

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021726.D
 Acq On : 01 Apr 2021 22:08
 Operator : JC/MD
 Sample : M1895-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Apr 02 03:34:39 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)

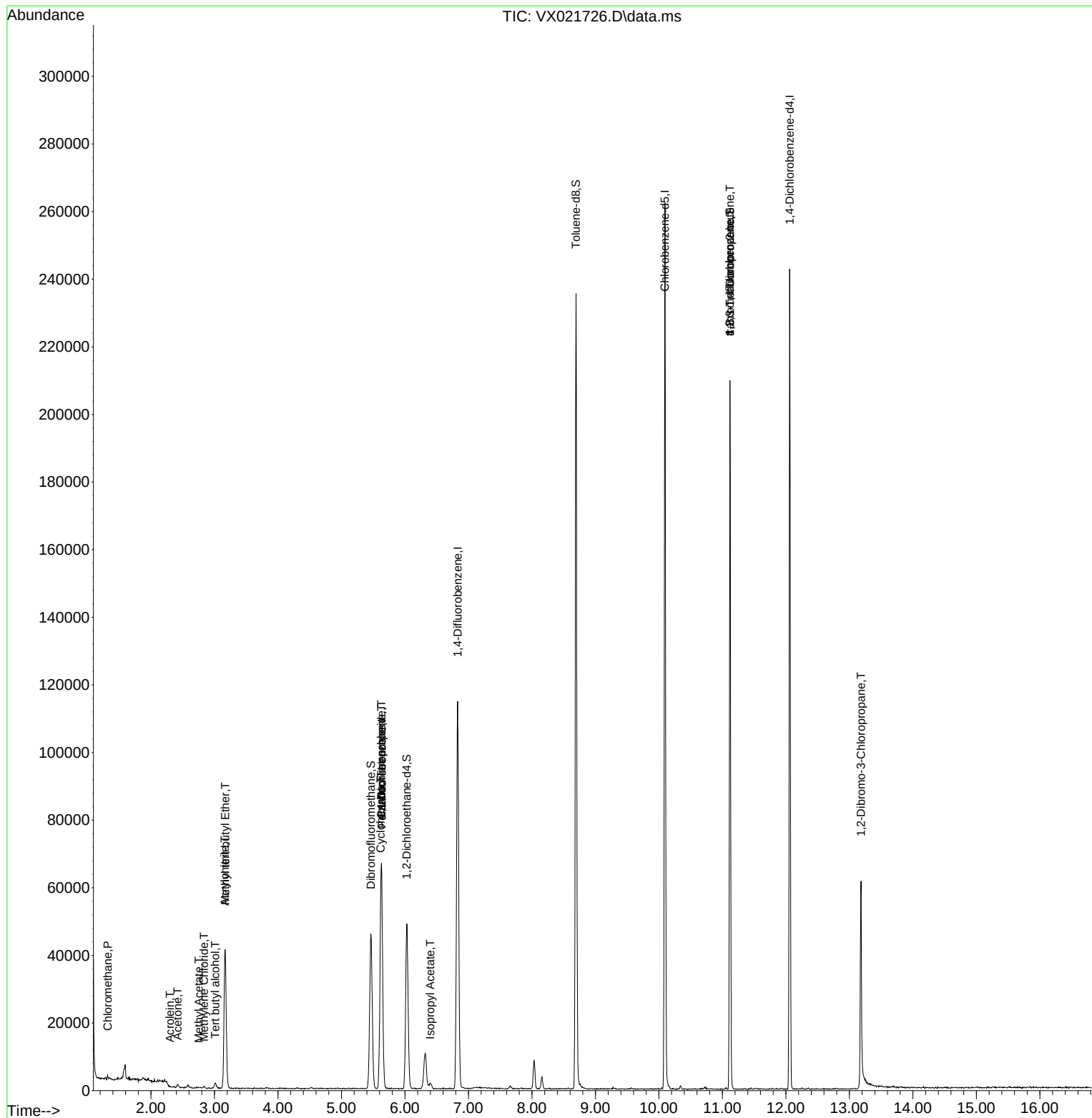
Internal Standards						
1) Pentafluorobenzene	5.635	168	58405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48665	50.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.16%			
35) Dibromofluoromethane	5.464	113	37827	49.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.14%			
50) Toluene-d8	8.694	98	135332	49.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.54%			
62) 4-Bromofluorobenzene	11.118	95	52306	49.48	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.96%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1322	1.83	ug/l #	87
11) Tert butyl alcohol	3.011	59	1406	8.75	ug/l #	73
13) Acrolein	2.299	56	39	4.77	ug/l #	1
15) Acrylonitrile	3.164	53	596	1.56	ug/l #	18
16) Acetone	2.417	43	1086	2.96	ug/l #	86
18) Methyl Acetate	2.752	43	550	0.52	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	43405	19.75	ug/l	99
20) Methylene Chloride	2.834	84	196	0.27	ug/l	87
31) Cyclohexane	5.617	56	1629	1.52	ug/l #	38
36) 1,1-Dichloropropene	5.629	75	5227	4.97	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6354	5.62	ug/l #	17
43) Isopropyl Acetate	6.400	43	591	0.30	ug/l #	51
76) 1,2,3-Trichloropropane	11.118	75	28815	27.33	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28815	83.25	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.183	75	94	2.29	ug/l #	1

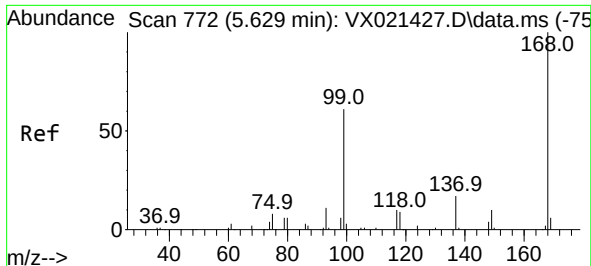
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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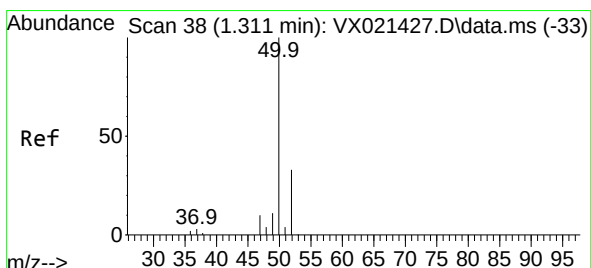
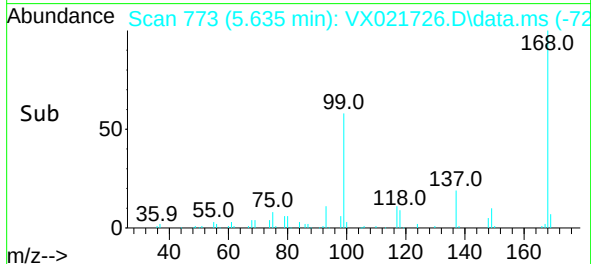
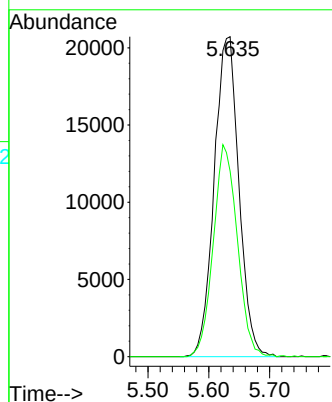
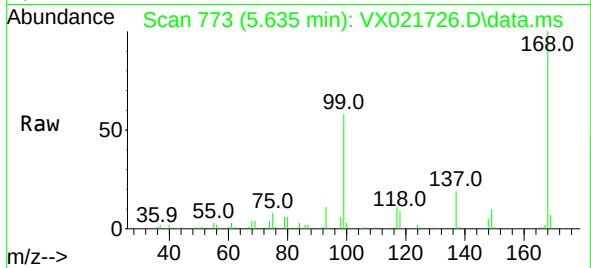




