

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037981.D
 Acq On : 29 Sep 2023 17:19
 Operator : JC/MD
 Sample : 04656-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105S

Quant Time: Sep 29 23:07:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

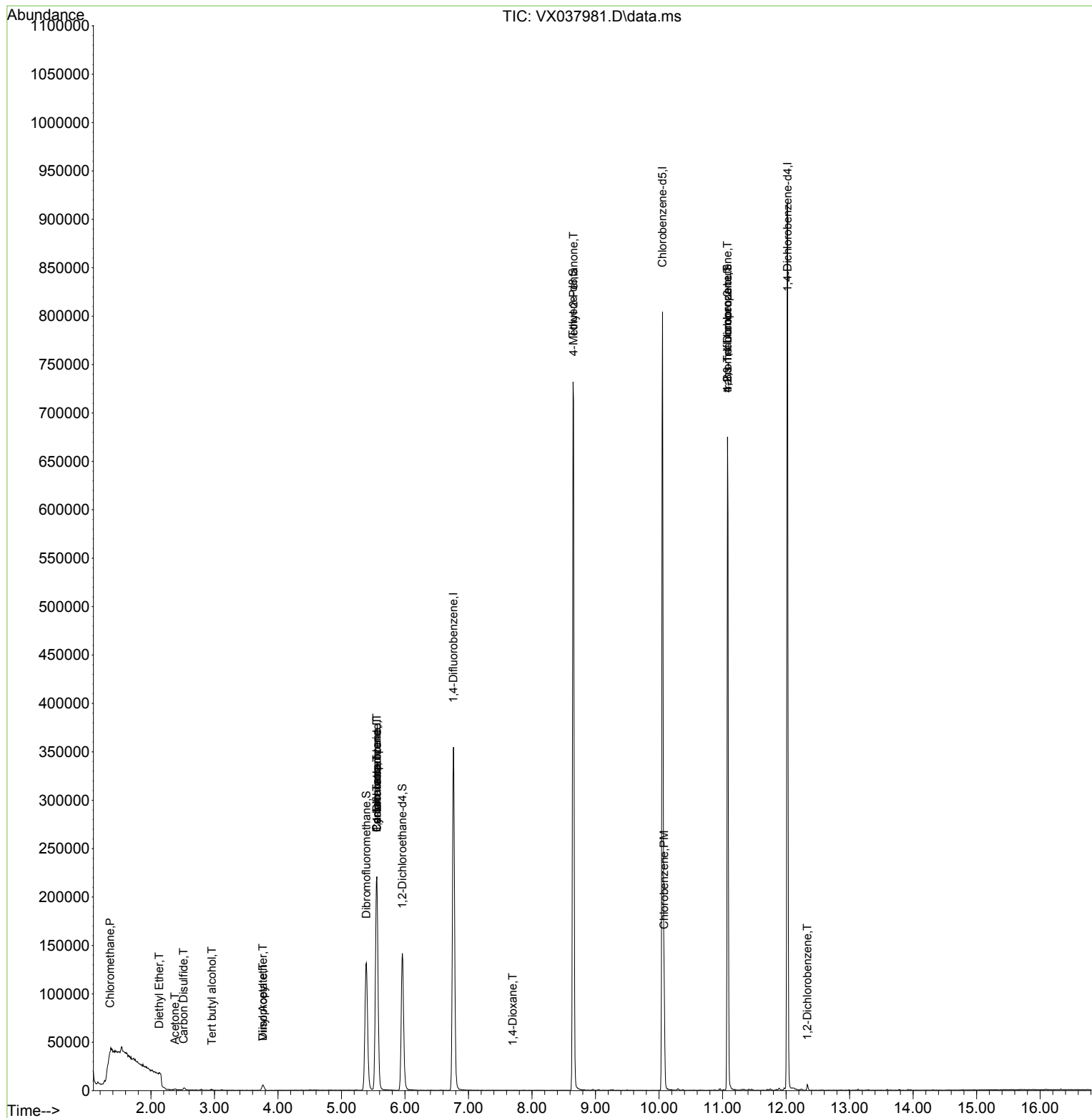
Internal Standards						
1) Pentafluorobenzene	5.556	168	213340	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135675	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.391	113	116470	46.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.647	98	451744	49.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.100%		
62) 4-Bromofluorobenzene	11.079	95	173912	51.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.920%		
Target Compounds						
						Qvalue
3) Chloromethane	1.355	50	1914	0.782	ug/l	# 43
8) Diethyl Ether	2.130	74	604	0.367	ug/l	92
11) Tert butyl alcohol	2.959	59	983	1.634	ug/l	100
16) Acetone	2.380	43	1196	0.887	ug/l	99
17) Carbon Disulfide	2.514	76	1409	0.270	ug/l	96
22) Diisopropyl ether	3.764	45	5455	0.755	ug/l	# 71
23) Vinyl Acetate	3.764	43	3026	0.570	ug/l	# 73
31) Cyclohexane	5.556	56	4359	1.212	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16021	4.692	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	20955	5.865	ug/l	# 15
49) 1,4-Dioxane	7.696	88	34	0.452	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.653	43	1907	0.501	ug/l	# 1
65) Chlorobenzene	10.079	112	45860	5.823	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	88176	19.554	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	88176	62.640	ug/l	# 5
91) 1,2-Dichlorobenzene	12.335	146	1568	0.233	ug/l	97

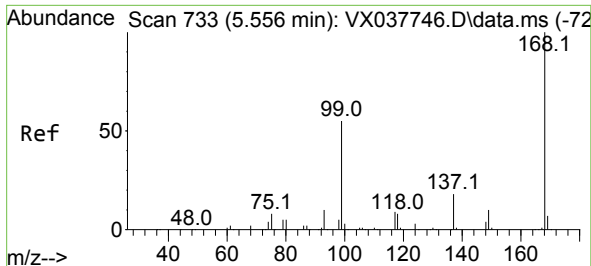
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
Data File : VX037981.D
Acq On : 29 Sep 2023 17:19
Operator : JC/MD
Sample : 04656-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-105S

