

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035406.D
 Acq On : 28 Apr 2023 21:08
 Operator : JC/MD
 Sample : 02522-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 29 00:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

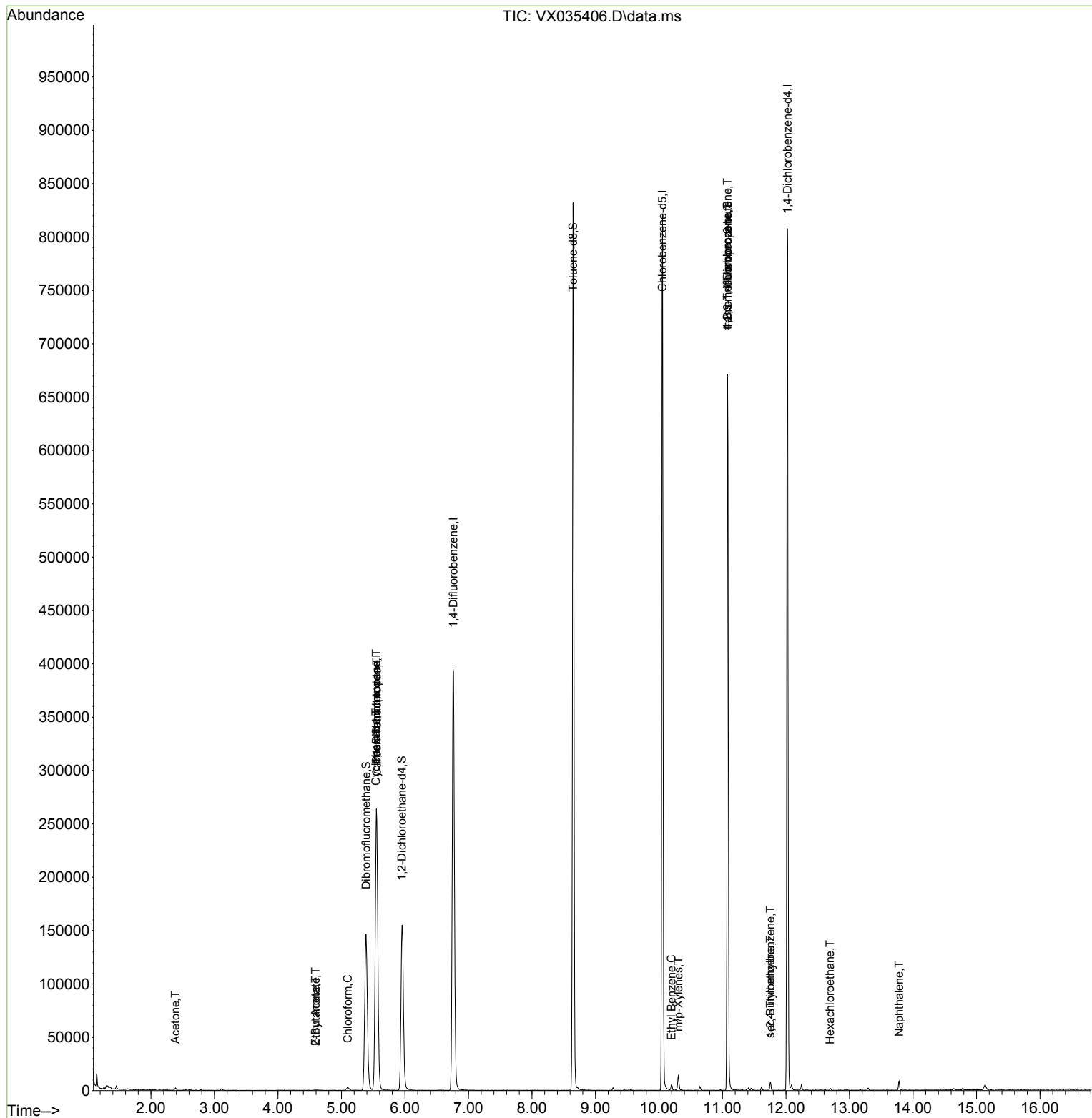
Internal Standards						
1) Pentafluorobenzene	5.550	168	260703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153206	48.711	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.420%	
35) Dibromofluoromethane	5.385	113	130389	50.222	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.440%	
50) Toluene-d8	8.647	98	495608	50.603	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.200%	
62) 4-Bromofluorobenzene	11.079	95	188586	51.186	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2481	1.816	ug/l	92
25) 2-Butanone	4.593	43	1548	0.776	ug/l #	51
30) Chloroform	5.099	83	3572	0.712	ug/l	100
31) Cyclohexane	5.544	56	4850	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18513	4.567	ug/l #	51
37) Ethyl Acetate	4.593	43	1548	0.418	ug/l #	70
38) Carbon Tetrachloride	5.556	117	25131	6.530	ug/l #	15
67) Ethyl Benzene	10.195	91	3499	0.241	ug/l	96
68) m/p-Xylenes	10.305	106	3556	0.640	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	90806	25.091	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	90806	81.267	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	3849	0.343	ug/l	99
85) sec-Butylbenzene	11.756	105	3849	0.280	ug/l #	56
90) Hexachloroethane	12.695	117	1088	0.607	ug/l #	15
95) Naphthalene	13.780	128	6036	0.498	ug/l	97

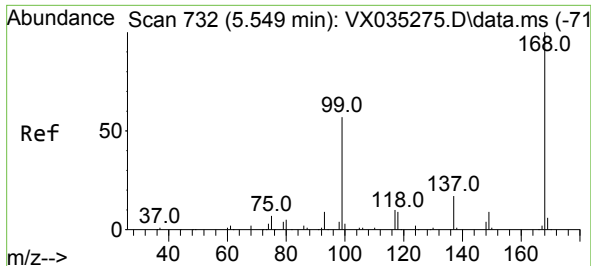
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