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

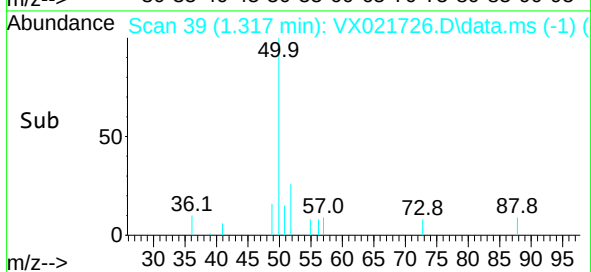
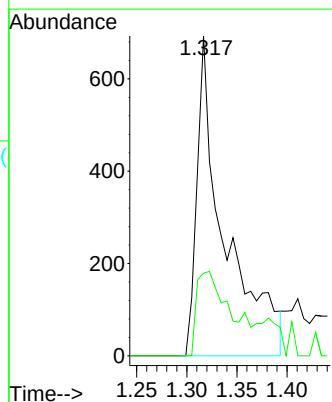
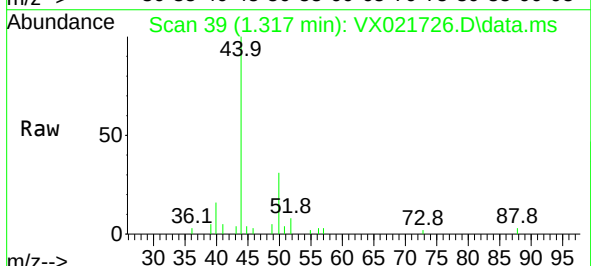
Instrument :
MSVOA_X
ClientSampled :
MW-6

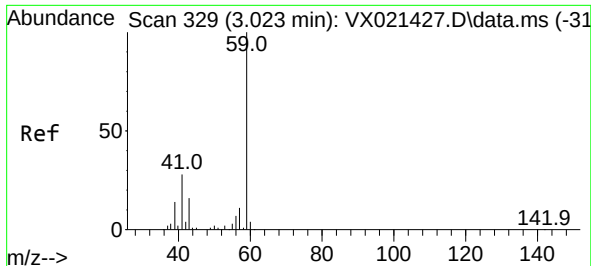
Tgt Ion:168 Resp: 58405
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 1.83 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion: 50 Resp: 1322
Ion Ratio Lower Upper
50 100
52 25.8 26.4 39.6#

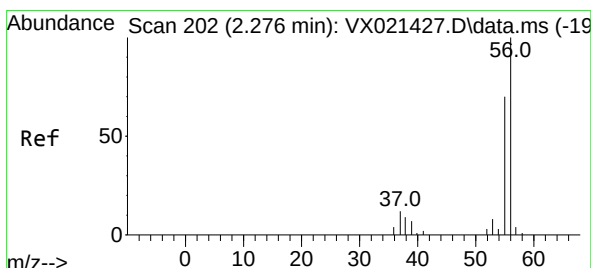
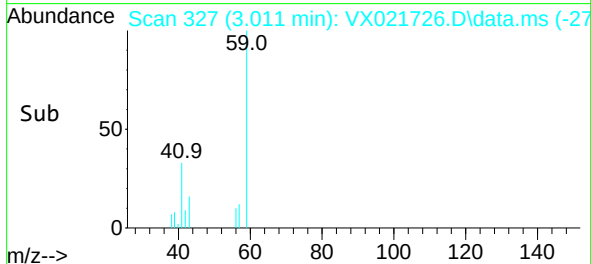
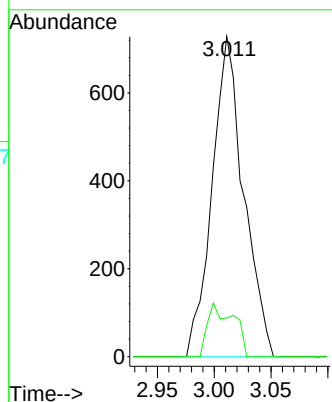
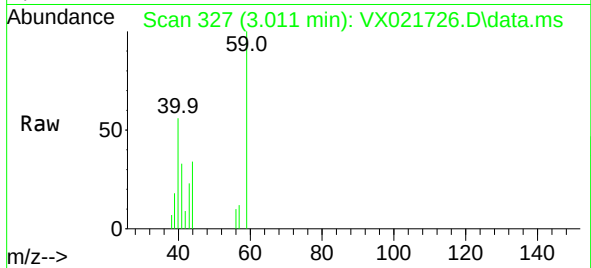




#11
Tert butyl alcohol
Concen: 8.75 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

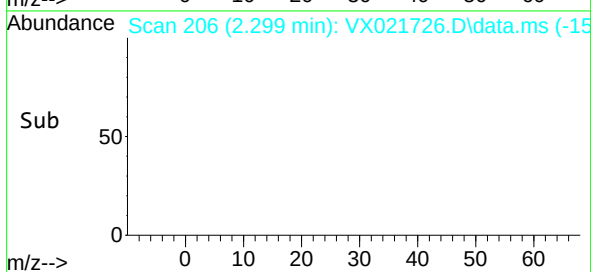
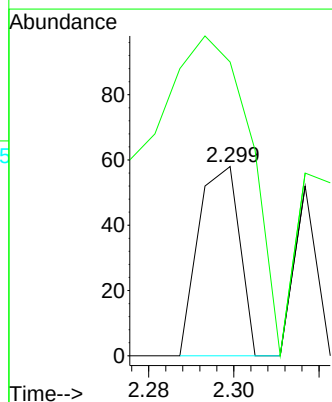
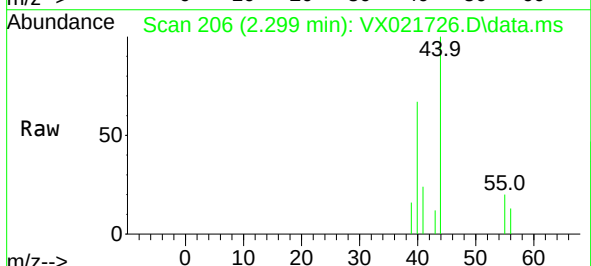
Instrument :
MSVOA_X
ClientSampled :
MW-6