Quant Time: Sep 29 23:07:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

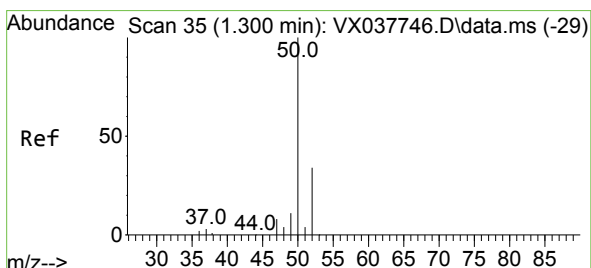
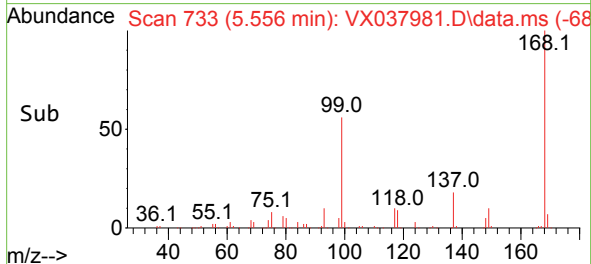
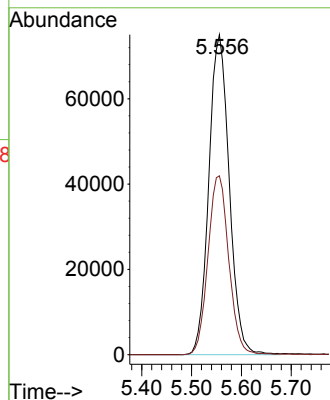
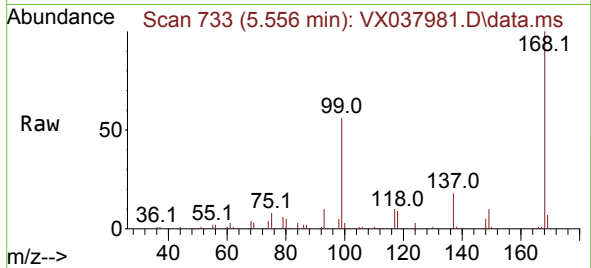




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

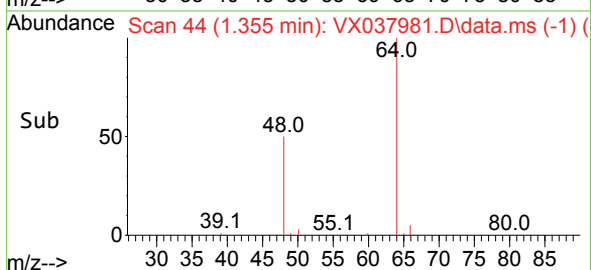
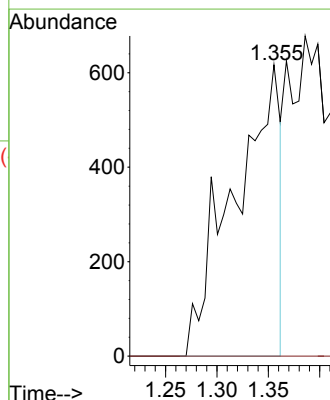
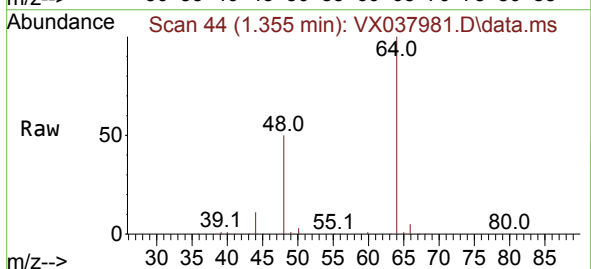
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

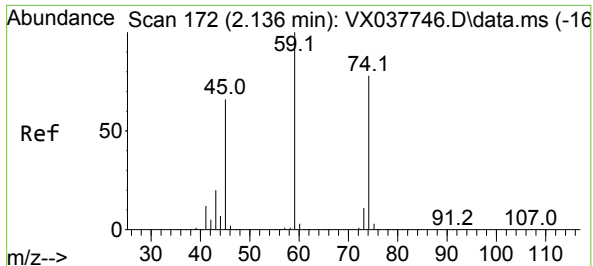
Tgt Ion:168 Resp: 213340
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#3
Chloromethane
Concen: 0.782 ug/l
RT: 1.355 min Scan# 44
Delta R.T. 0.055 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 50 Resp: 1914
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

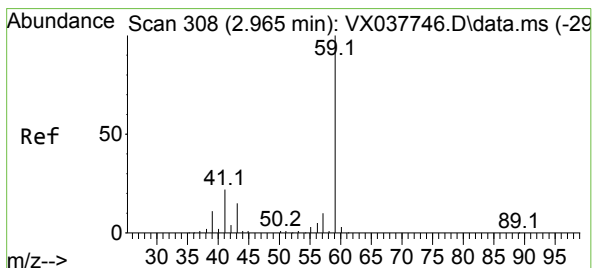
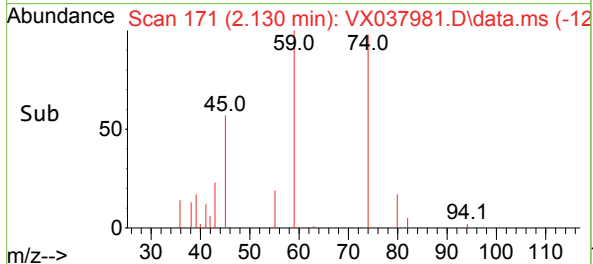
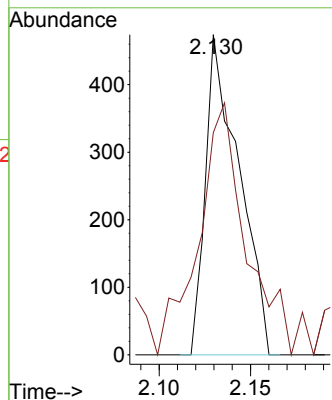
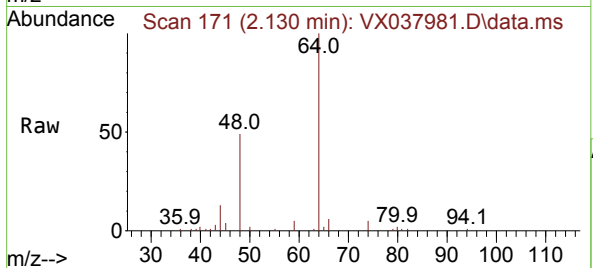




#8
Diethyl Ether
Concen: 0.367 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

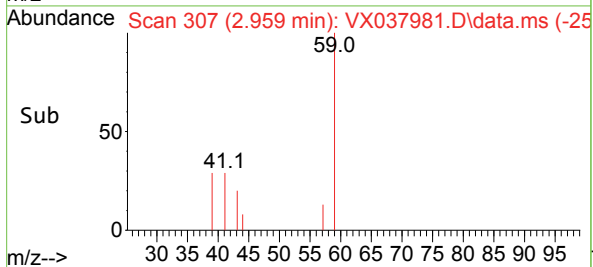
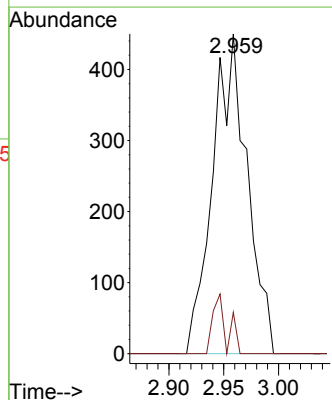
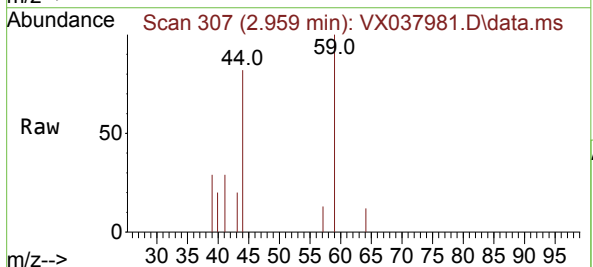
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