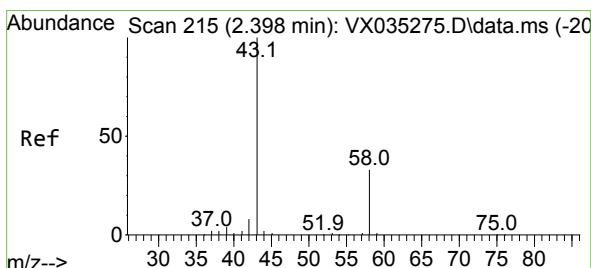
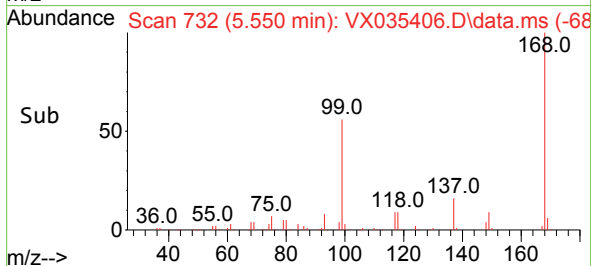
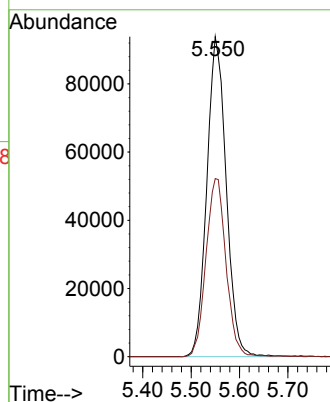
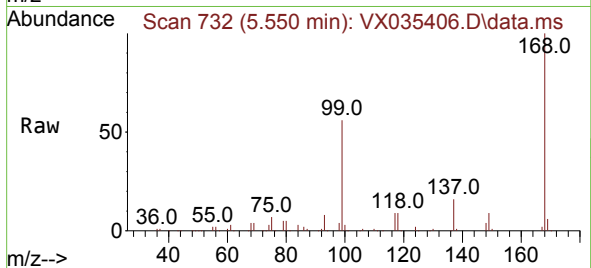




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

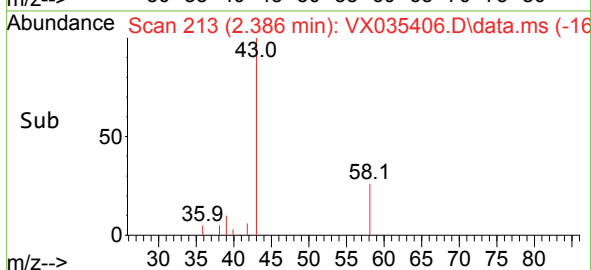
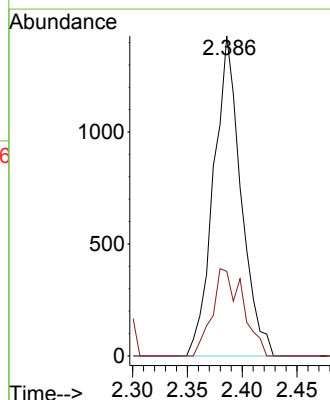
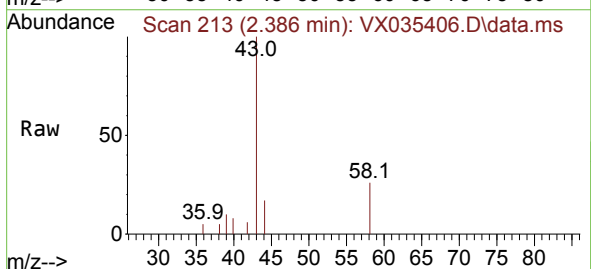
Instrument :
MSVOA_X
ClientSampleId :
MW-4

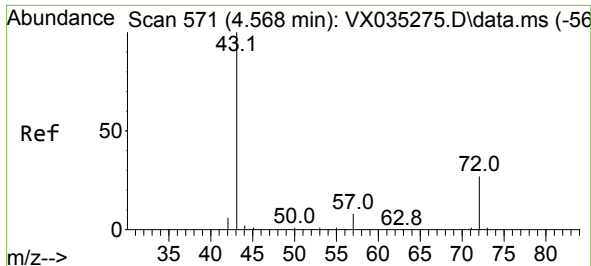
Tgt Ion:168 Resp: 260703
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#16
Acetone
Concen: 1.816 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1

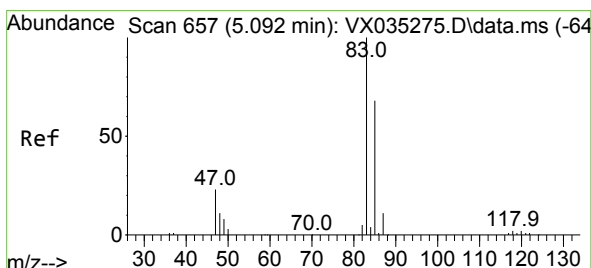
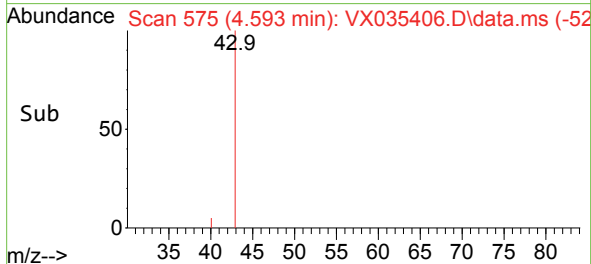
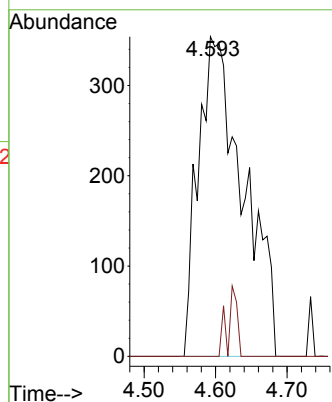
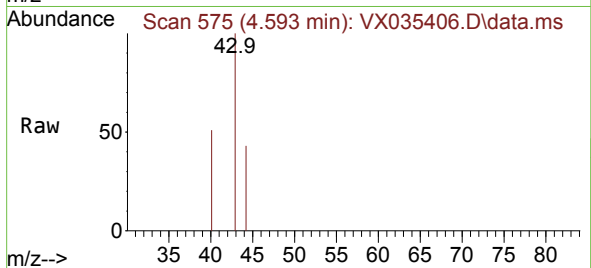




#25
2-Butanone
Concen: 0.776 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

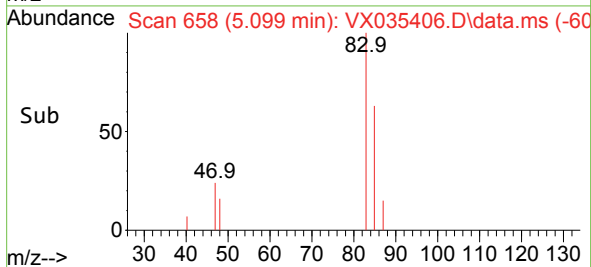
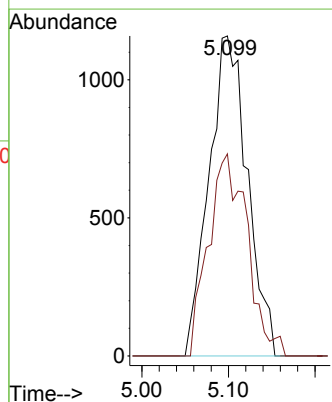
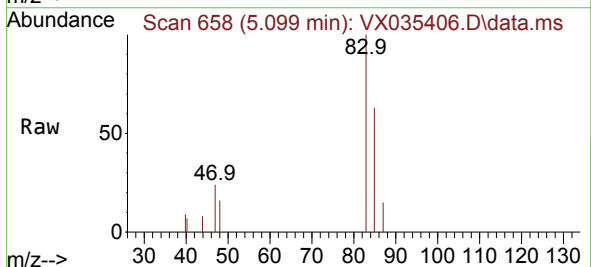
Instrument :
MSVOA_X
ClientSampleId :
MW-4