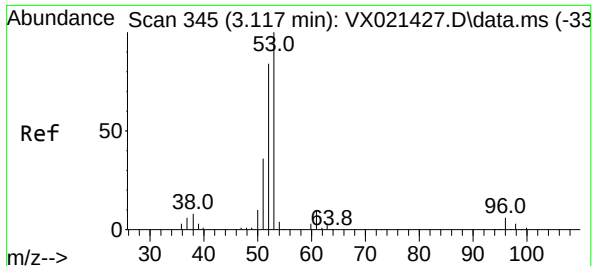
Tgt Ion: 59 Resp: 1406
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.77 ug/l
RT: 2.299 min Scan# 206
Delta R.T. 0.023 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 307.7 56.4 84.6#

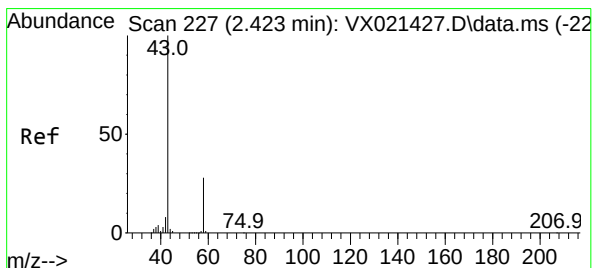
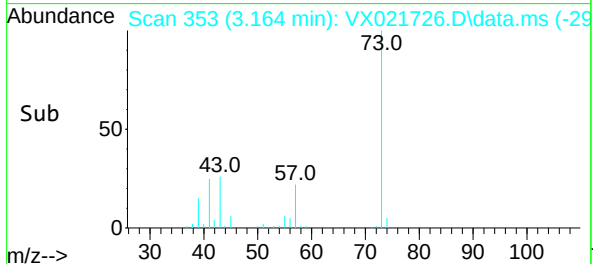
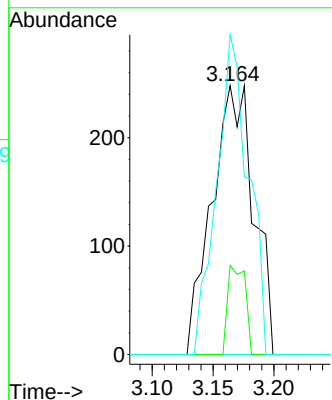
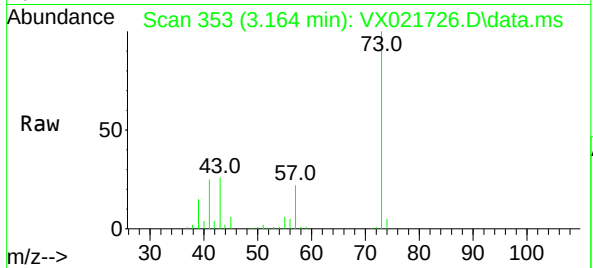




#15
Acrylonitrile
Concen: 1.56 ug/l
RT: 3.164 min Scan# 353
Delta R.T. 0.047 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

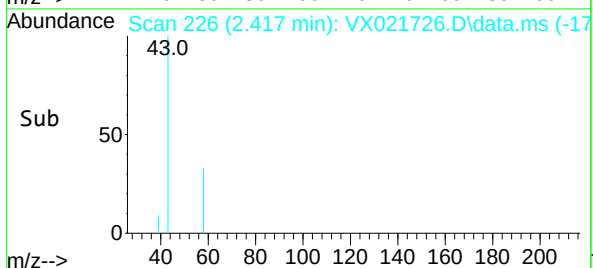
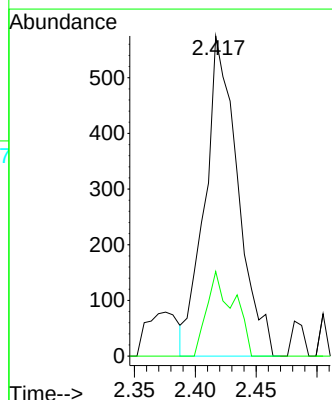
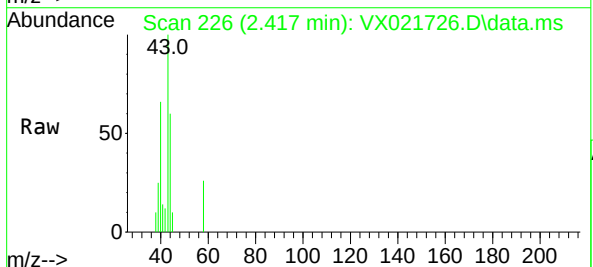
Instrument :
MSVOA_X
ClientSampled :
MW-6

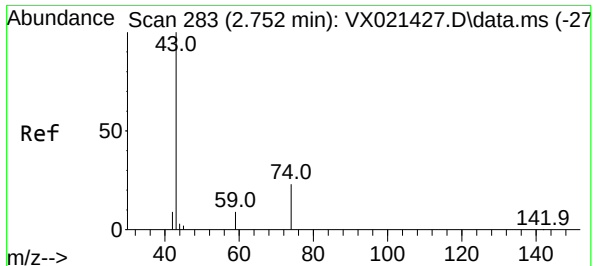
Tgt Ion: 53 Resp: 596
Ion Ratio Lower Upper
53 100
52 13.8 65.3 97.9#
51 90.1 28.2 42.2#



#16
Acetone
Concen: 2.96 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#

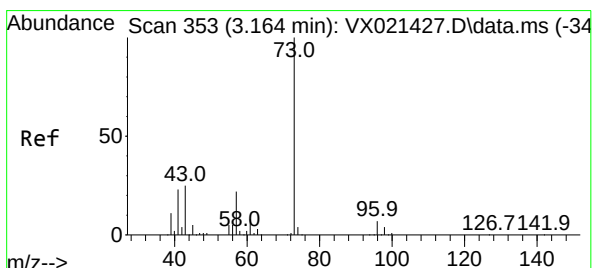
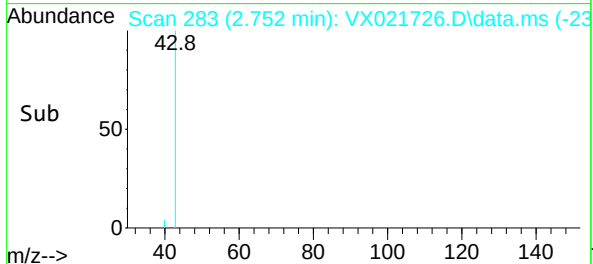
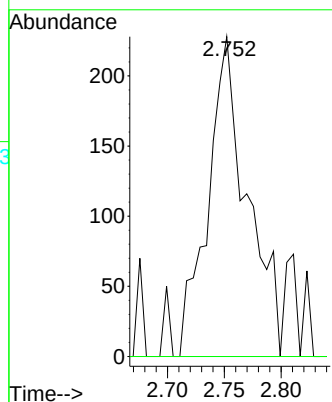
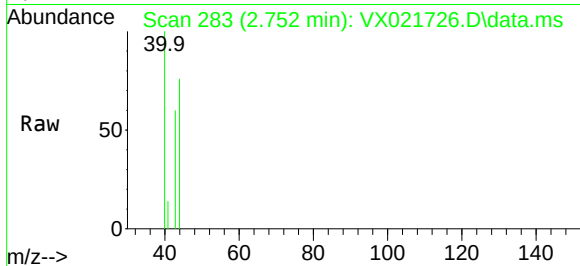




