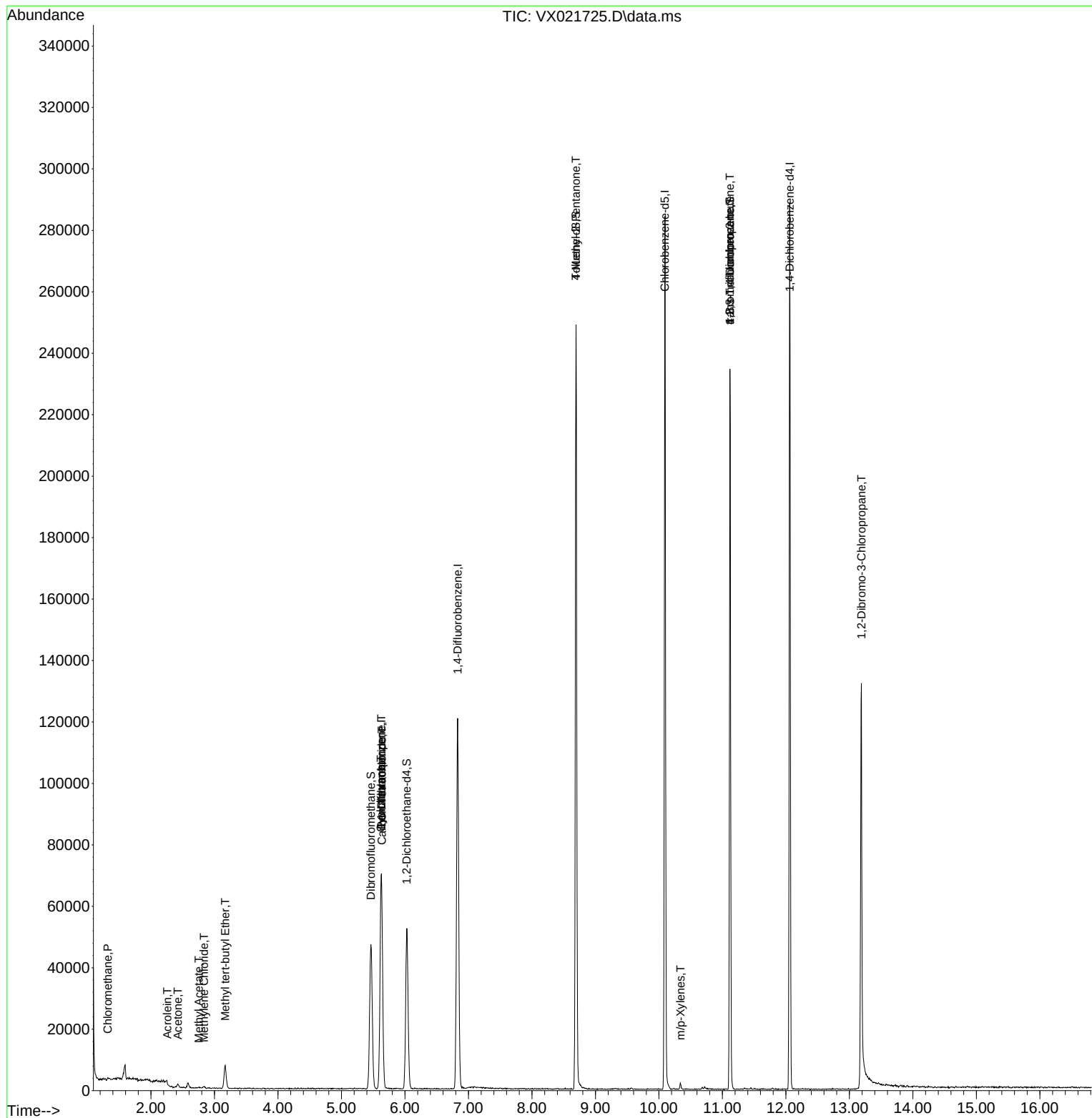
Internal Standards						
1) Pentafluorobenzene	5.629	168	61847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	112755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51279	49.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.66%		
35) Dibromofluoromethane	5.464	113	39841	49.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.48%		
50) Toluene-d8	8.694	98	142414	49.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.80%		
62) 4-Bromofluorobenzene	11.118	95	59224	53.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.74%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1210	1.59	ug/l	96
13) Acrolein	2.258	56	204	6.63	ug/l #	14
16) Acetone	2.423	43	1733	4.45	ug/l #	79
18) Methyl Acetate	2.752	43	539	0.48	ug/l #	63
19) Methyl tert-butyl Ether	3.170	73	7630	3.28	ug/l #	90
20) Methylene Chloride	2.834	84	250	0.33	ug/l #	81
31) Cyclohexane	5.623	56	1763	1.56	ug/l #	38
36) 1,1-Dichloropropene	5.629	75	5462	4.94	ug/l #	49
38) Carbon Tetrachloride	5.635	117	6847	5.77	ug/l #	15
51) 4-Methyl-2-Pentanone	8.694	43	872	0.68	ug/l #	1
68) m/p-Xylenes	10.341	106	401	0.26	ug/l #	70
76) 1,2,3-Trichloropropane	11.118	75	33515	27.31	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33515	83.19	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.189	75	223	2.62	ug/l #	1

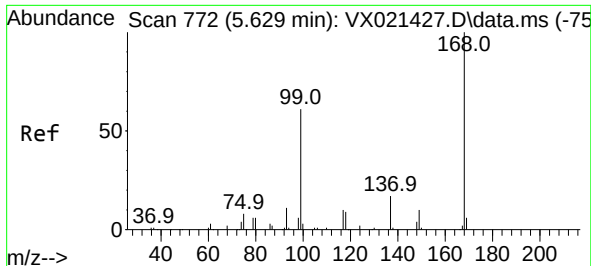
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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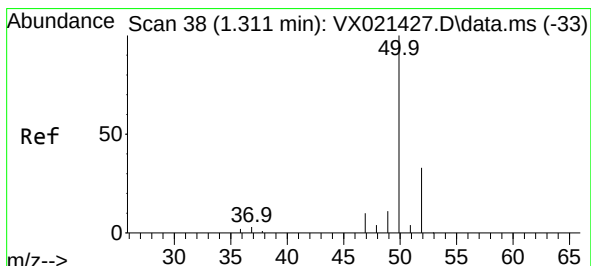
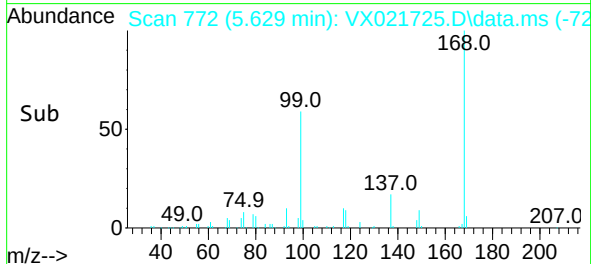
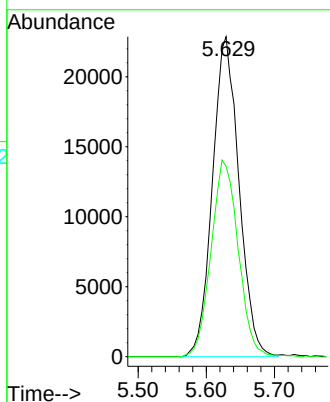
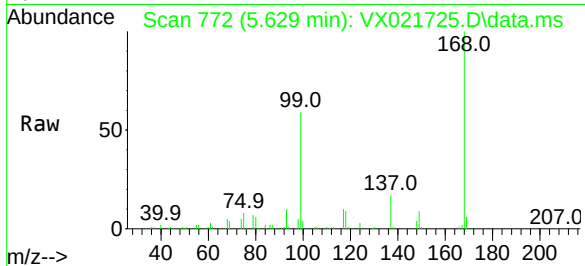