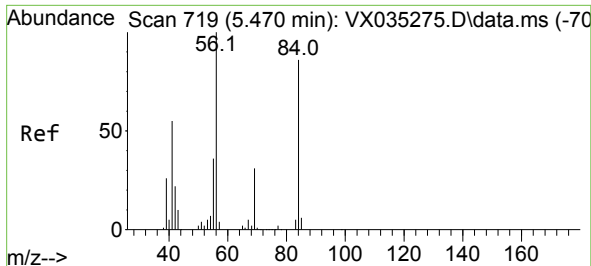
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#30
Chloroform
Concen: 0.712 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 83 Resp: 3572
Ion Ratio Lower Upper
83 100
85 63.2 50.6 76.0

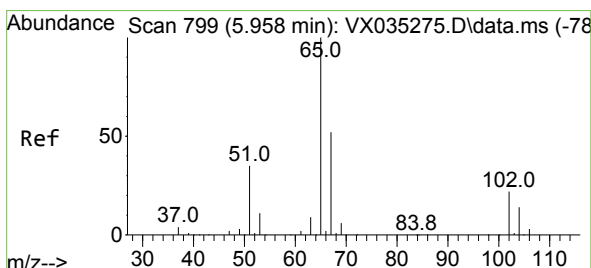
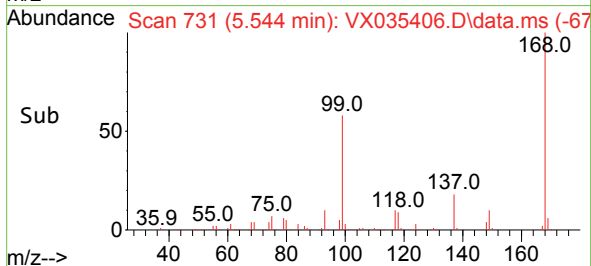
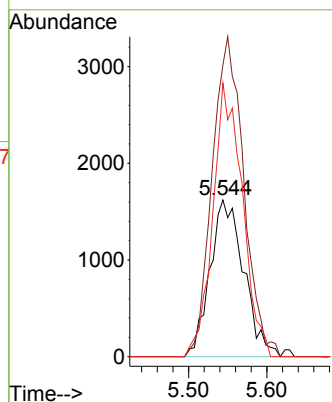
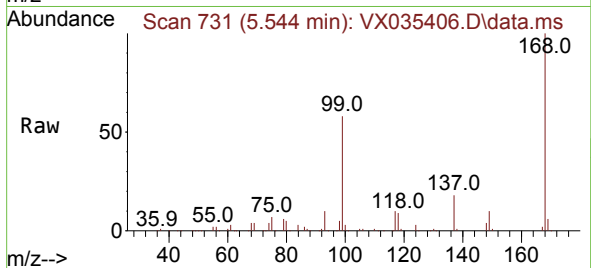




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

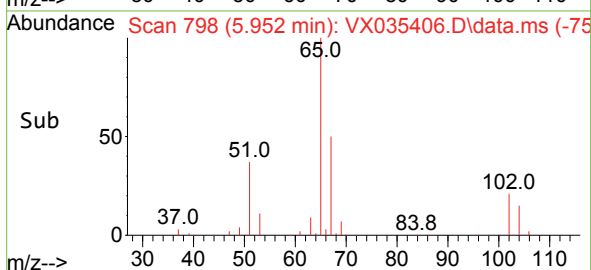
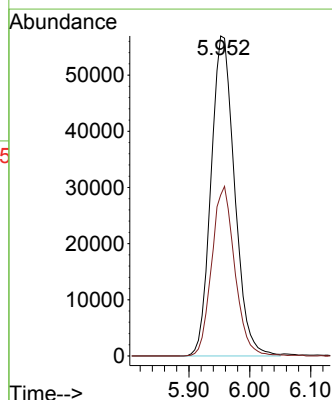
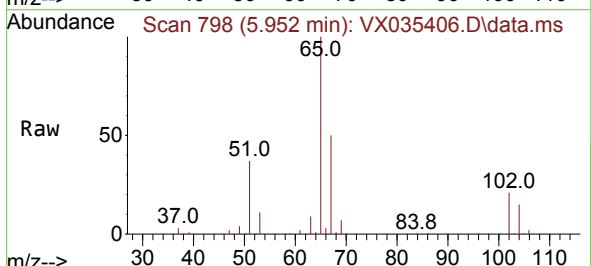
Instrument :
MSVOA_X
ClientSampleId :
MW-4

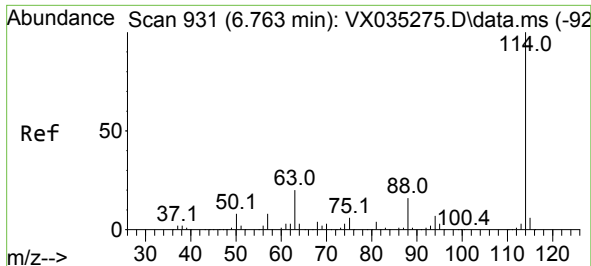
Tgt Ion: 56 Resp: 4850
Ion Ratio Lower Upper
56 100
69 186.2 23.7 35.5#
84 174.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.711 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 65 Resp: 153206
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

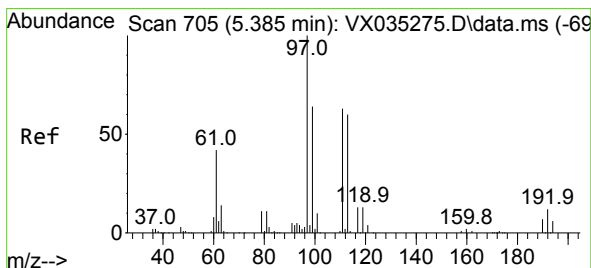
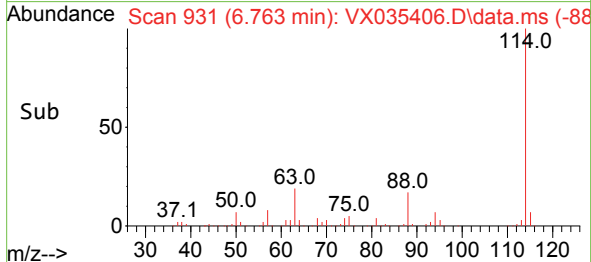
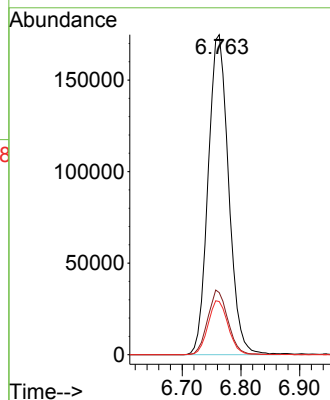
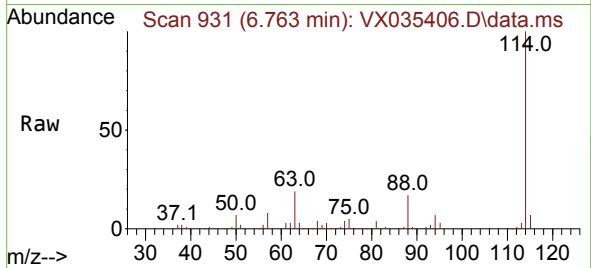