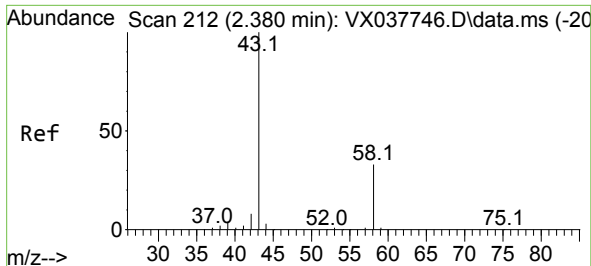
Tgt Ion: 74 Resp: 604
Ion Ratio Lower Upper
74 100
45 114.6 53.3 159.8



#11
Tert butyl alcohol
Concen: 1.634 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 59 Resp: 983
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0

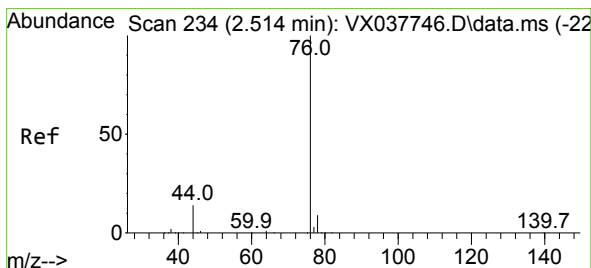
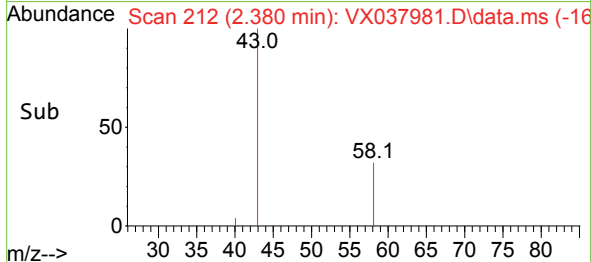
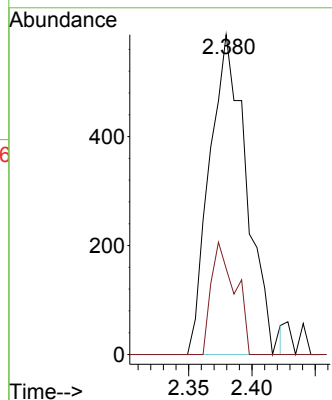
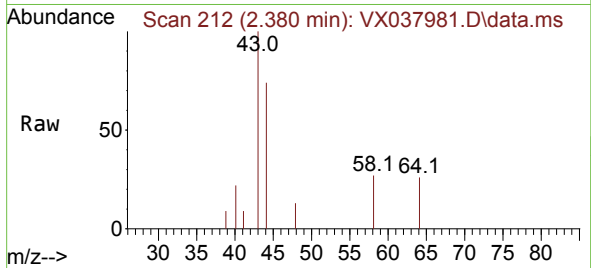




#16
Acetone
Concen: 0.887 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

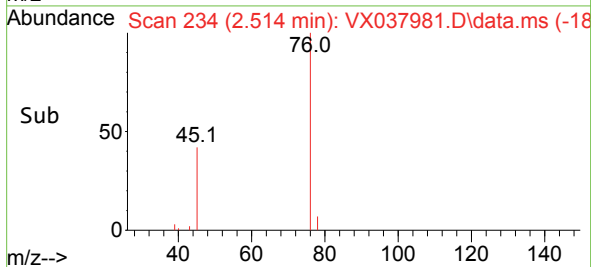
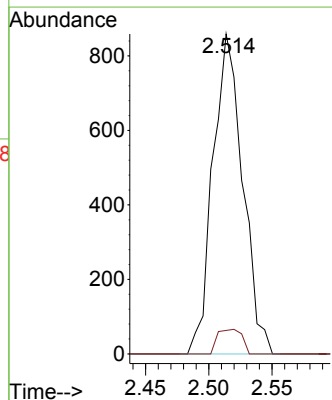
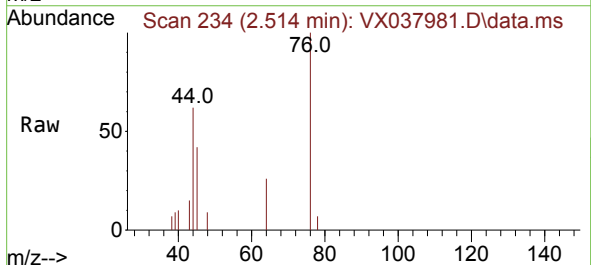
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

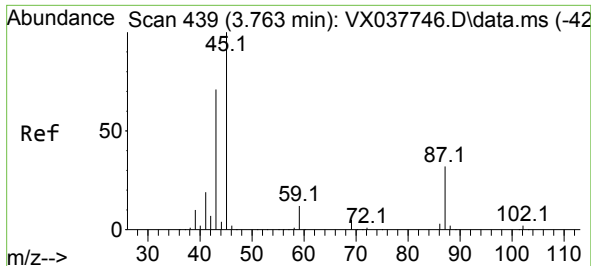
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 76 Resp: 1409
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6

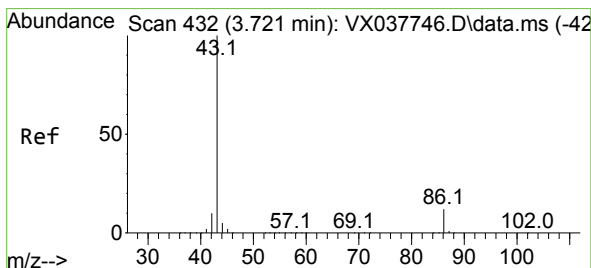
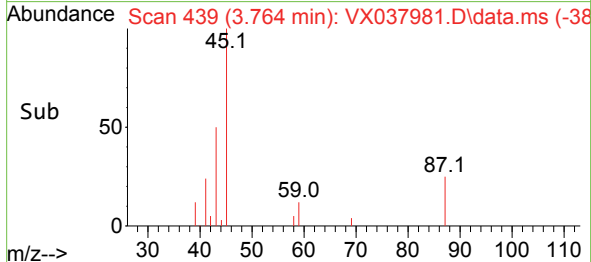
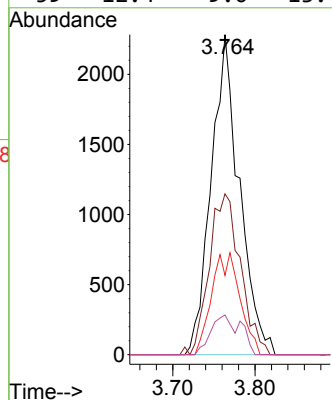
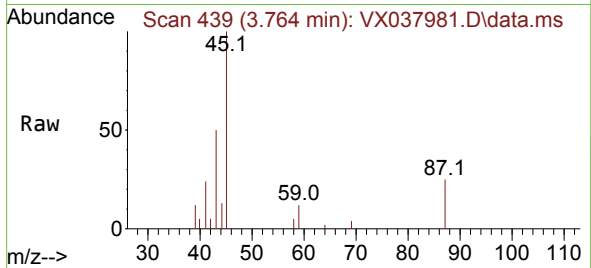