#18
Methyl Acetate
Concen: 0.52 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

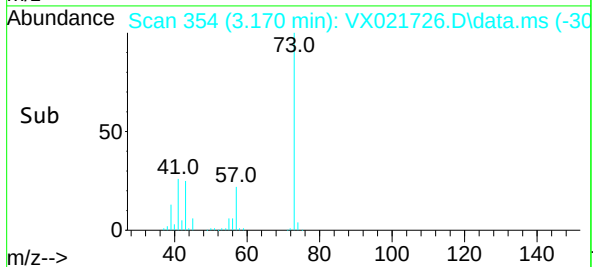
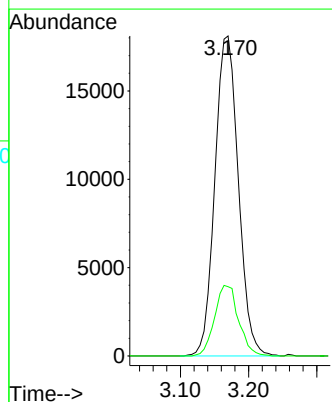
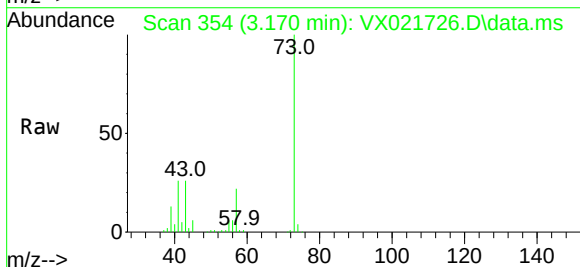
Instrument :
MSVOA_X
ClientSampled :
MW-6

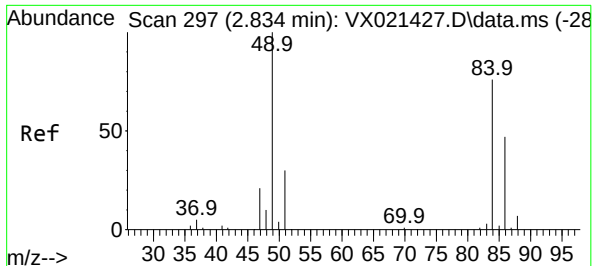
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 19.75 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion: 73 Resp: 43405
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7





#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021726.D

Acq: 01 Apr 2021 22:08

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tgt Ion: 84 Resp: 196

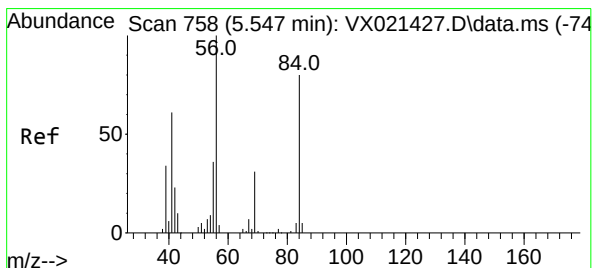
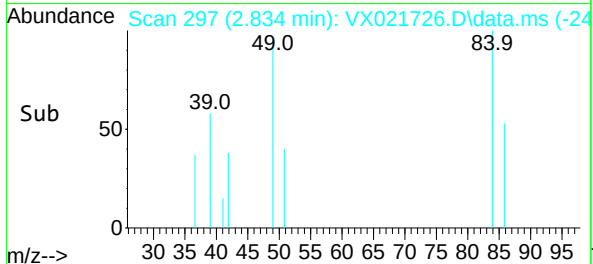
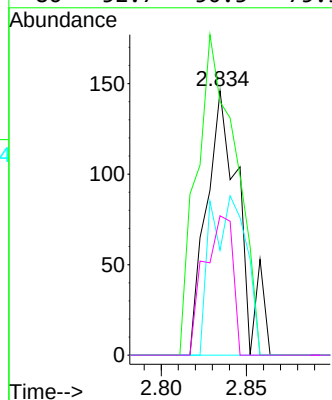
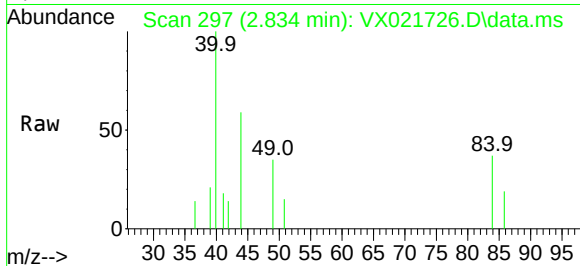
Ion Ratio Lower Upper

84 100

49 95.9 88.6 132.8

51 39.7 27.0 40.6

86 52.7 50.3 75.5



#31

Cyclohexane

Concen: 1.52 ug/l

RT: 5.617 min Scan# 770

Delta R.T. 0.070 min

Lab File: VX021726.D

Acq: 01 Apr 2021 22:08

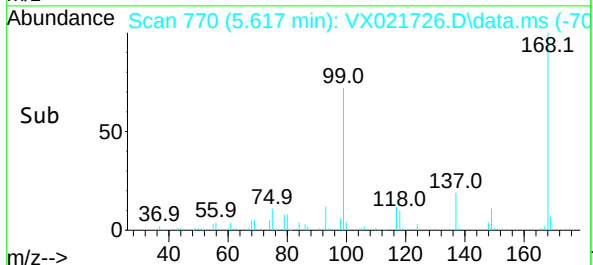
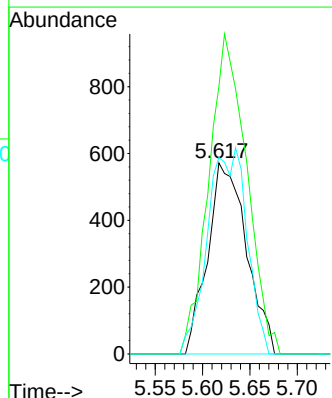
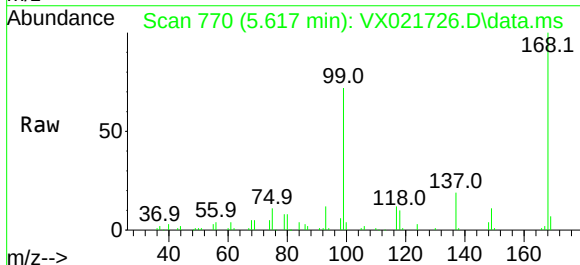
Tgt Ion: 56 Resp: 1629