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

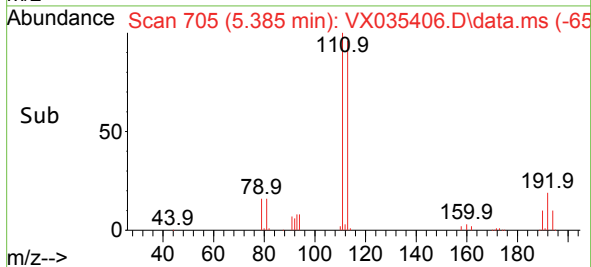
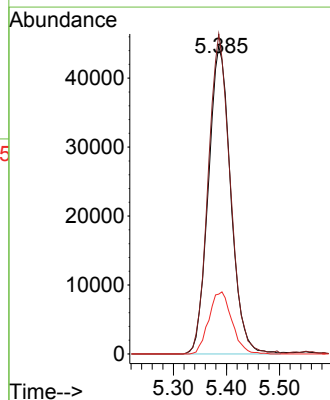
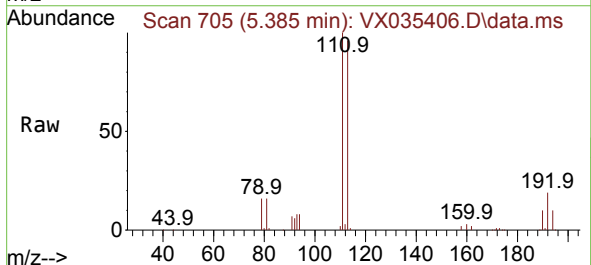
Instrument :
MSVOA_X
ClientSampleId :
MW-4

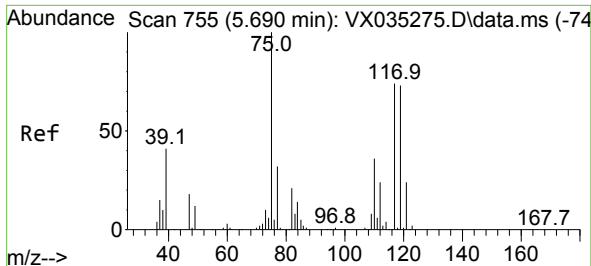
Tgt Ion:114 Resp: 423002
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion:113 Resp: 130389
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 20.9 15.4 23.2

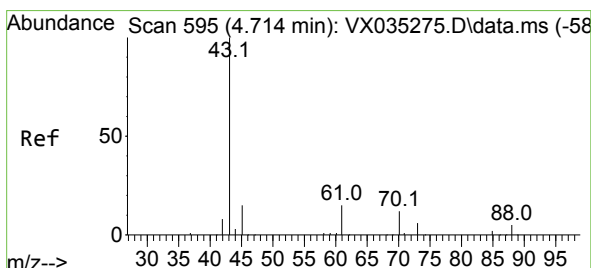
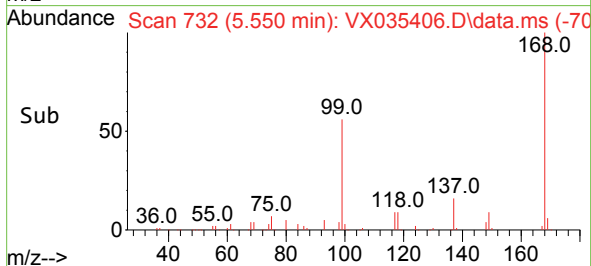
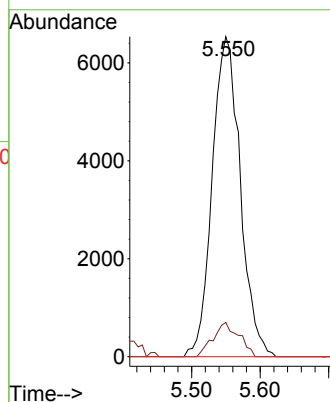
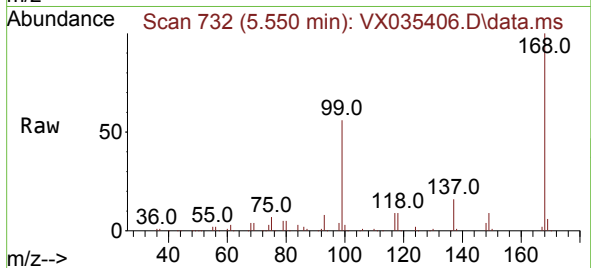




#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

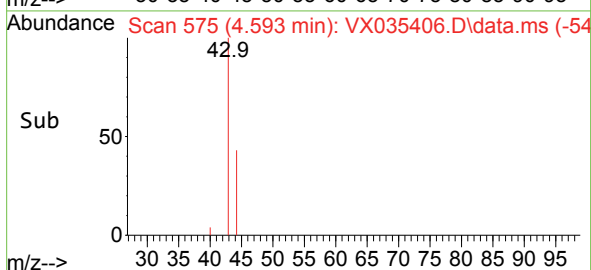
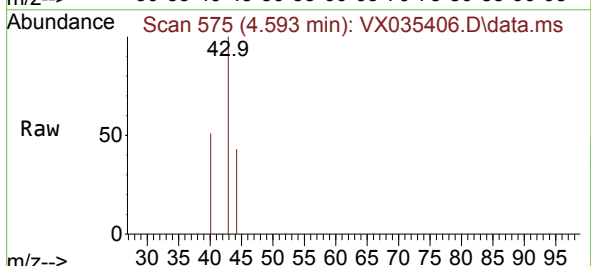
Instrument :
MSVOA_X
ClientSampleId :
MW-4

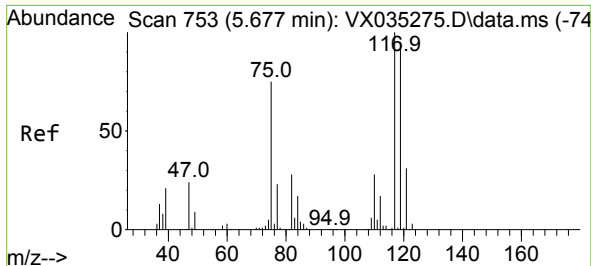
Tgt Ion: 75 Resp: 18513
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.418 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.121 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