#22
Diisopropyl ether
Concen: 0.755 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

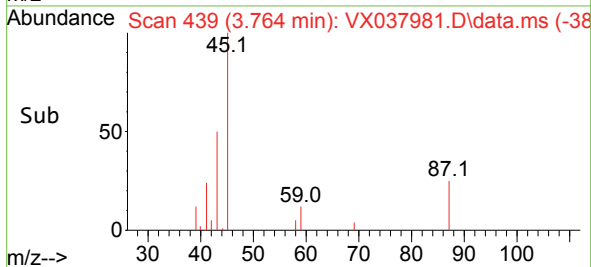
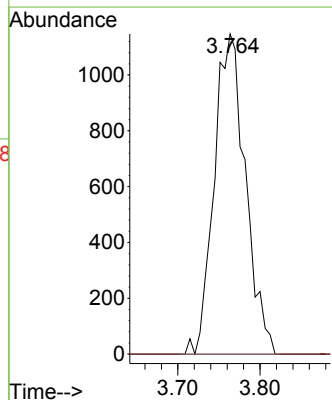
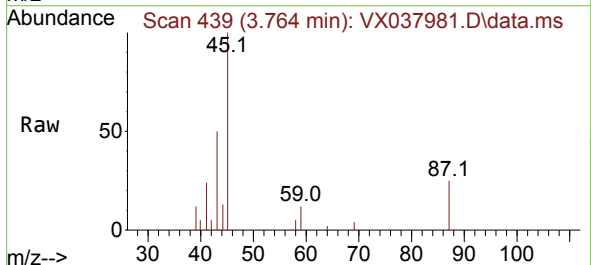
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

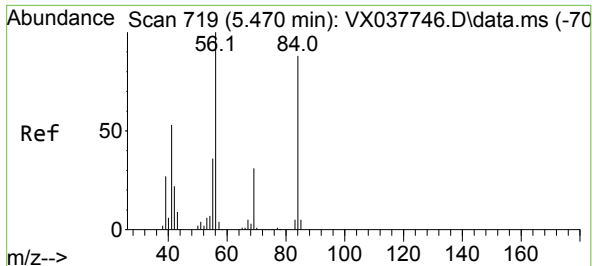
Tgt Ion: 45	Resp: 5455
Ion Ratio	Lower Upper
45	100
43	50.2 69.7 104.5#
87	24.8 20.8 31.2
59	12.4 9.0 13.4



#23
Vinyl Acetate
Concen: 0.570 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 43	Resp: 3026
Ion Ratio	Lower Upper
43	100
86	0.0 7.8 11.8#

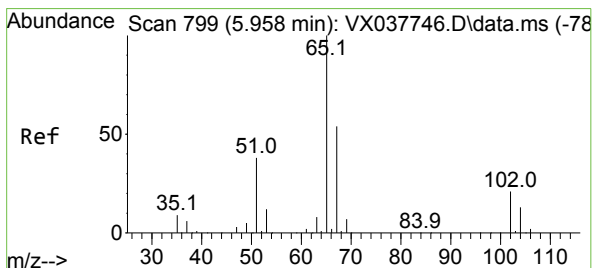
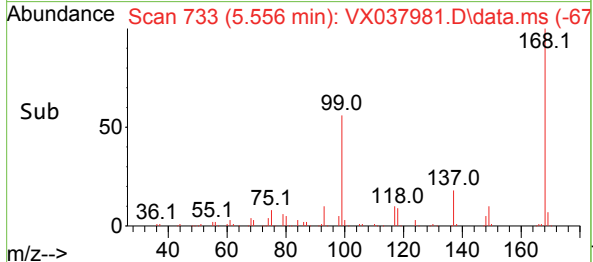
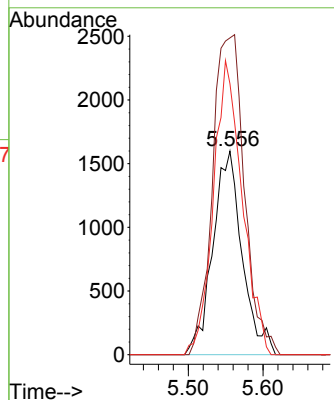
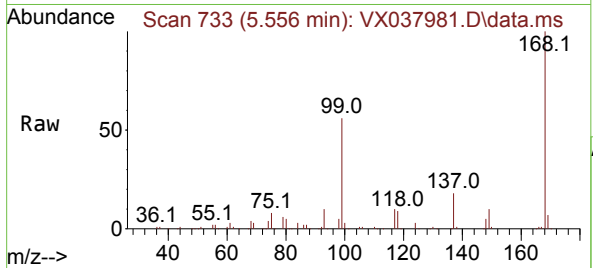




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

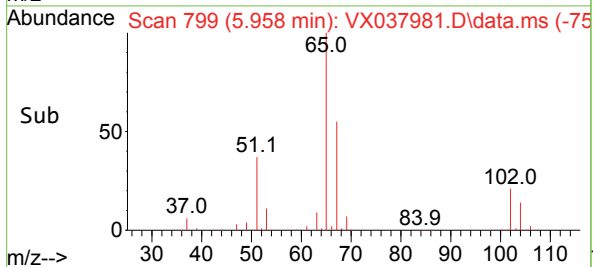
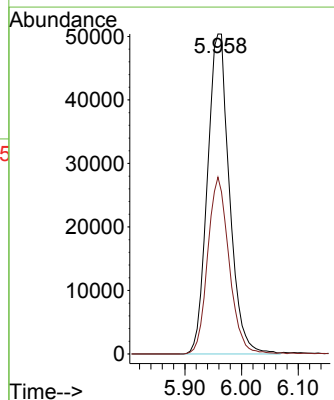
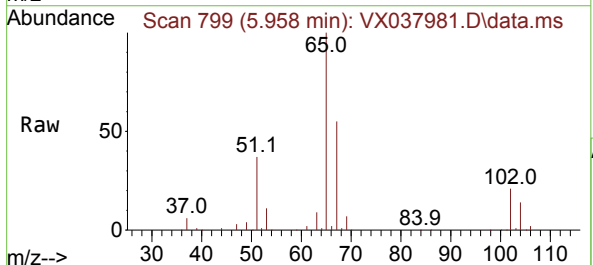
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

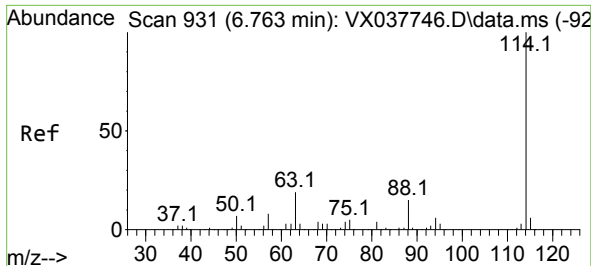
Tgt Ion: 56 Resp: 4359
Ion Ratio Lower Upper
56 100
69 155.6 23.4 35.2#
84 133.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 65 Resp: 135675
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