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

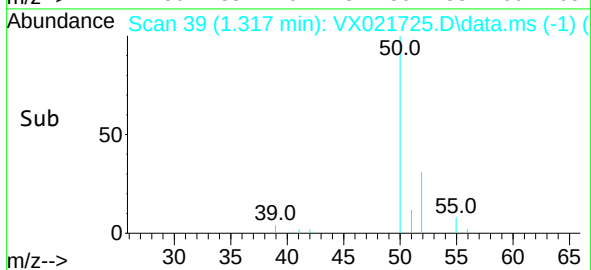
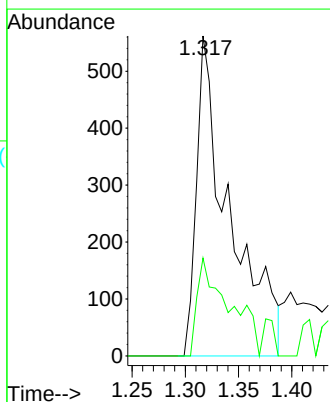
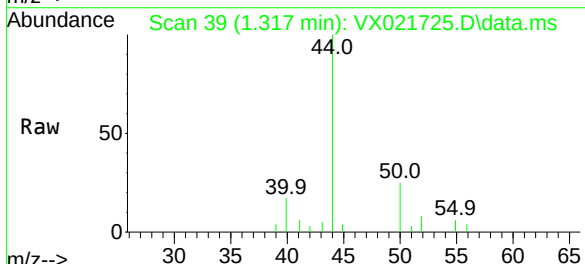
Instrument :
MSVOA_X
ClientSampleId :
MW-5

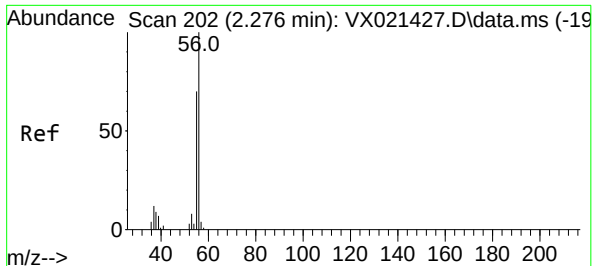
Tgt Ion:168 Resp: 61847
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 1.59 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion: 50 Resp: 1210
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

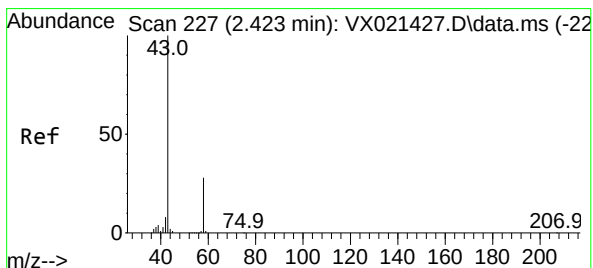
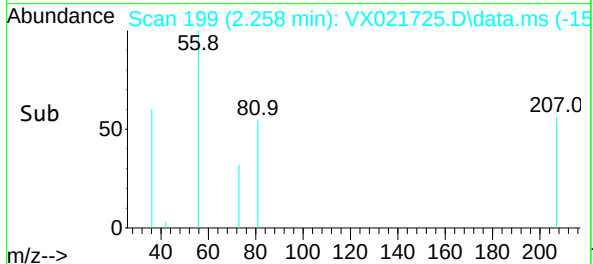
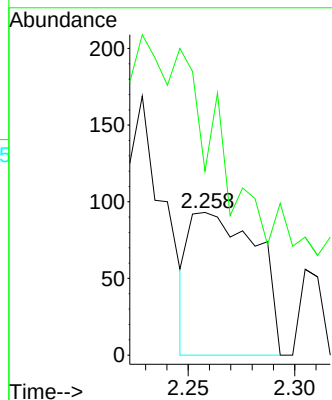
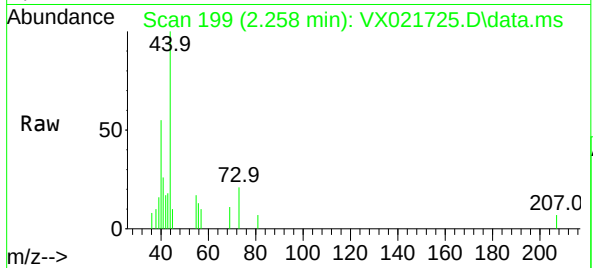




#13
Acrolein
Concen: 6.63 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

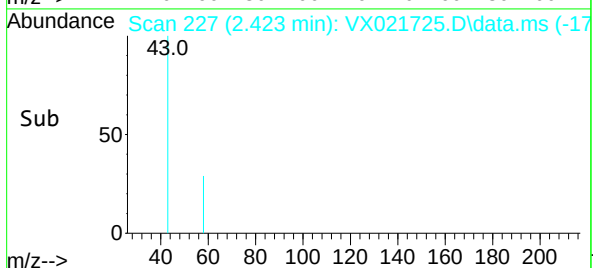
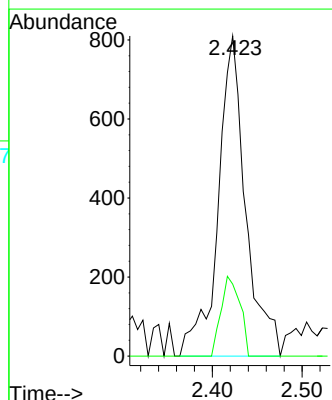
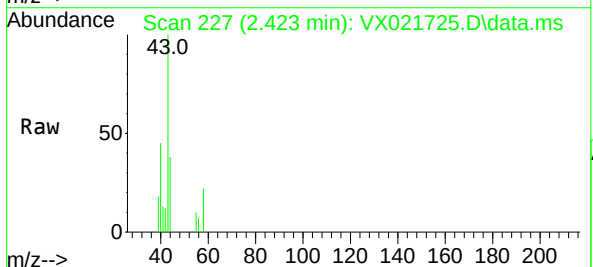
Instrument :
MSVOA_X
ClientSampled :
MW-5