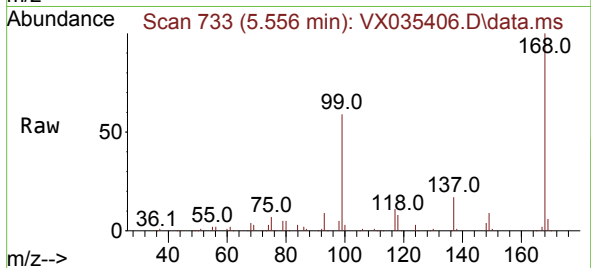
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#



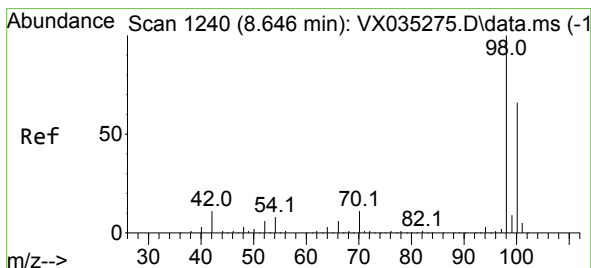
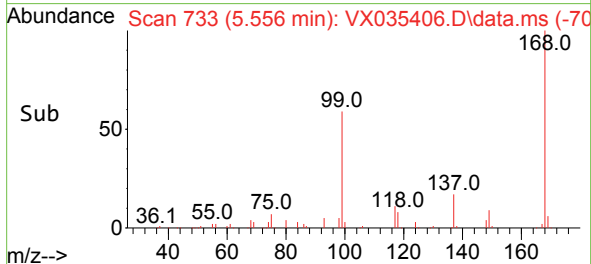
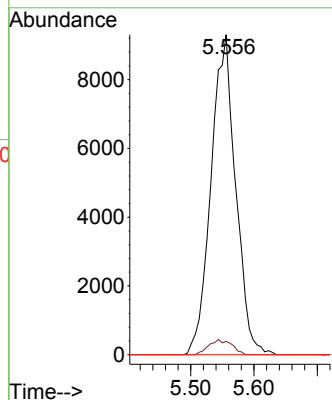


#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :
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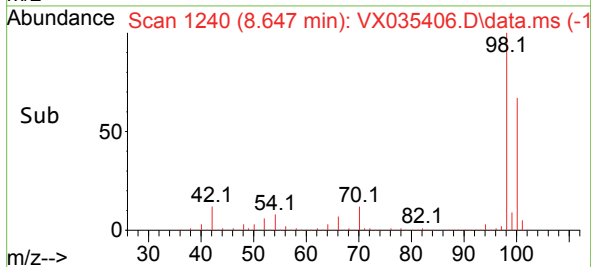
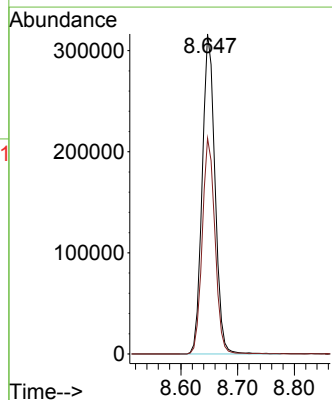
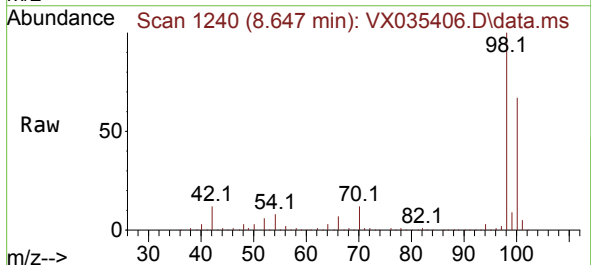


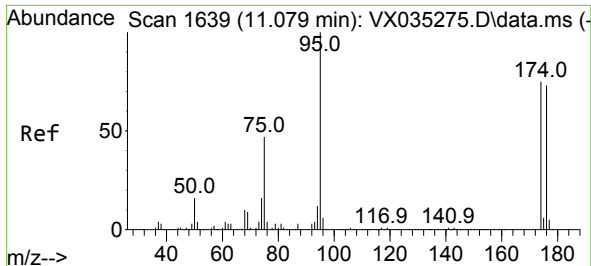
Tgt Ion:117 Resp: 25131
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.603 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 98 Resp: 495608
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

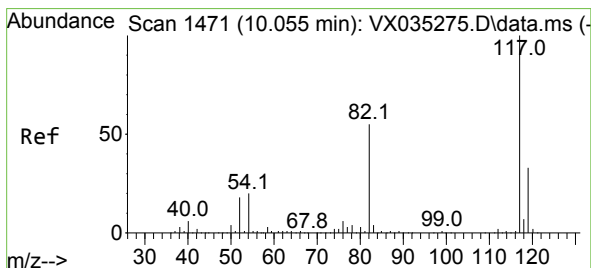
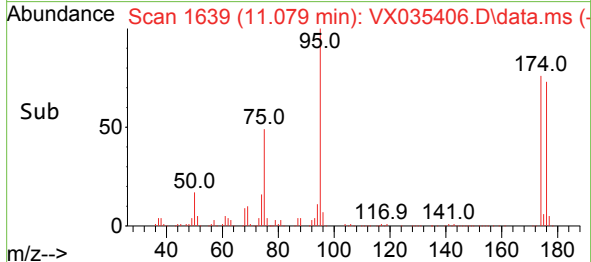
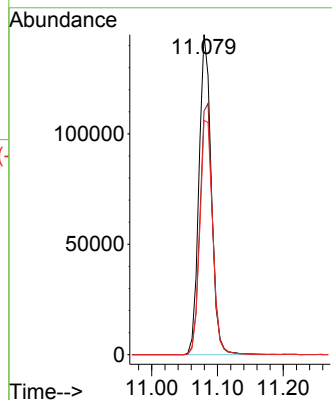
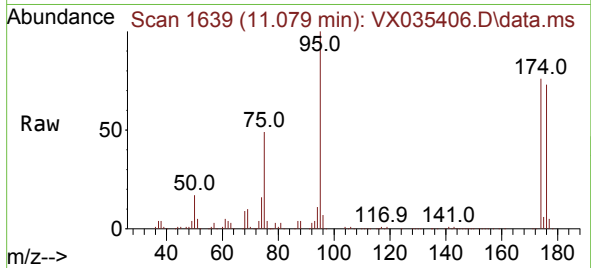




#62
4-Bromofluorobenzene
Concen: 51.186 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