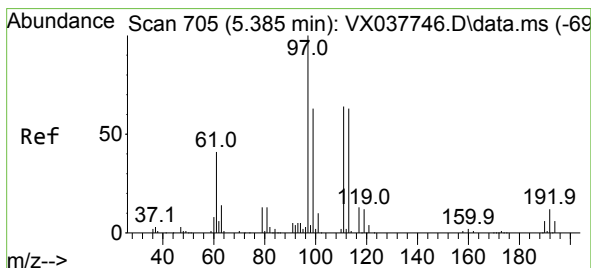
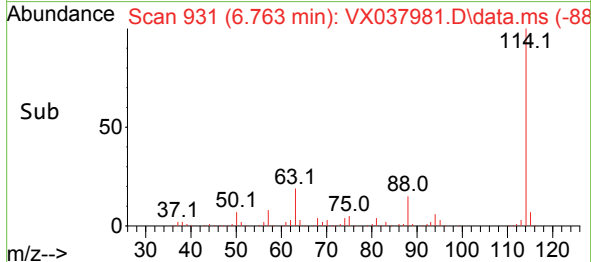
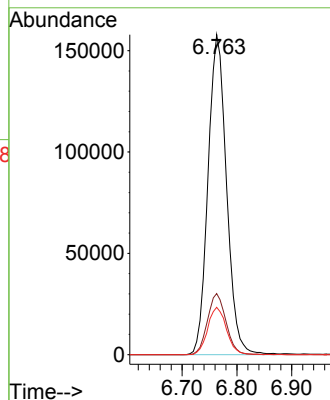
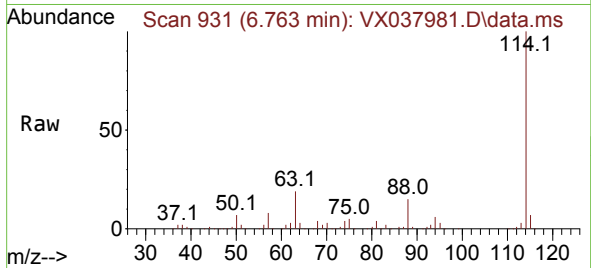




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

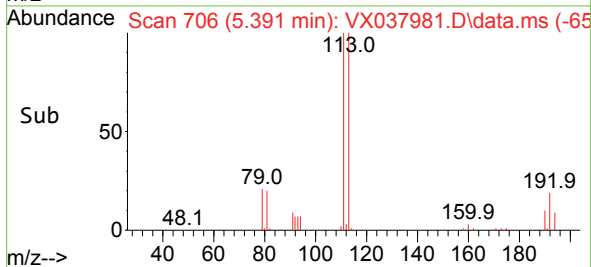
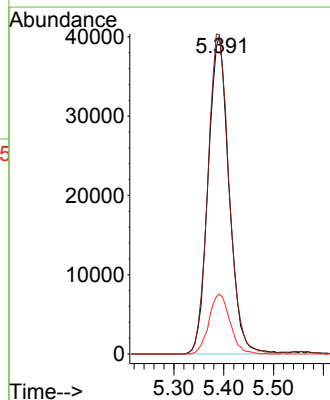
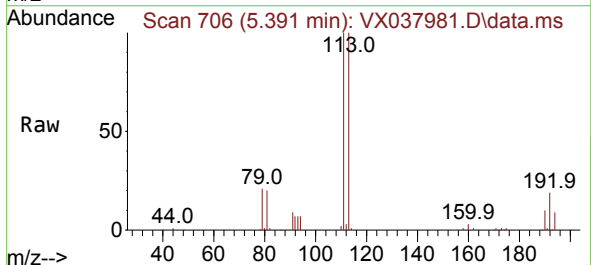
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

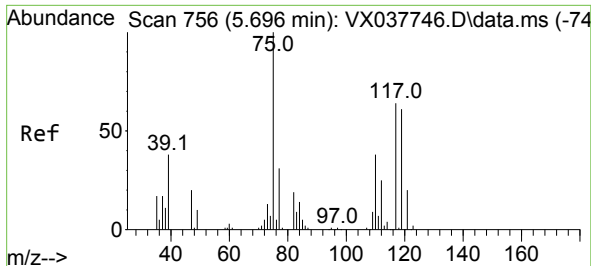
Tgt Ion:114 Resp: 370460
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion:113 Resp: 116470
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.0 13.3 19.9

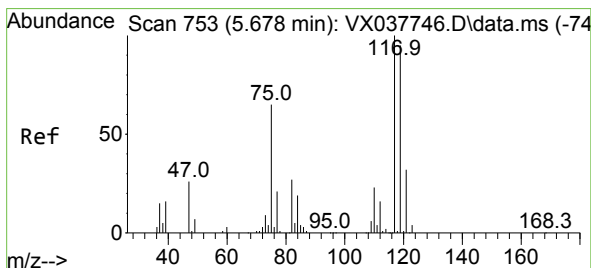
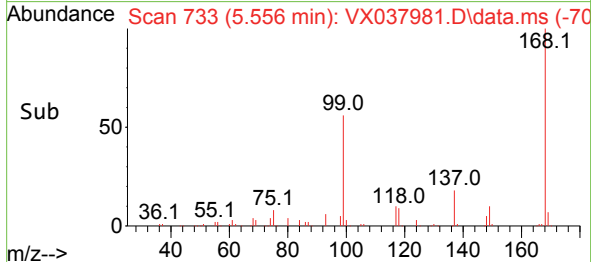
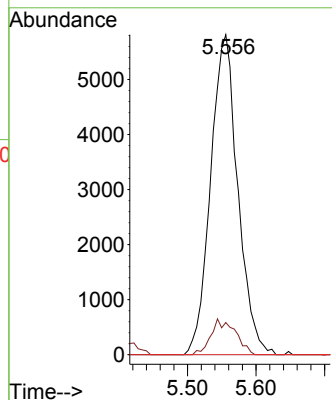
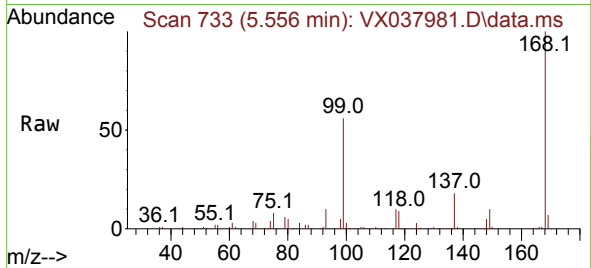