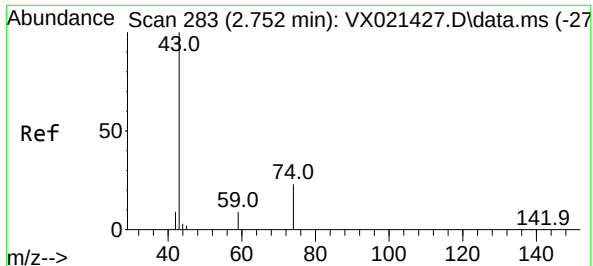
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.45 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 22.5 27.8 41.8#





#18

Methyl Acetate

Concen: 0.48 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021725.D

Acq: 01 Apr 2021 21:45

Instrument :

MSVOA_X

ClientSampleId :

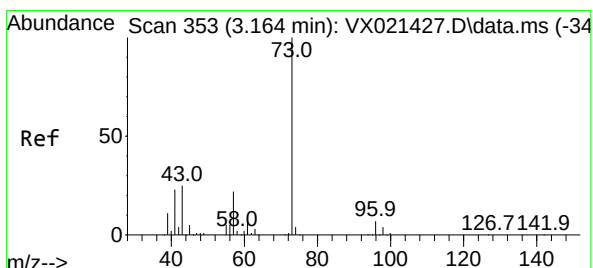
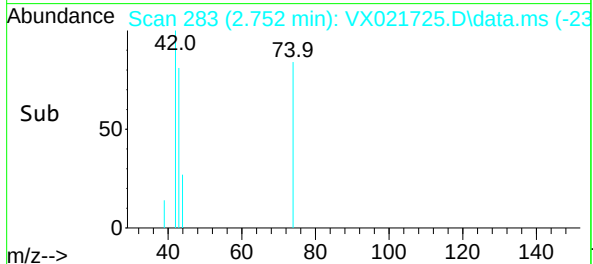
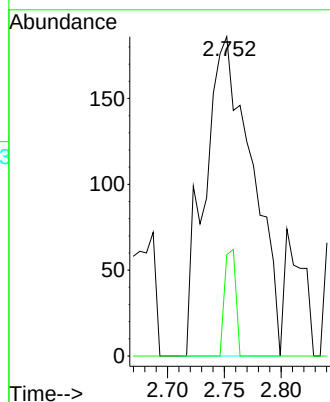
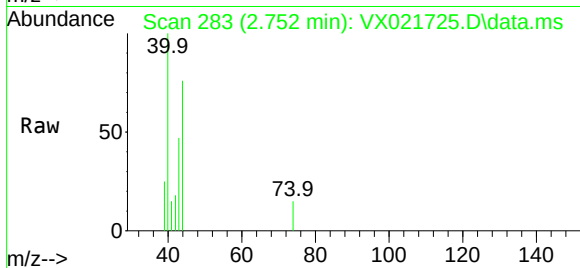
MW-5

Tgt Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

74 8.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 3.28 ug/l

RT: 3.170 min Scan# 354

Delta R.T. 0.006 min

Lab File: VX021725.D

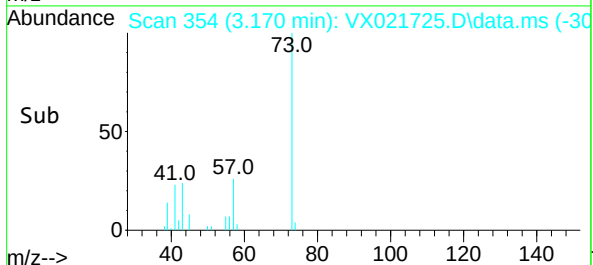
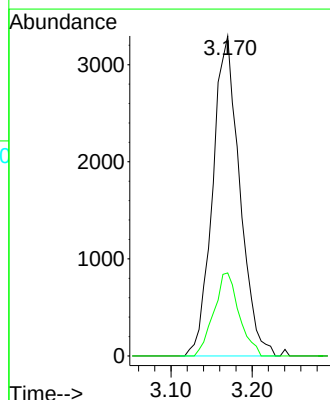
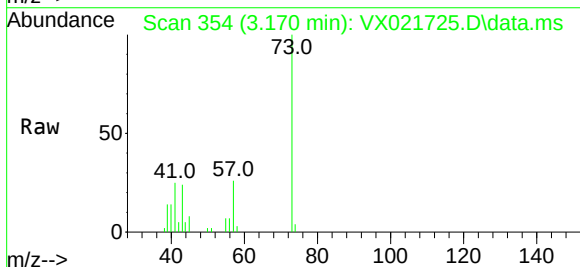
Acq: 01 Apr 2021 21:45