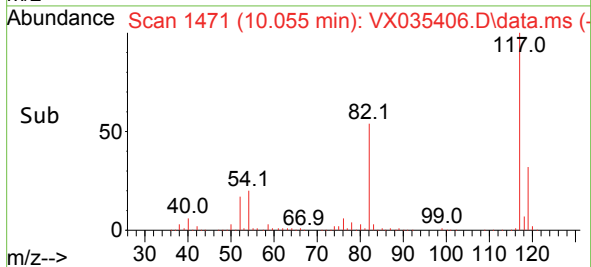
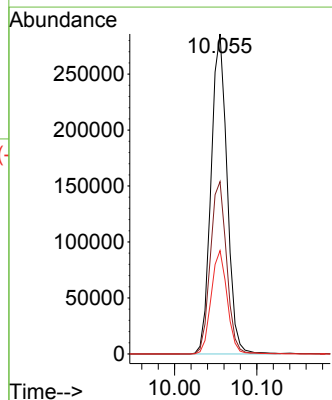
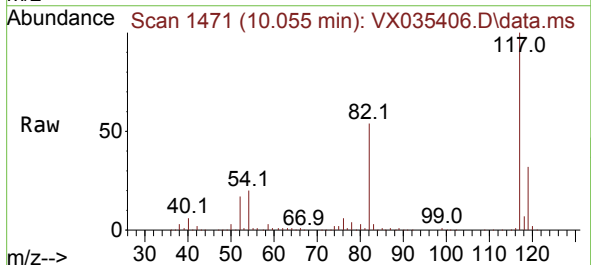
Instrument :
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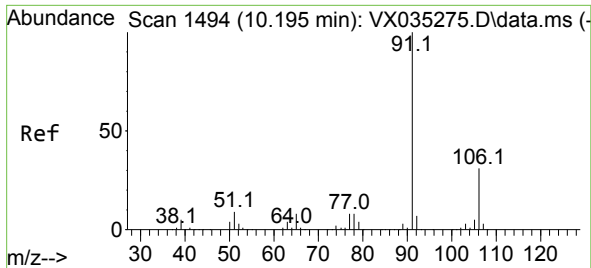
Tgt Ion: 95 Resp: 188586
Ion Ratio Lower Upper
95 100
174 80.7 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 117 Resp: 387264
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.3 26.0 39.0

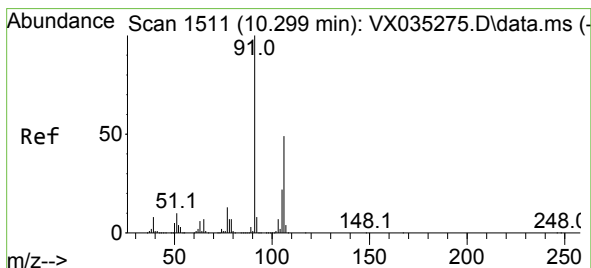
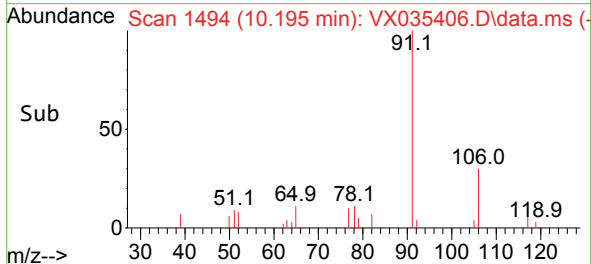
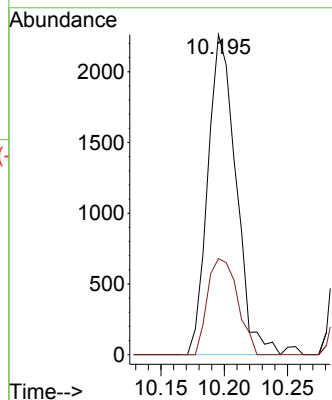
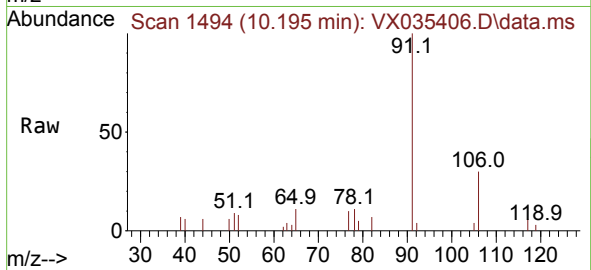




#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

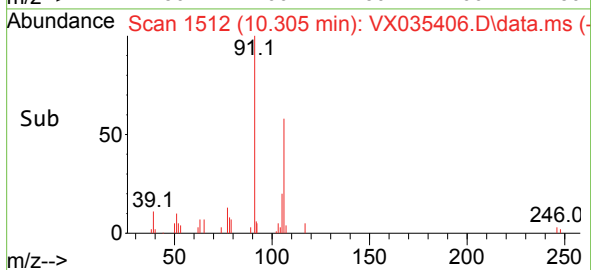
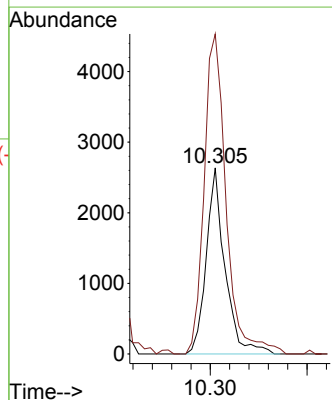
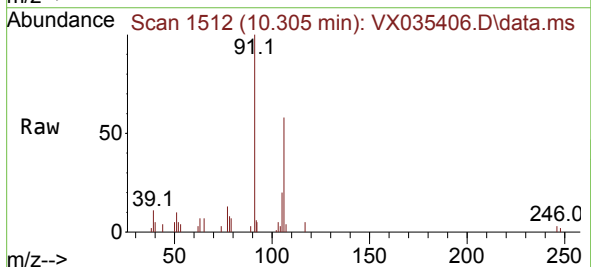
Instrument :
MSVOA_X
ClientSampleId :
MW-4

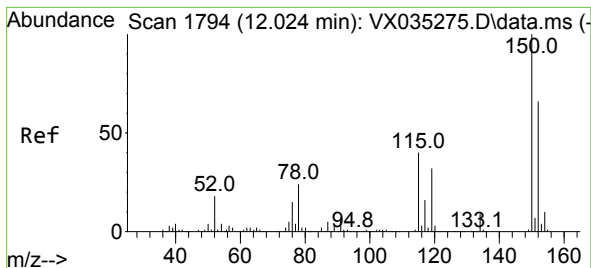
Tgt Ion: 91 Resp: 3499
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 0.640 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 106 Resp: 3556
Ion Ratio Lower Upper
106 100
91 201.0 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035406.D