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

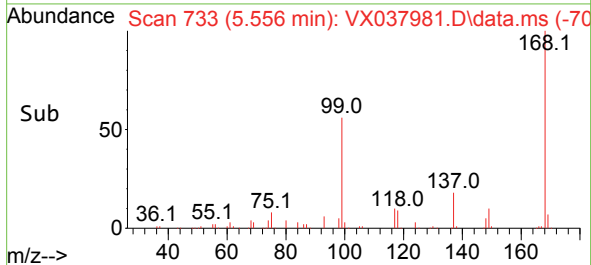
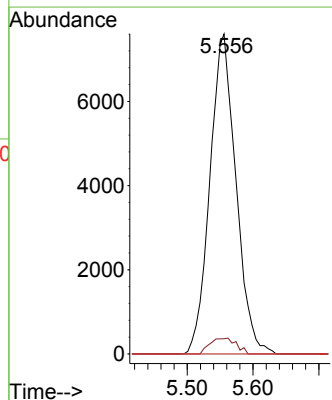
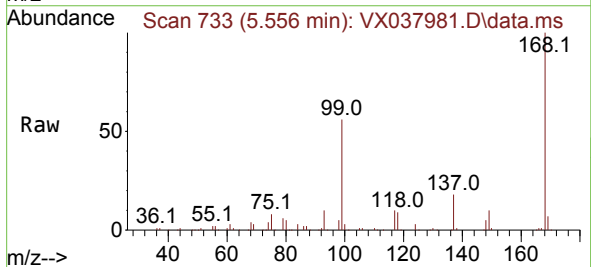
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

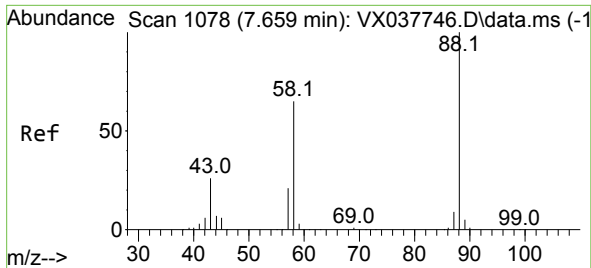
Tgt Ion: 75 Resp: 16021
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 117 Resp: 20955
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

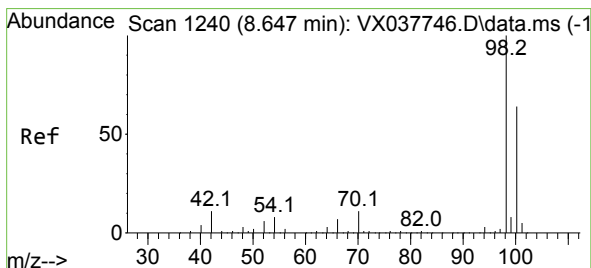
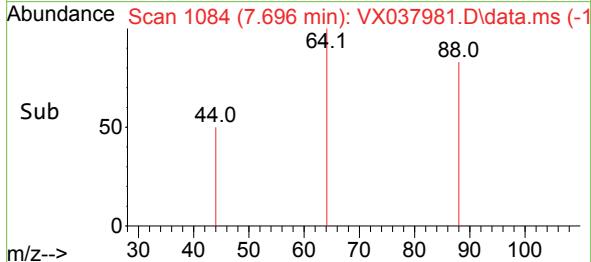
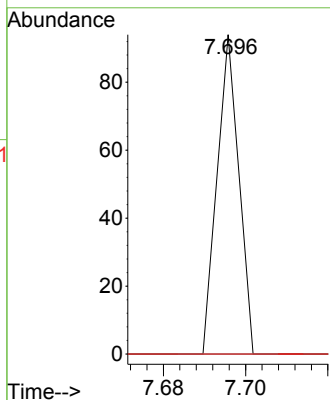
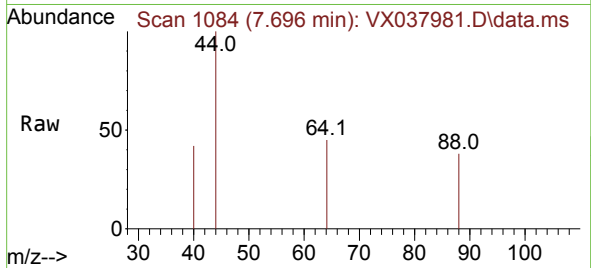




#49
1,4-Dioxane
Concen: 0.452 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

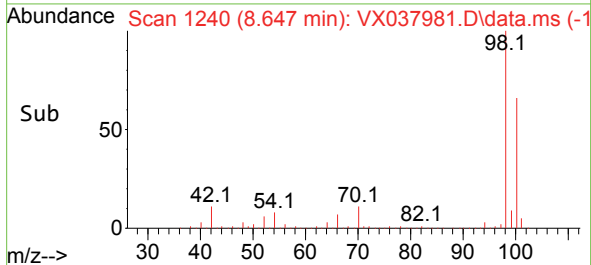
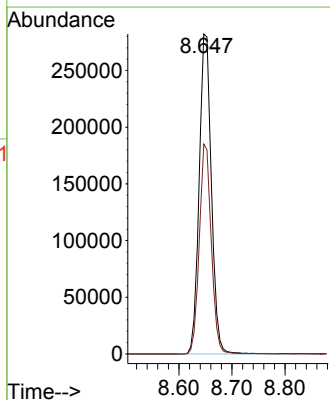
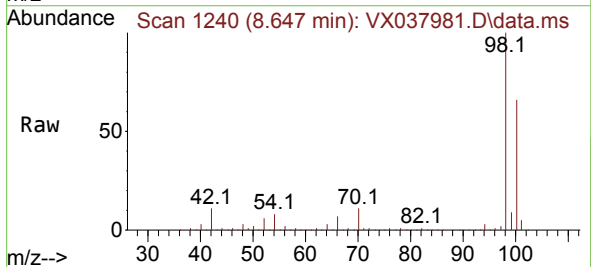
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

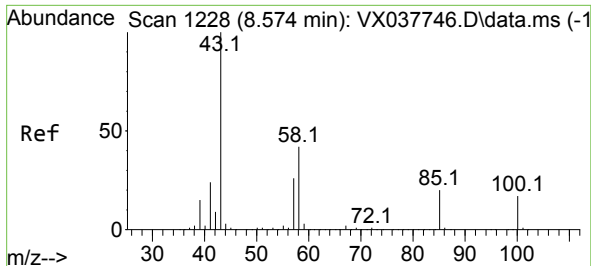
Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 49.048 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 98 Resp: 451744
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

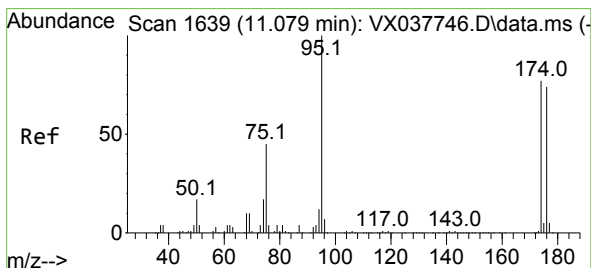
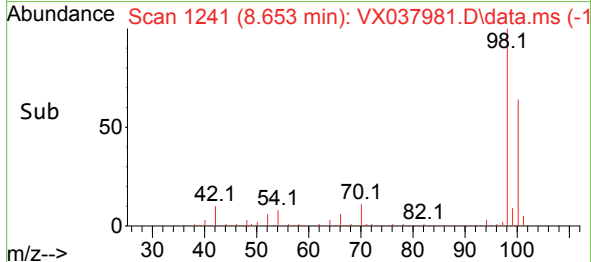
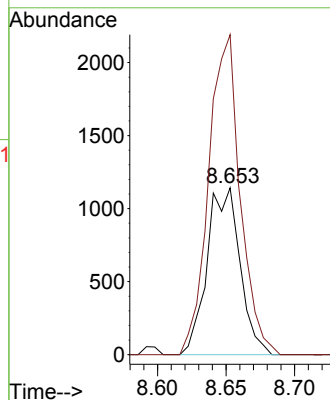
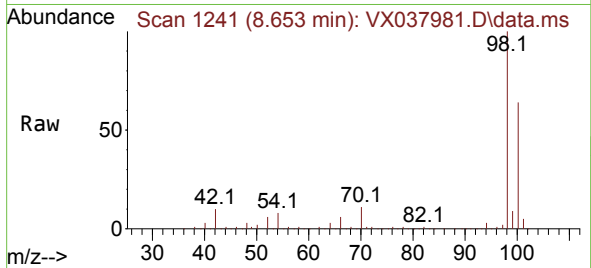