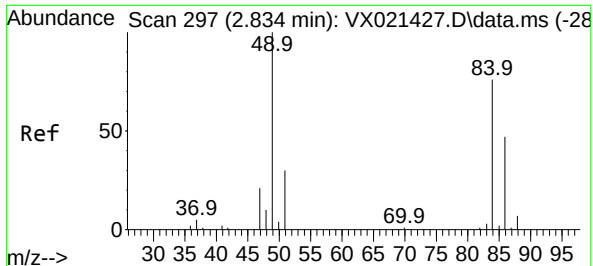
Tgt Ion: 73 Resp: 7630

Ion Ratio Lower Upper

73 100

57 26.0 17.1 25.7#



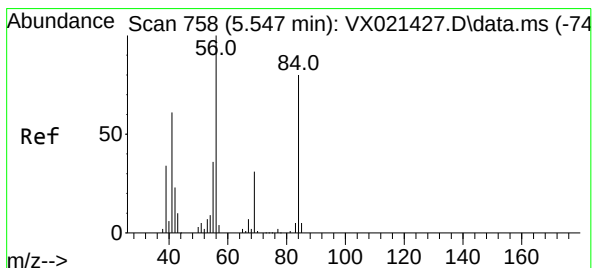
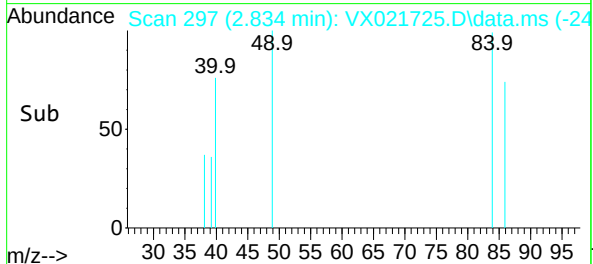
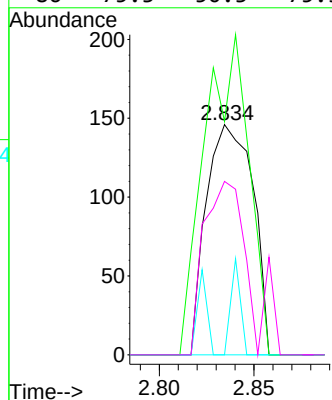
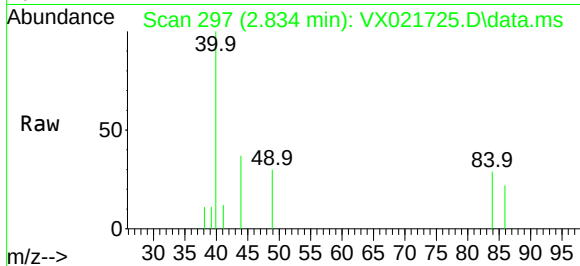


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tgt Ion: 84 Resp: 250

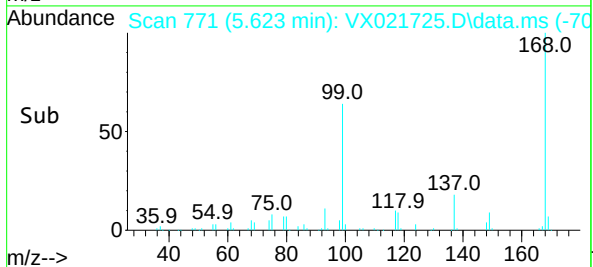
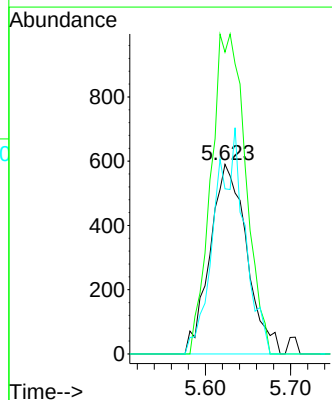
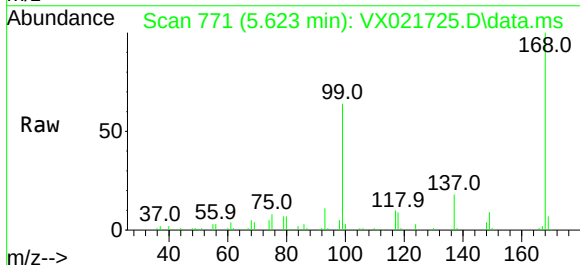
Ion	Ratio	Lower	Upper
84	100		
49	101.4	88.6	132.8
51	0.0	27.0	40.6#
86	75.3	50.3	75.5

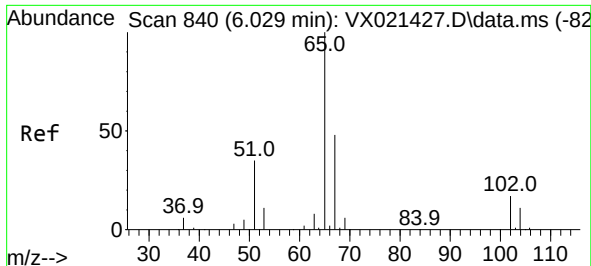


#31
Cyclohexane
Concen: 1.56 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion: 56 Resp: 1763

Ion	Ratio	Lower	Upper
56	100		
69	159.2	25.3	37.9#
84	87.1	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 49.83 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021725.D

Acq: 01 Apr 2021 21:45

Tgt Ion: 65 Resp: 51279

Ion Ratio Lower Upper

65 100

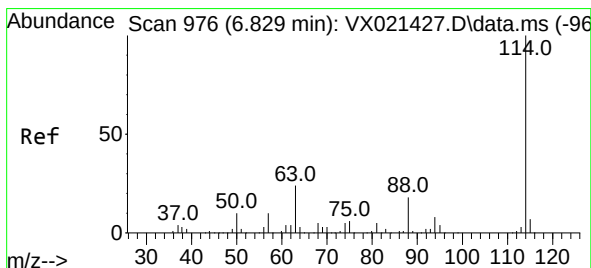
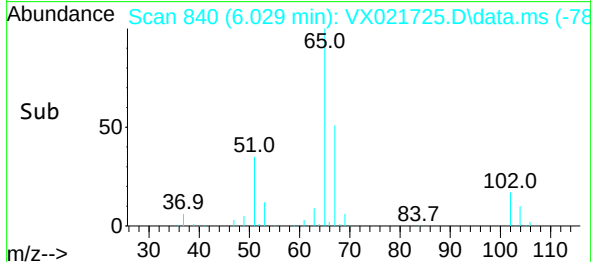
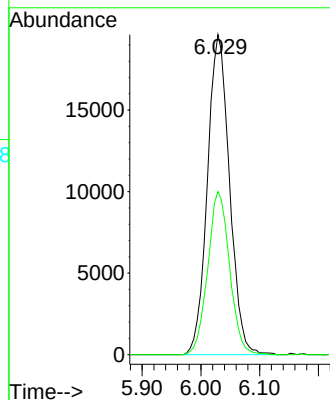
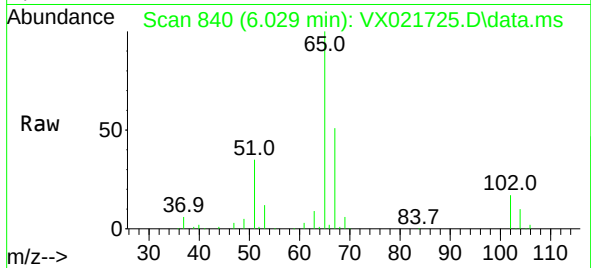
67 50.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