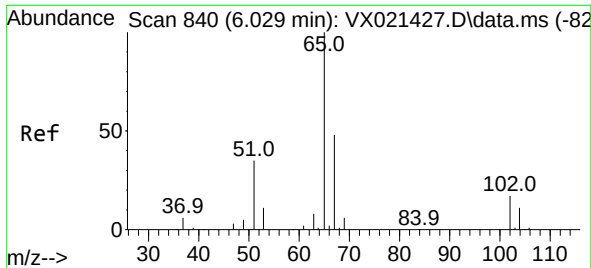
Ion Ratio Lower Upper

56 100

69 140.0 25.3 37.9#

84 102.8 71.4 107.0

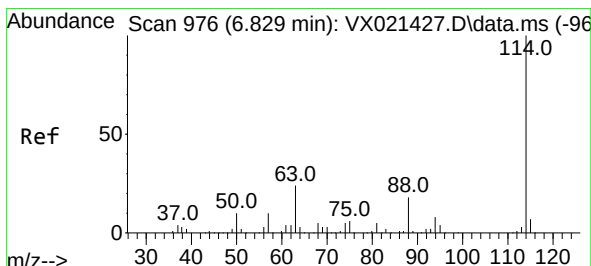
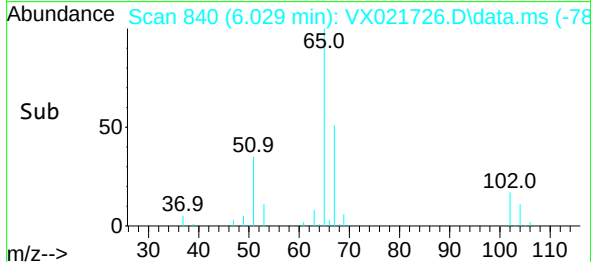
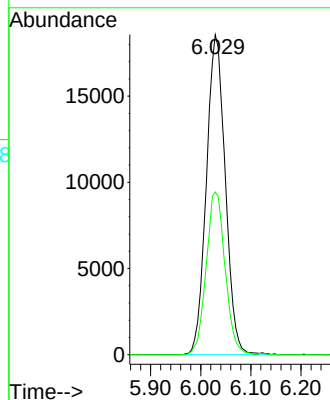
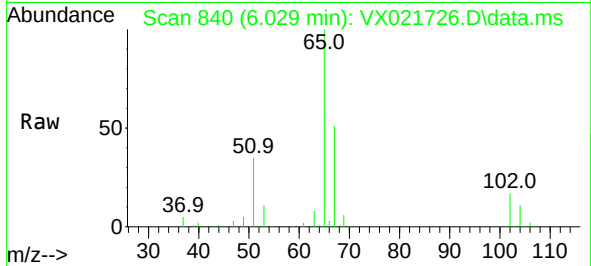




#33
 1,2-Dichloroethane-d4
 Concen: 50.08 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021726.D
 Acq: 01 Apr 2021 22:08

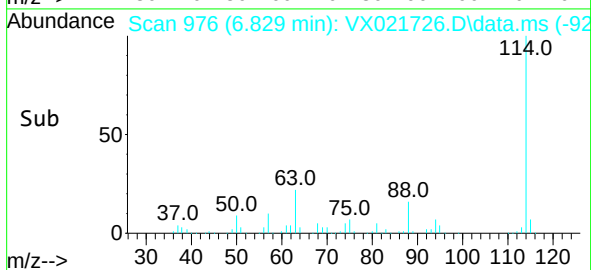
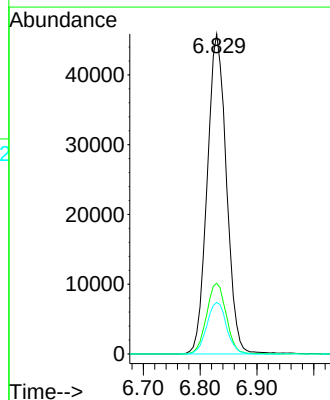
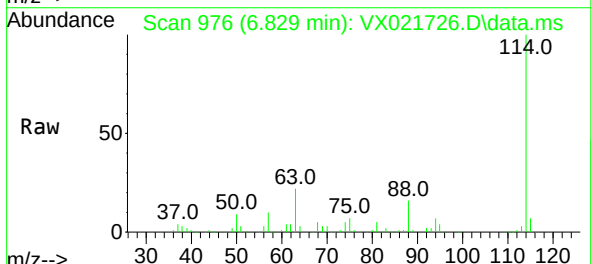
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 MW-6

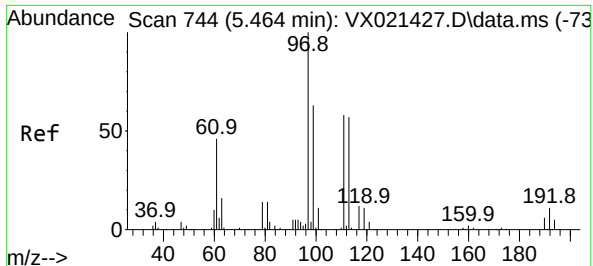
Tgt Ion: 65 Resp: 48665
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021726.D
 Acq: 01 Apr 2021 22:08

Tgt Ion: 114 Resp: 107420
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.8
 88 16.1 0.0 32.8

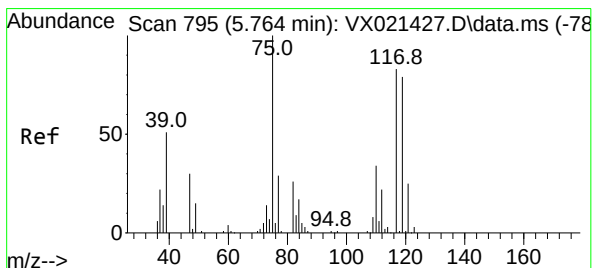
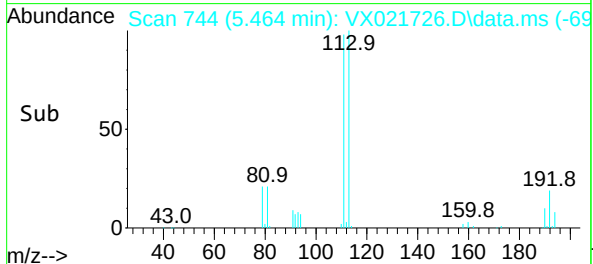
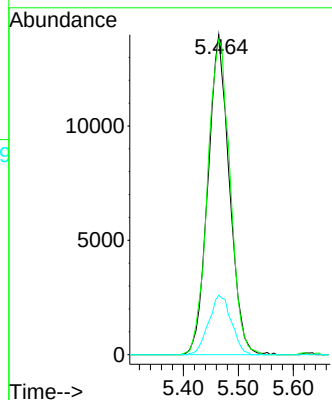
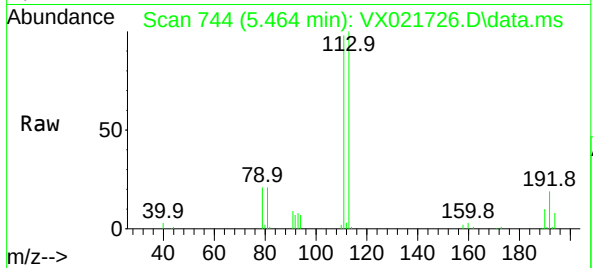