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

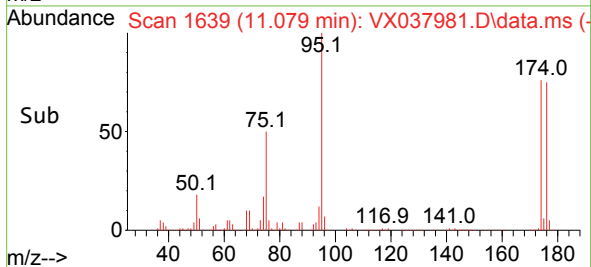
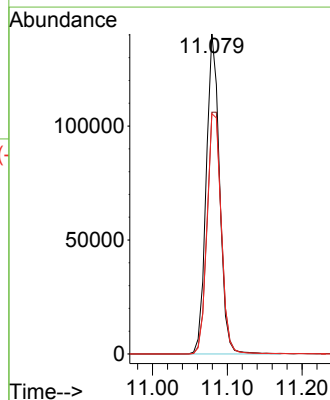
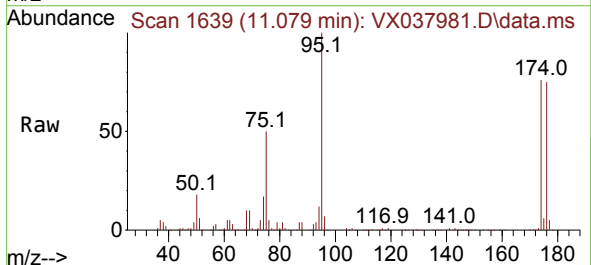
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

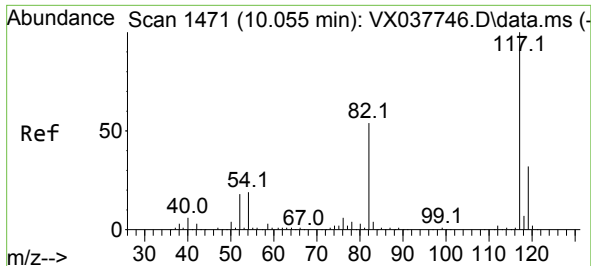
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
58 184.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 95 Resp: 173912
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 80.0 0.0 131.0

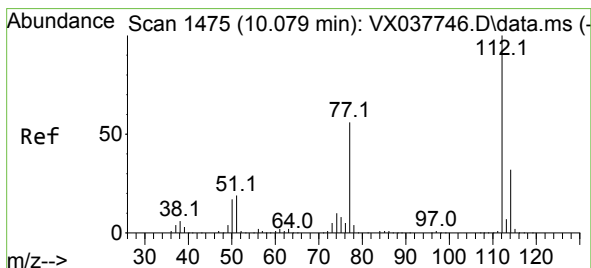
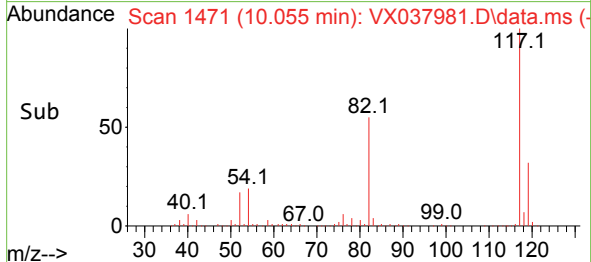
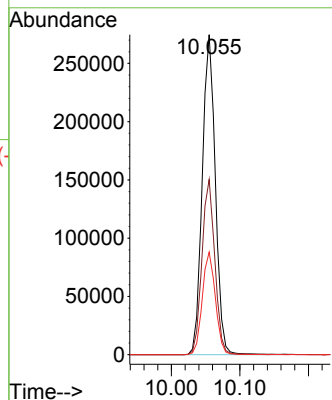
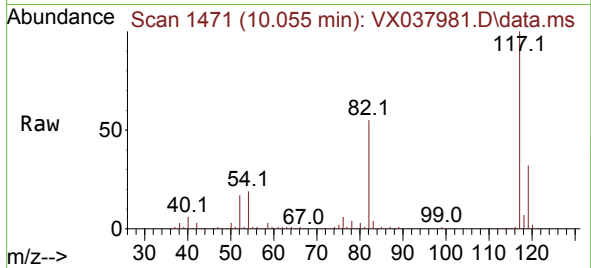




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

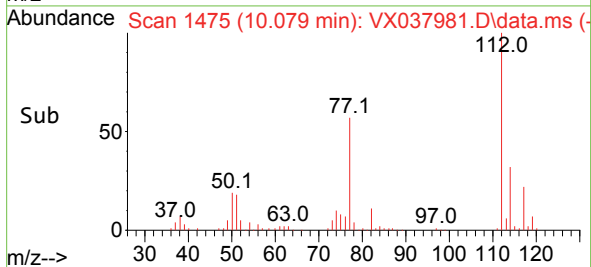
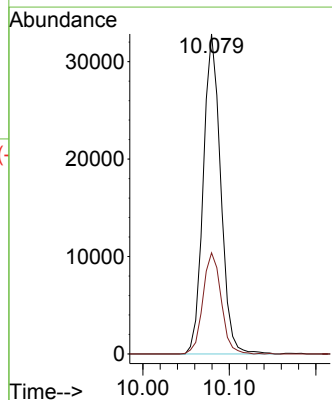
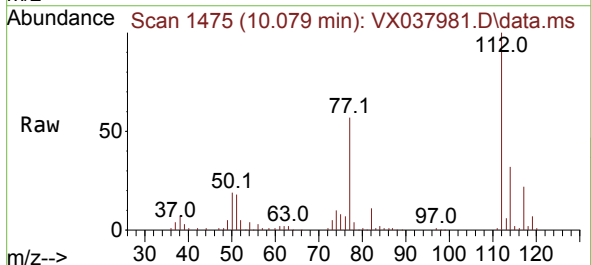
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

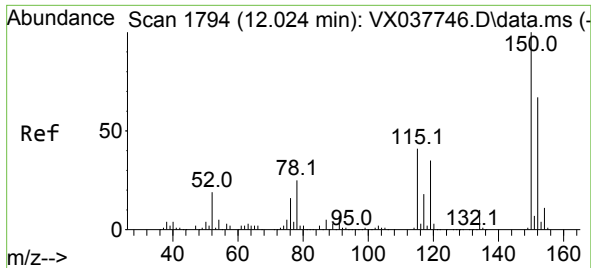
Tgt Ion:117 Resp: 365112
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3