MW-5



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021725.D

Acq: 01 Apr 2021 21:45

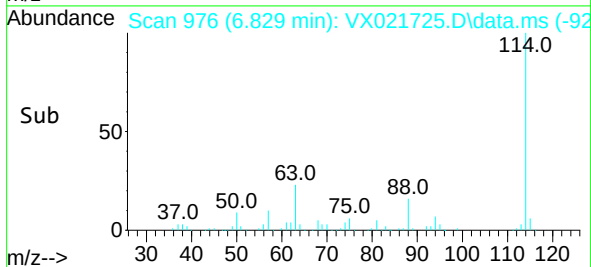
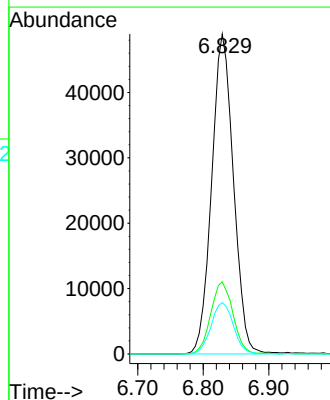
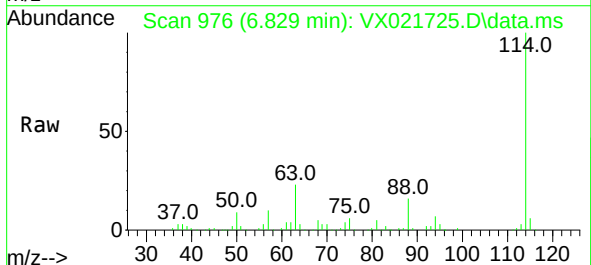
Tgt Ion: 114 Resp: 112755

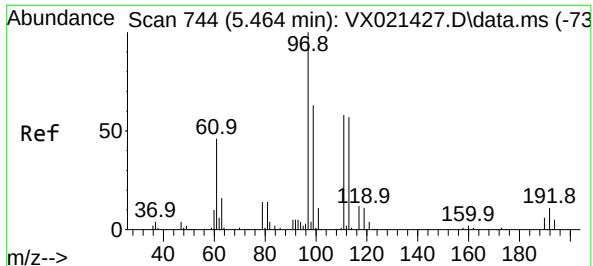
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

88 16.0 0.0 32.8

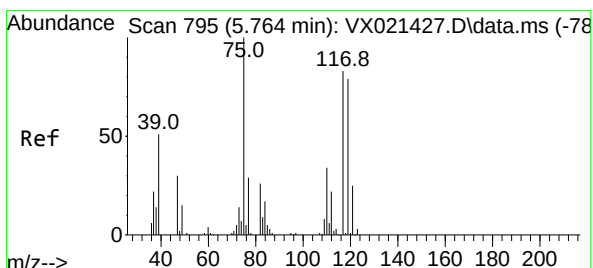
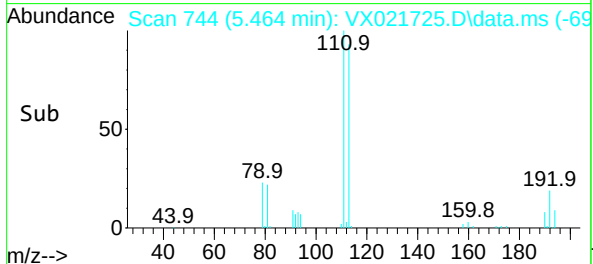
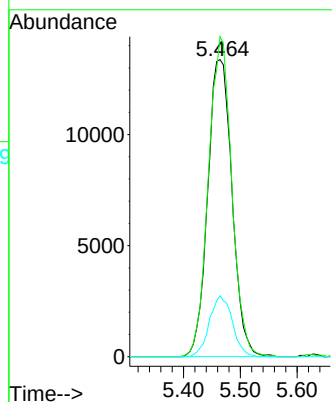
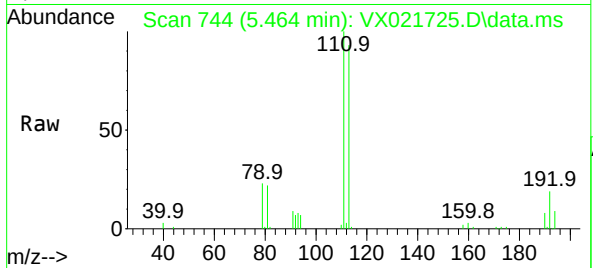




#35
Dibromofluoromethane
Concen: 49.74 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

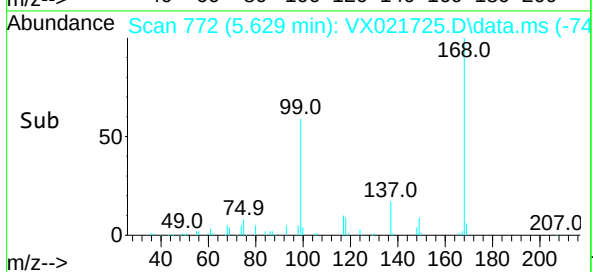
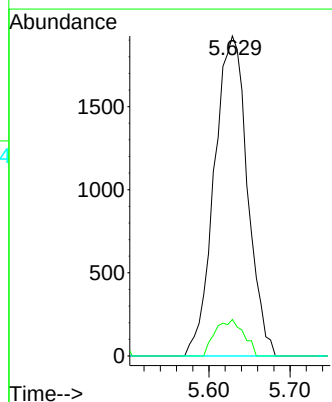
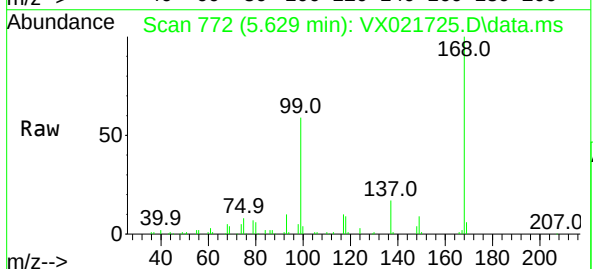
Instrument :
MSVOA_X
ClientSampleId :
MW-5

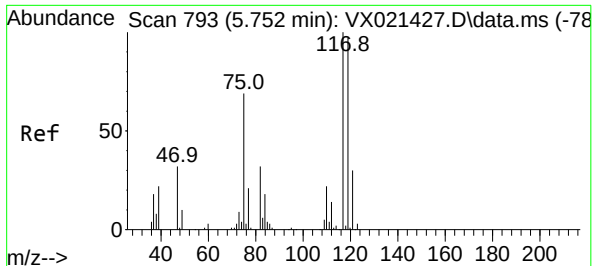
Tgt Ion:113 Resp: 39841
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

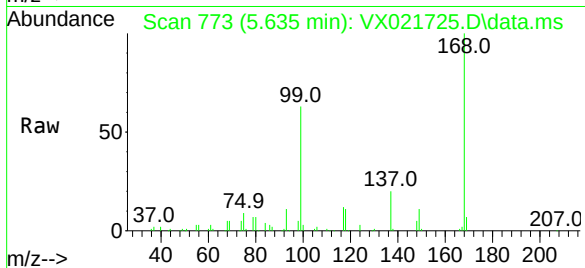
Tgt Ion: 75 Resp: 5462
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