Acq: 28 Apr 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4

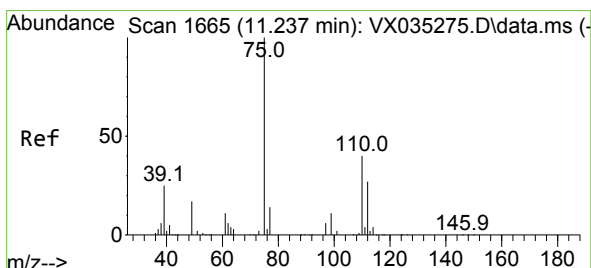
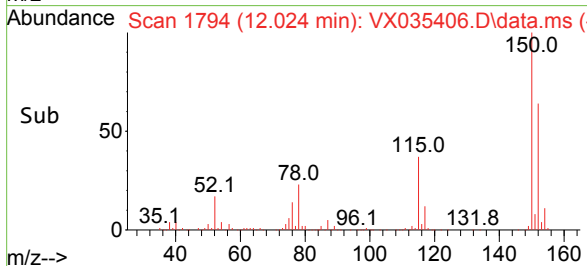
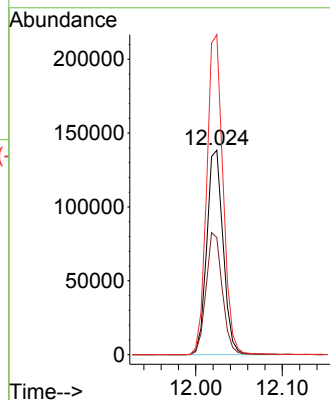
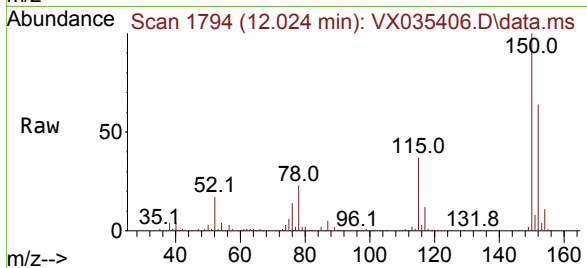
Tgt Ion:152 Resp: 181424

Ion Ratio Lower Upper

152 100

115 59.5 45.0 135.0

150 156.4 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.091 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035406.D

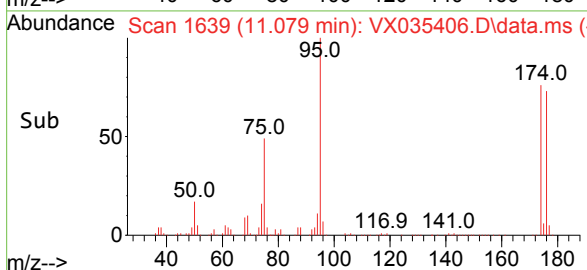
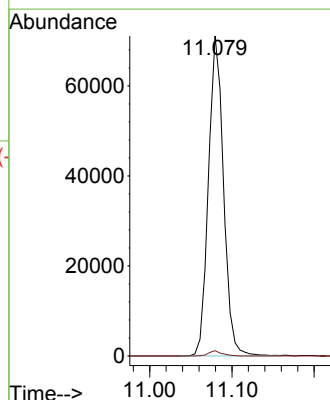
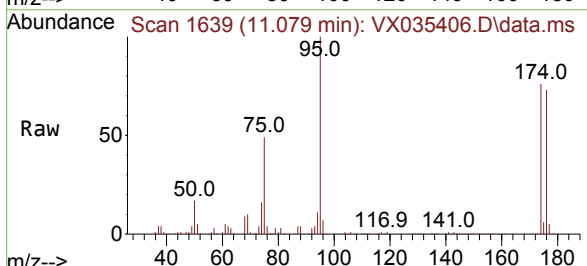
Acq: 28 Apr 2023 21:08

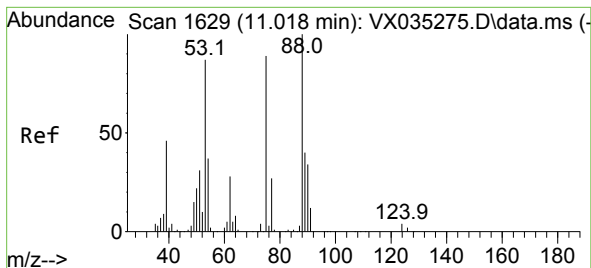
Tgt Ion: 75 Resp: 90806

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#

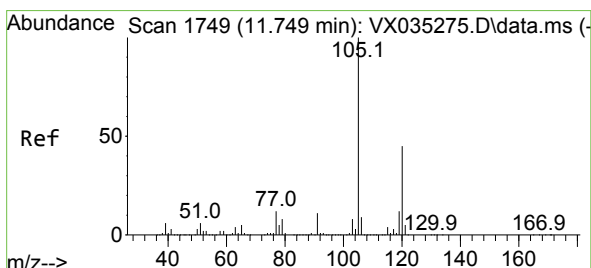
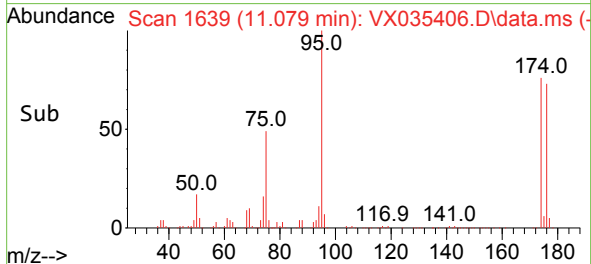
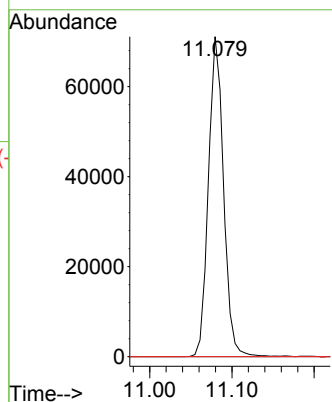
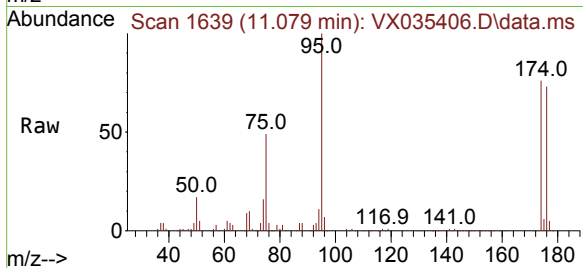




#81
trans-1,4-Dichloro-2-butene
Concen: 81.267 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