#35
Dibromofluoromethane
Concen: 49.57 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

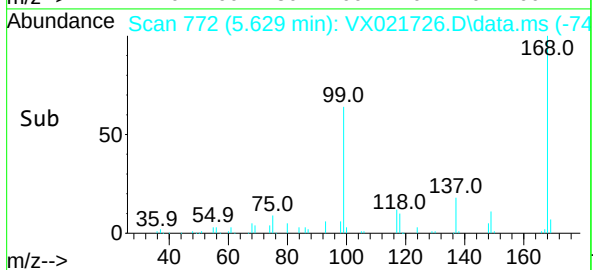
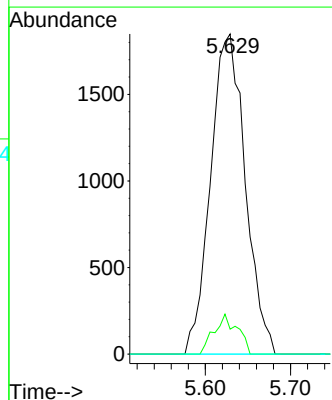
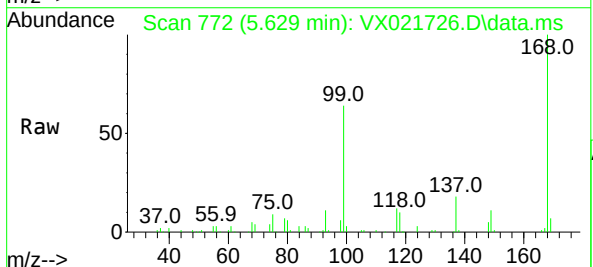
Instrument :
MSVOA_X
ClientSampled :
MW-6

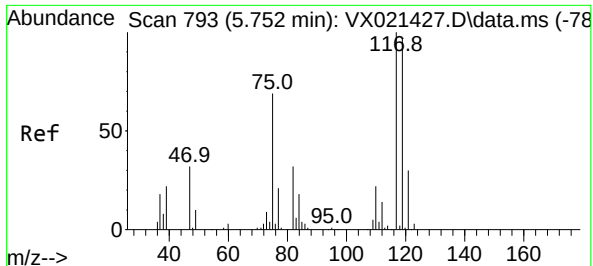
Tgt Ion:113 Resp: 37827
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

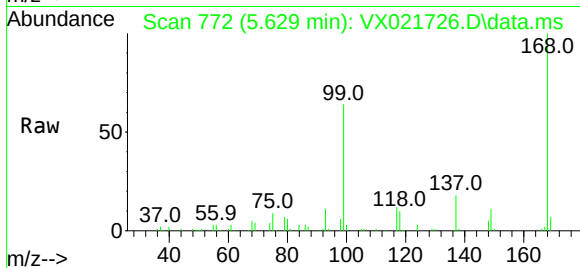
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



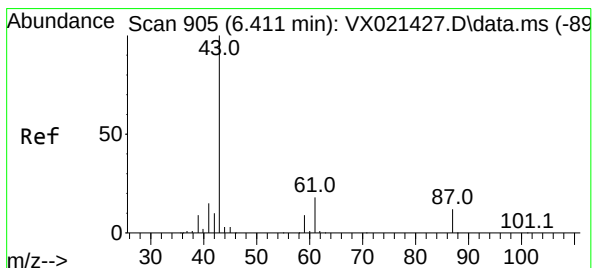
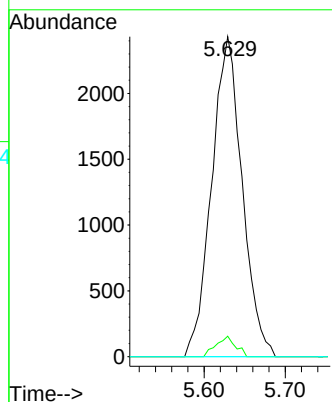
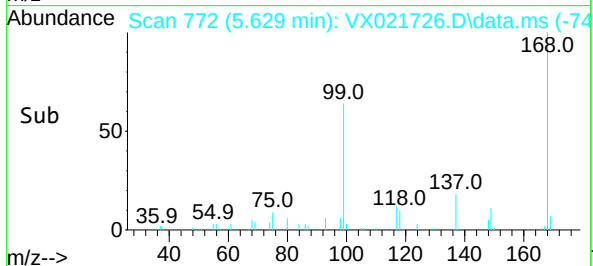


#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

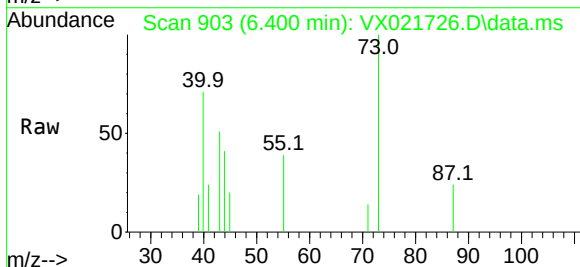
Instrument :
MSVOA_X
ClientSampled :
MW-6



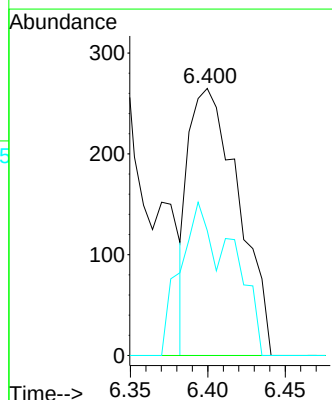
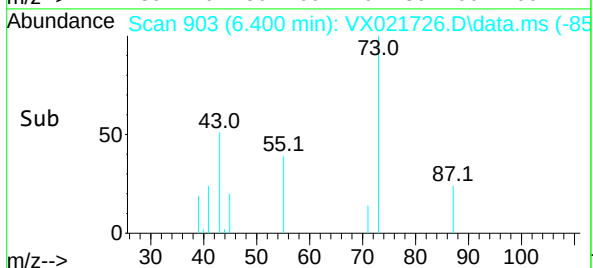
Tgt Ion:117 Resp: 6354
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

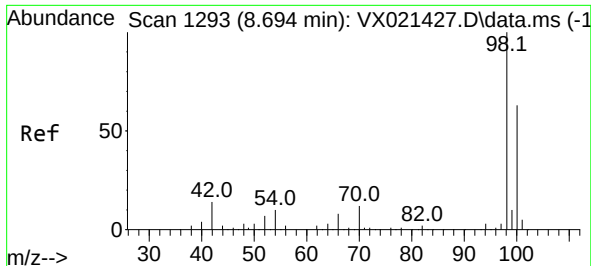


#43
Isopropyl Acetate
Concen: 0.30 ug/l
RT: 6.400 min Scan# 903
Delta R.T. -0.011 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08



Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 37.7 12.5 18.7#

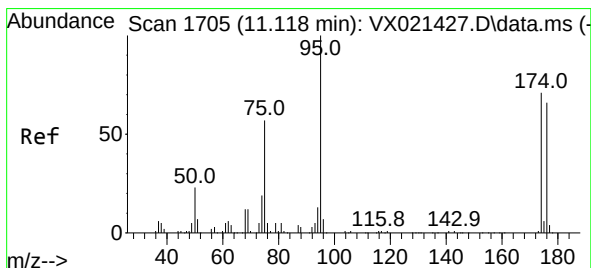
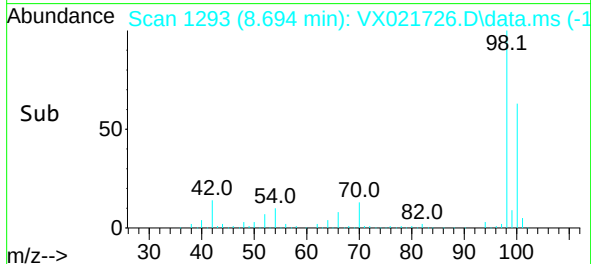
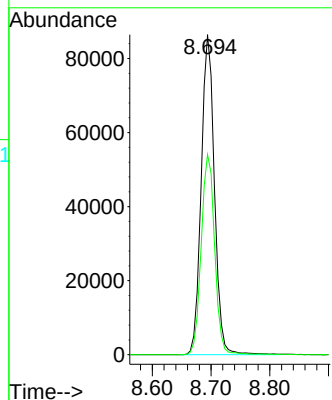
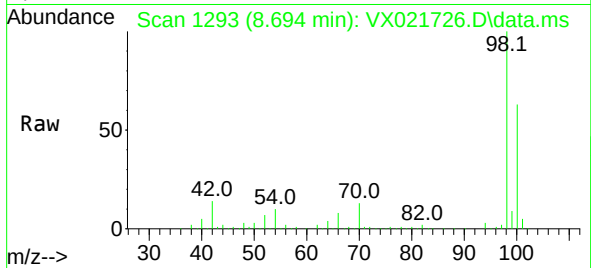




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

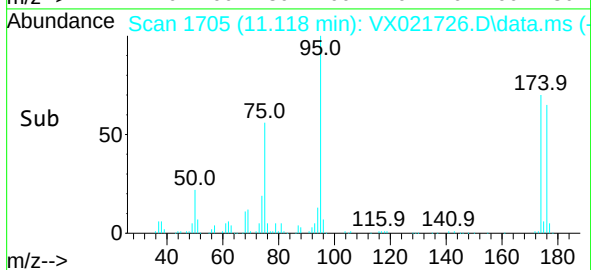
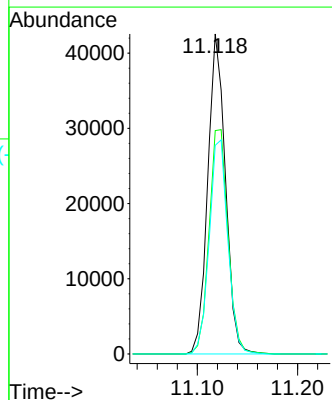
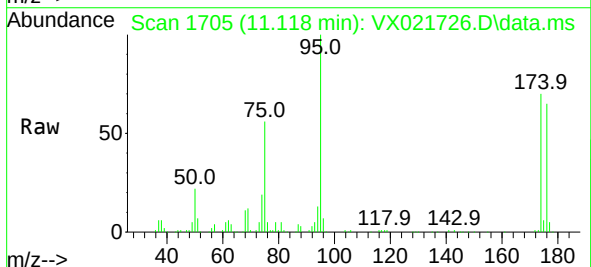
Instrument :
MSVOA_X
ClientSampled :
MW-6

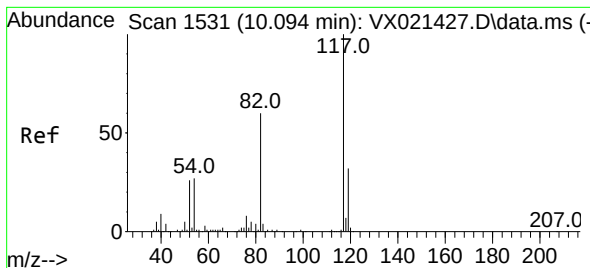
Tgt Ion: 98 Resp: 135332
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion: 95 Resp: 52306
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 70.4 0.0 155.8

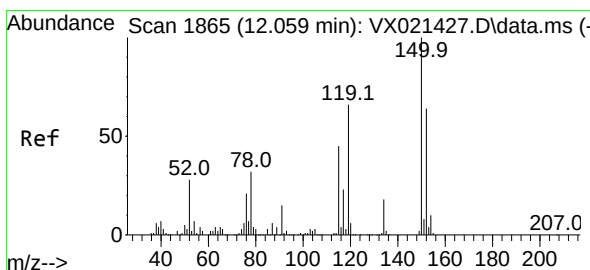
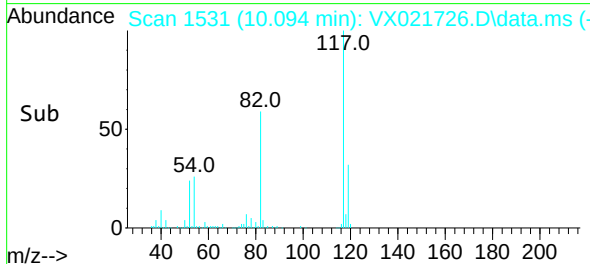
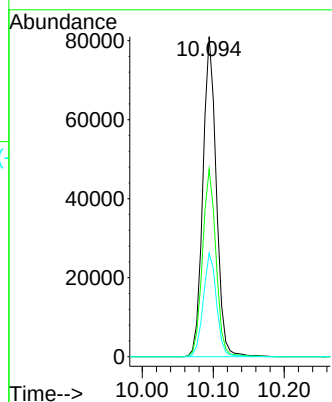
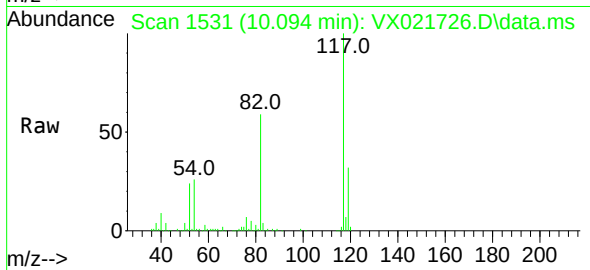