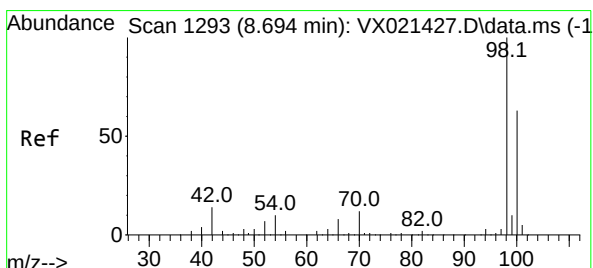
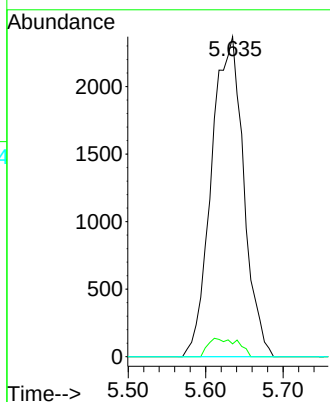
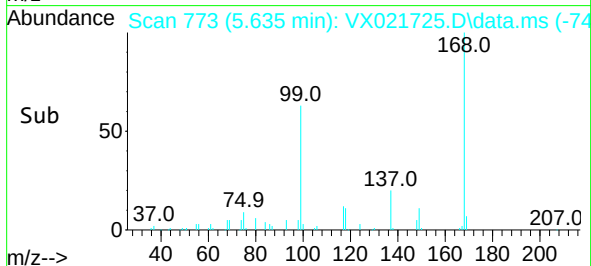


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

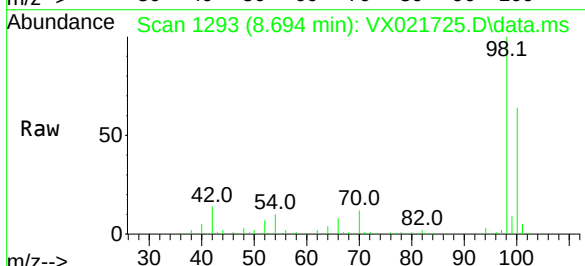
Instrument :
MSVOA_X
ClientSampleId :
MW-5



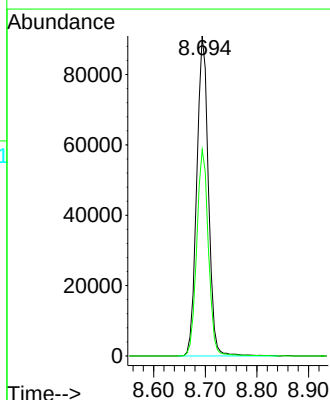
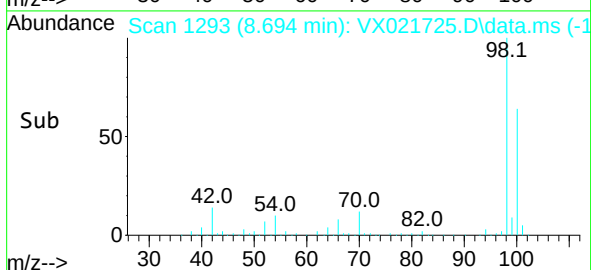
Tgt Ion: 117 Resp: 6847
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

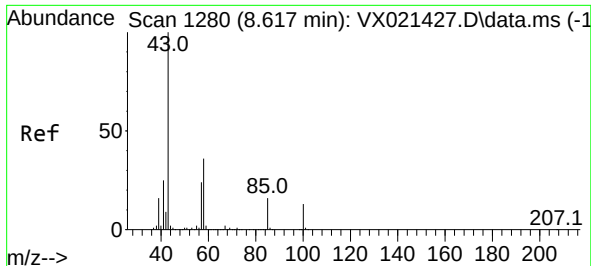


#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45



Tgt Ion: 98 Resp: 142414
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

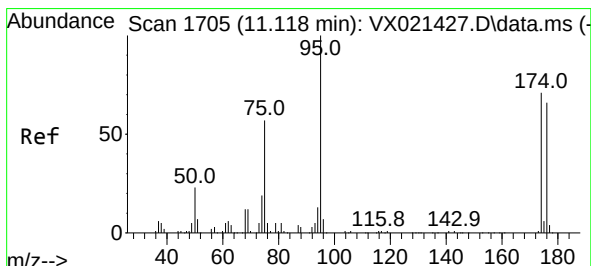
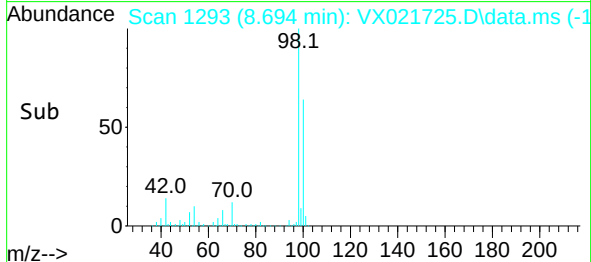
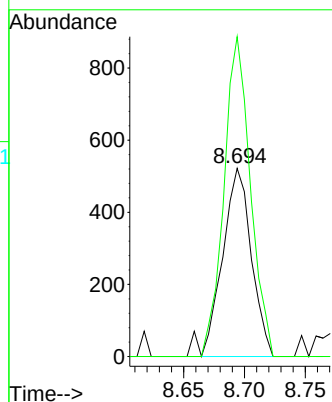
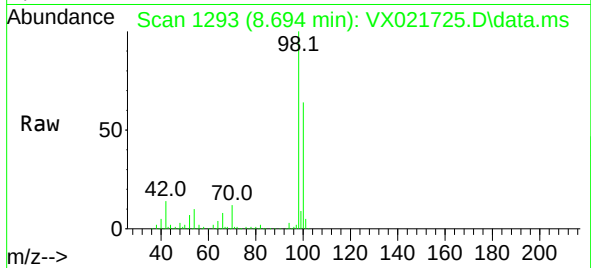