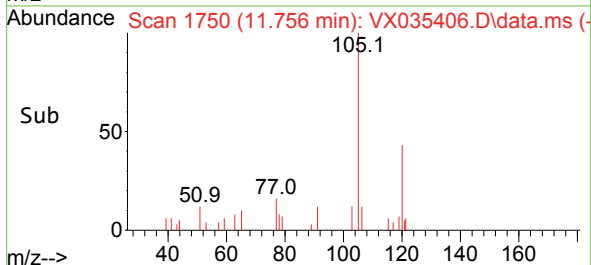
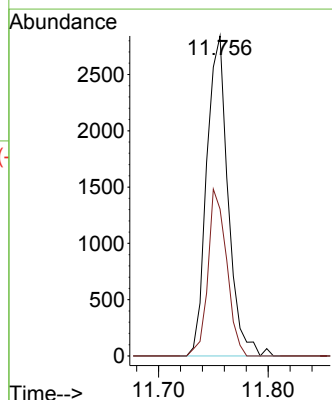
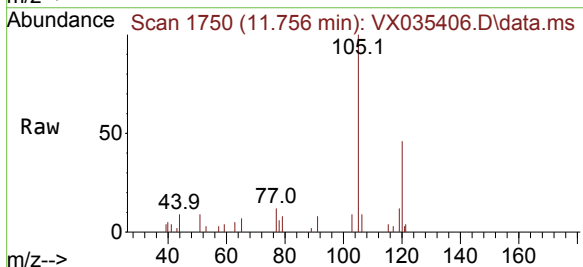
Instrument :
MSVOA_X
ClientSampleId :
MW-4

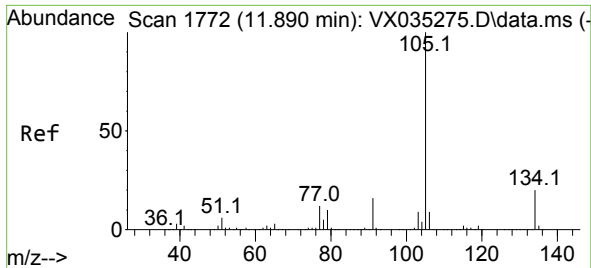
Tgt Ion: 75 Resp: 90806
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.343 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 105 Resp: 3849
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0

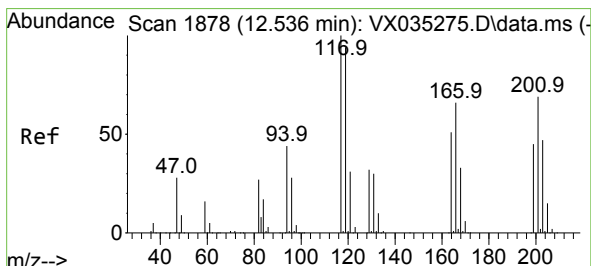
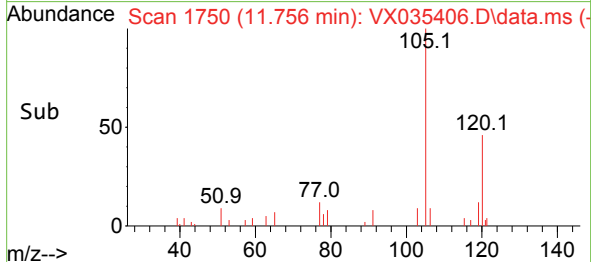
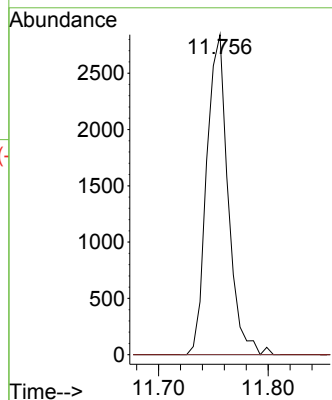
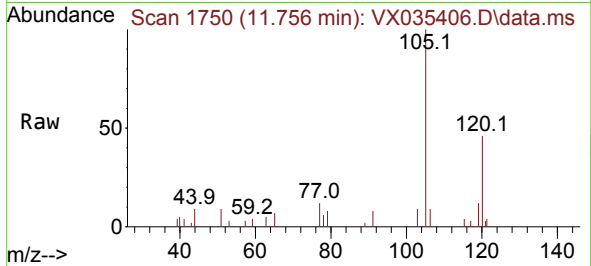




#85
 sec-Butylbenzene
 Concen: 0.280 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

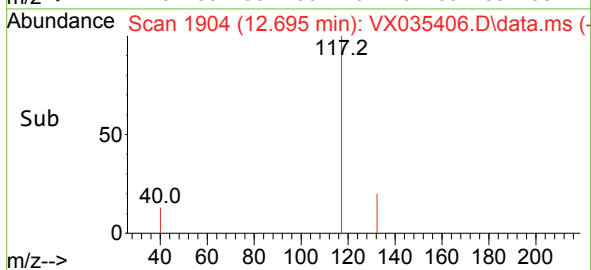
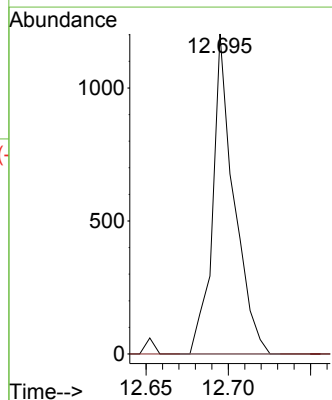
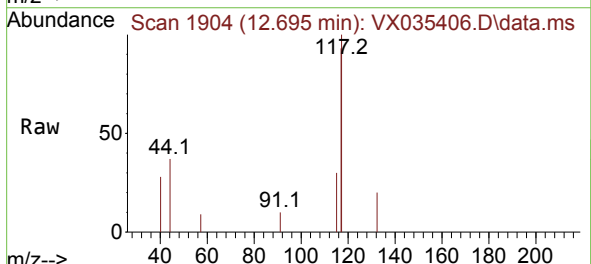
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

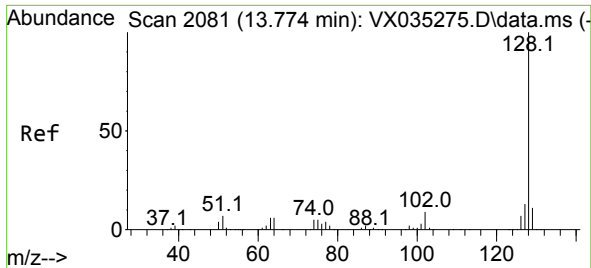
Tgt Ion:105 Resp: 3849
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#90
 Hexachloroethane
 Concen: 0.607 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. 0.159 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

Tgt Ion:117 Resp: 1088
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.4 103.1#





#95

Naphthalene

Concen: 0.498 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035406.D

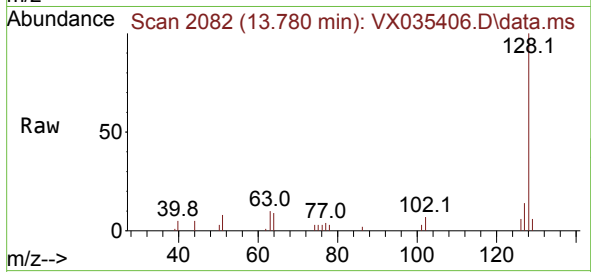
Acq: 28 Apr 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4



Tgt Ion:128 Resp: 6036

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 8.9 8.6 13.0