#65
Chlorobenzene
Concen: 5.823 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion:112 Resp: 45860
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

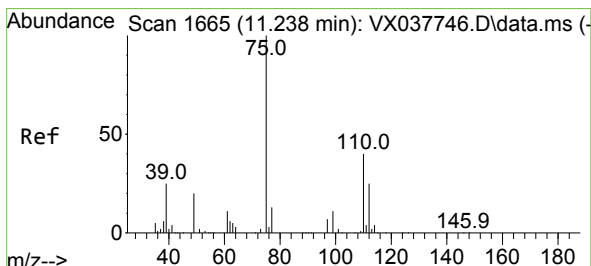
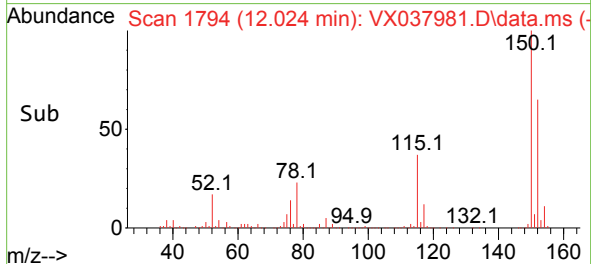
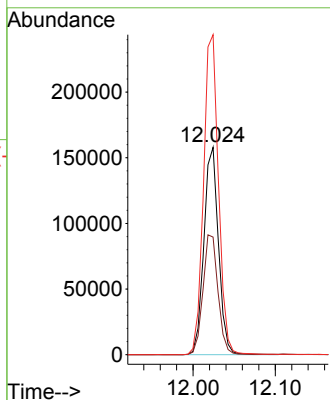
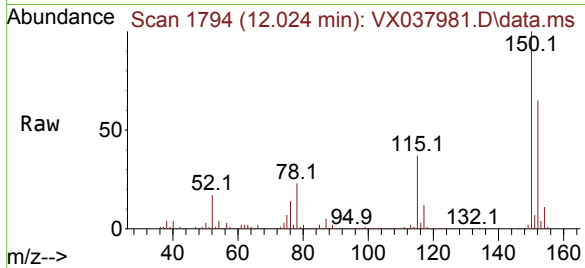




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037981.D
 Acq: 29 Sep 2023 17:19

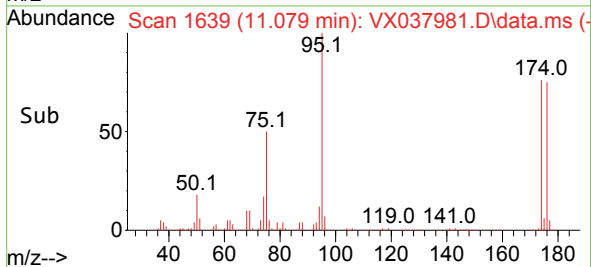
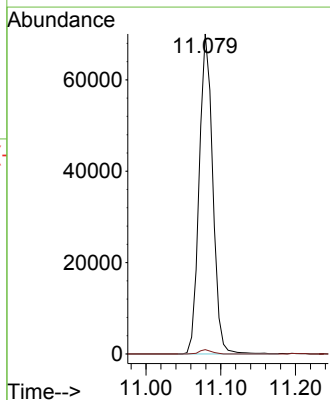
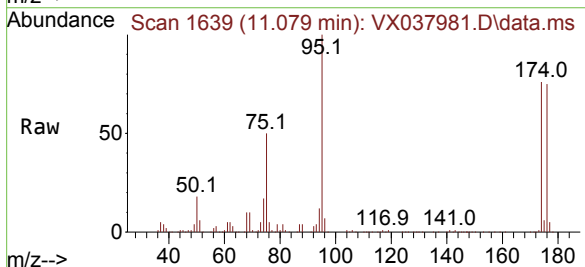
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105S

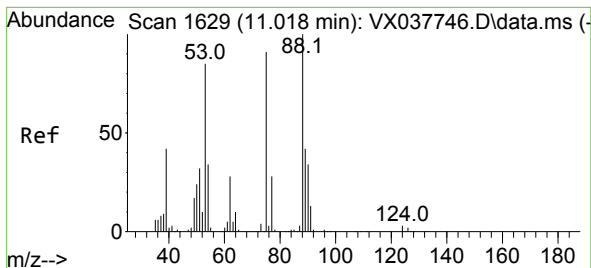
Tgt Ion:152 Resp: 194961
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 157.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.554 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037981.D
 Acq: 29 Sep 2023 17:19

Tgt Ion: 75 Resp: 88176
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

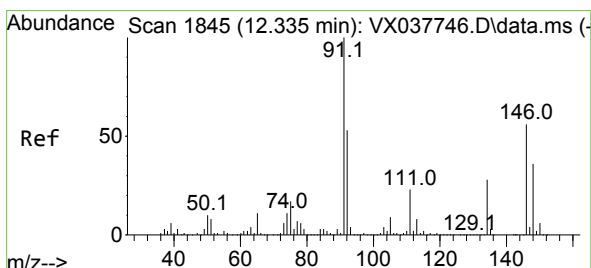
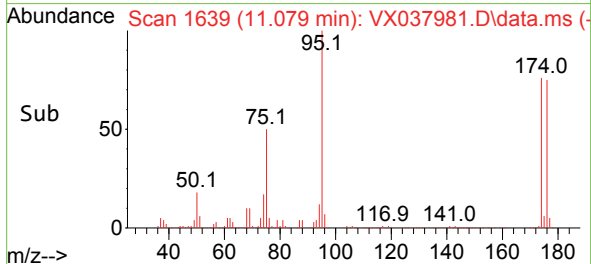
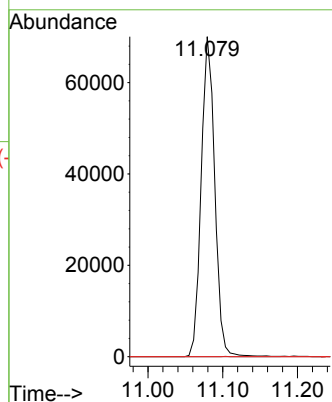
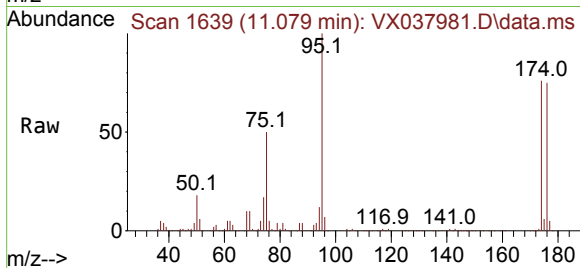




#81
trans-1,4-Dichloro-2-butene
Concen: 62.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-105S

Tgt Ion: 75 Resp: 88176
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#91
1,2-Dichlorobenzene
Concen: 0.233 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion:146 Resp: 1568
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.0
148 59.3 31.6 95.0