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

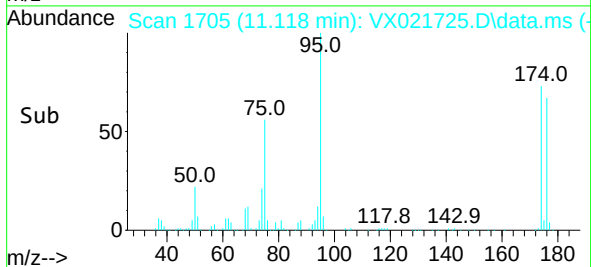
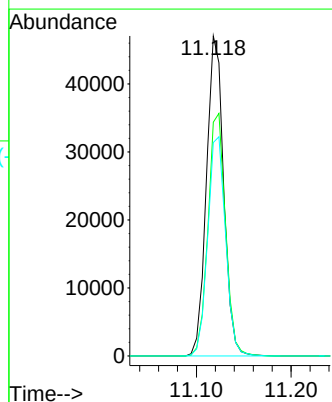
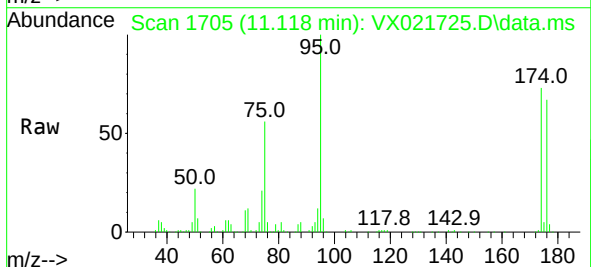
Instrument :
MSVOA_X
ClientSampled :
MW-5

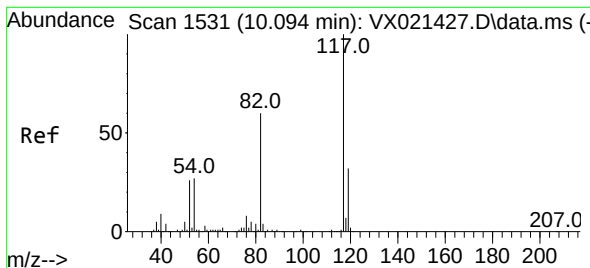
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 153.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.37 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion: 95 Resp: 59224
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 71.1 0.0 155.8

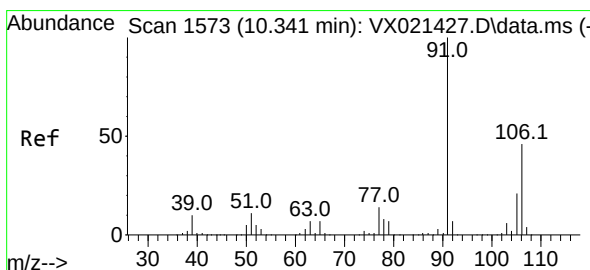
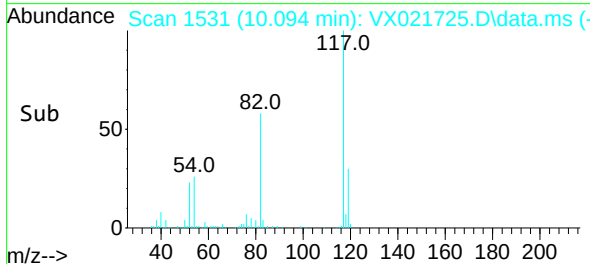
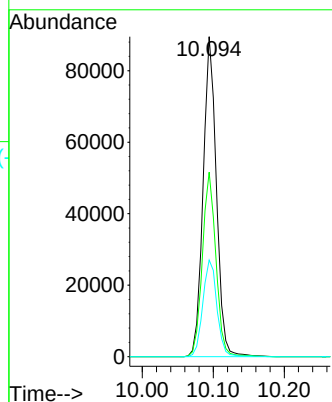
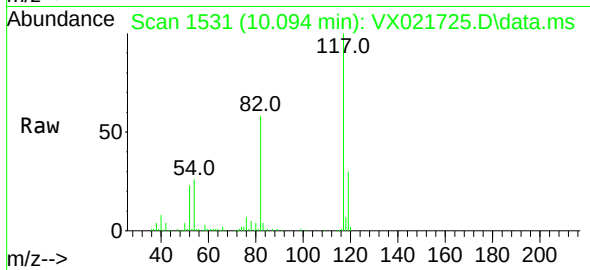




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

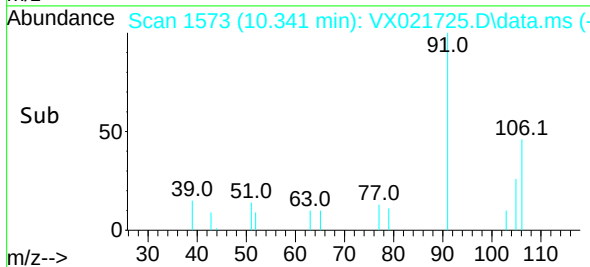
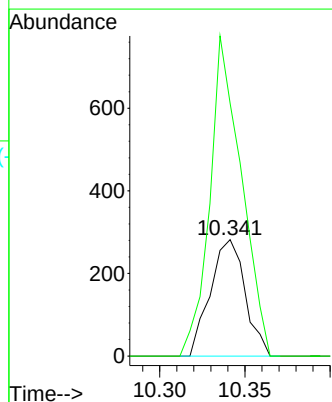
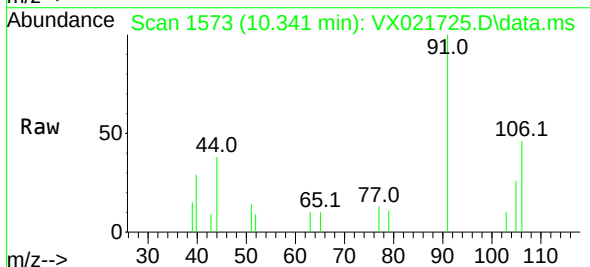
Instrument :
MSVOA_X
ClientSampleId :
MW-5

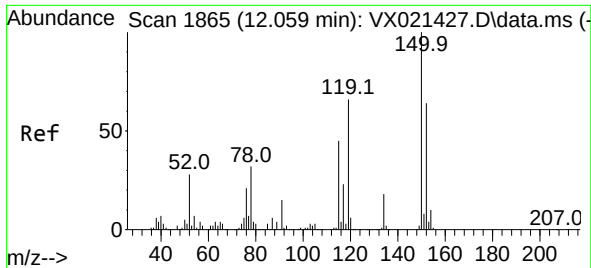
Tgt Ion:117 Resp: 116693
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.2 26.6 39.8



#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion:106 Resp: 401
Ion Ratio Lower Upper
106 100
91 249.4 162.8 244.2#