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

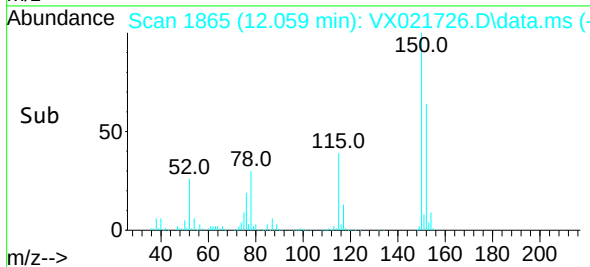
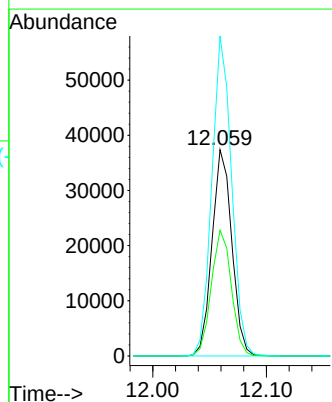
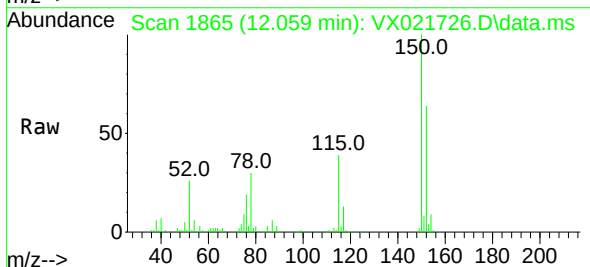
Instrument :
MSVOA_X
ClientSampled :
MW-6

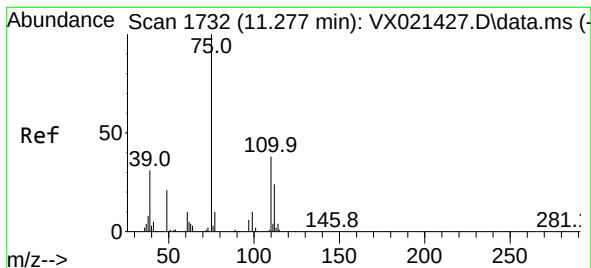
Tgt Ion:117 Resp: 106724
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

Tgt Ion:152 Resp: 45290
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 154.6 0.0 349.0

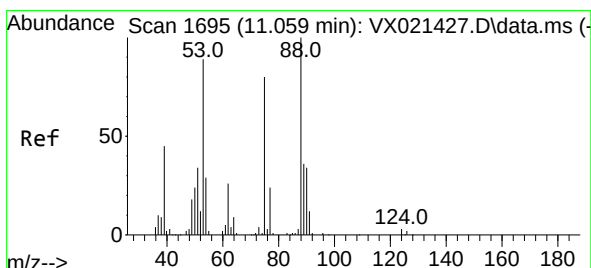
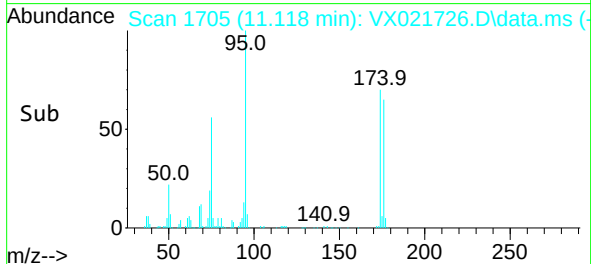
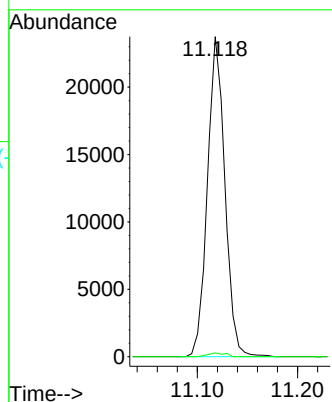
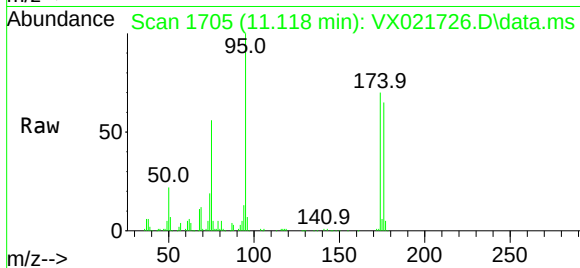




#76
1,2,3-Trichloropropane
Concen: 27.33 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

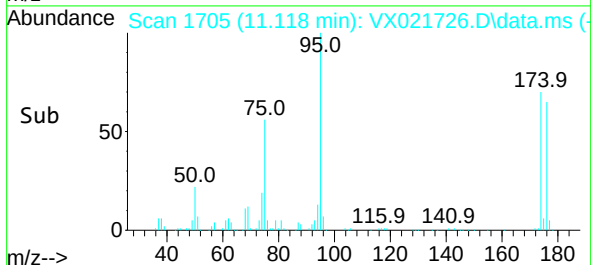
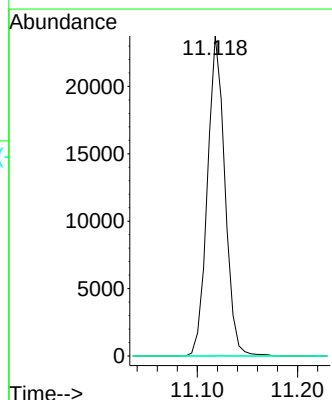
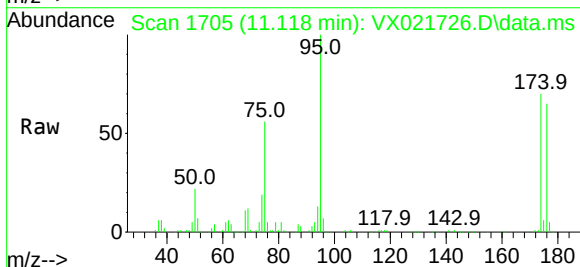
Instrument :
MSVOA_X
ClientSampled :
MW-6

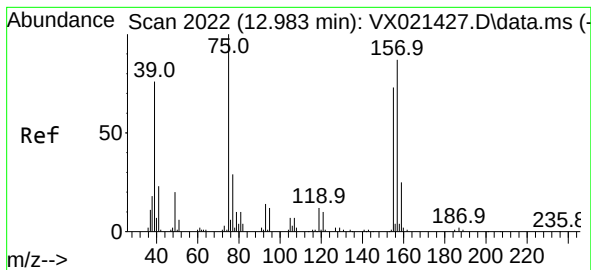
Tgt Ion: 75 Resp: 28815
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021726.D
Acq: 01 Apr 2021 22:08

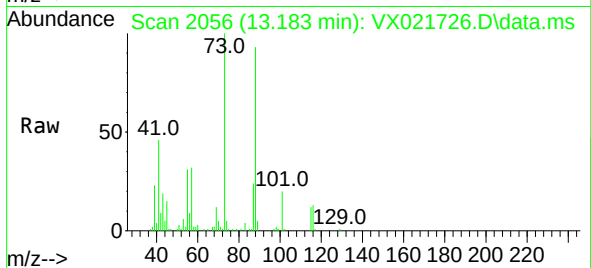
Tgt Ion: 75 Resp: 28815
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.29 ug/l
 RT: 13.183 min Scan# 2056
 Delta R.T. 0.200 min
 Lab File: VX021726.D
 Acq: 01 Apr 2021 22:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6



Tgt Ion: 75 Resp: 94
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.3 135.9#
 157 0.0 57.7 173.1#