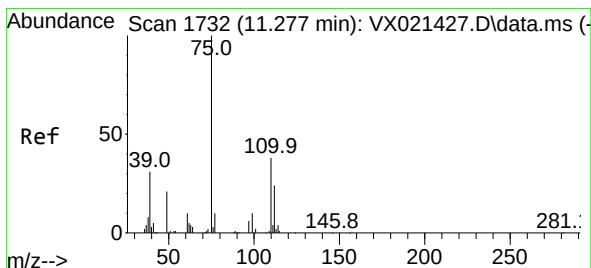
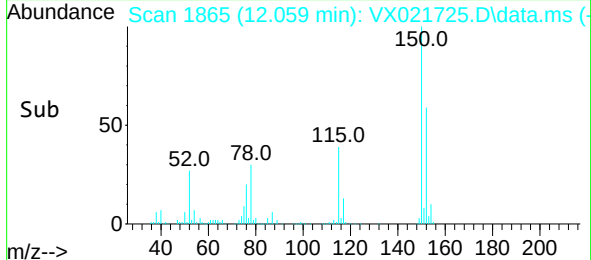
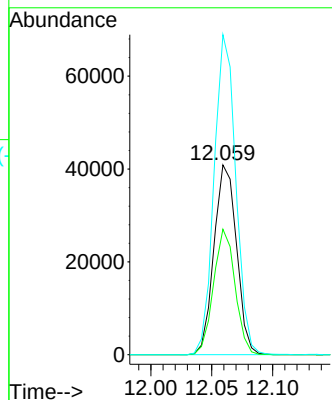
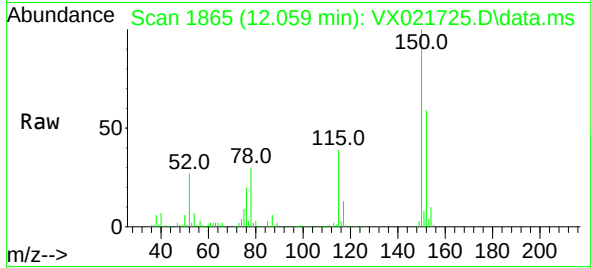




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021725.D
 Acq: 01 Apr 2021 21:45

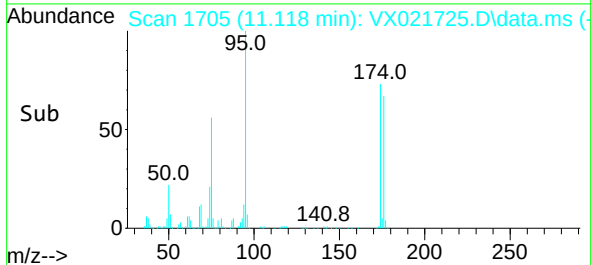
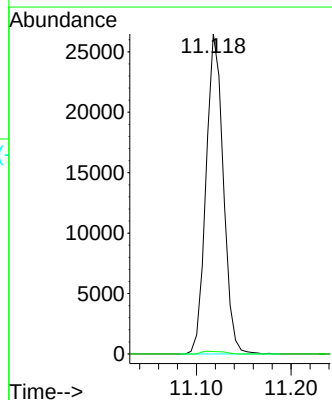
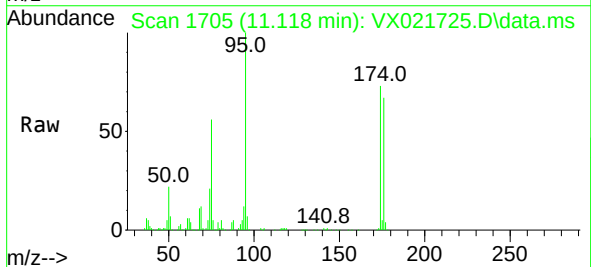
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

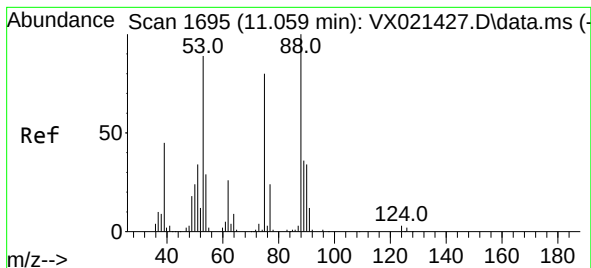
Tgt Ion:152 Resp: 52713
 Ion Ratio Lower Upper
 152 100
 115 63.2 41.1 123.3
 150 162.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.31 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021725.D
 Acq: 01 Apr 2021 21:45

Tgt Ion: 75 Resp: 33515
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

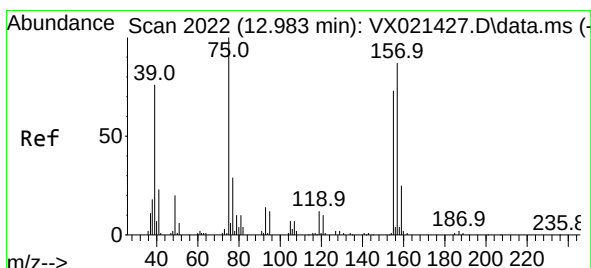
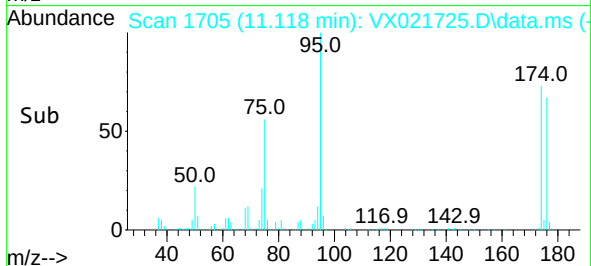
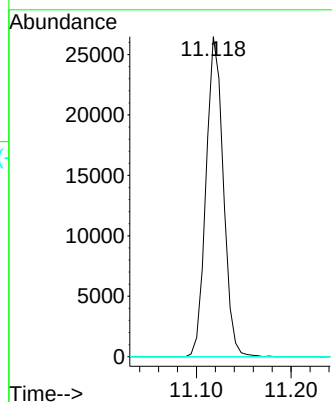
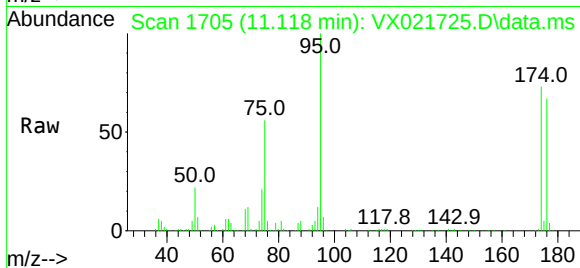




#81
trans-1,4-Dichloro-2-butene
Concen: 83.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tgt Ion: 75 Resp: 33515
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.62 ug/l
RT: 13.189 min Scan# 2057
Delta R.T. 0.206 min
Lab File: VX021725.D
Acq: 01 Apr 2021 21:45

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

