

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035369.D
 Acq On : 28 Apr 2023 06:31
 Operator : JC/MD
 Sample : 02522-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Apr 28 07:16:28 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

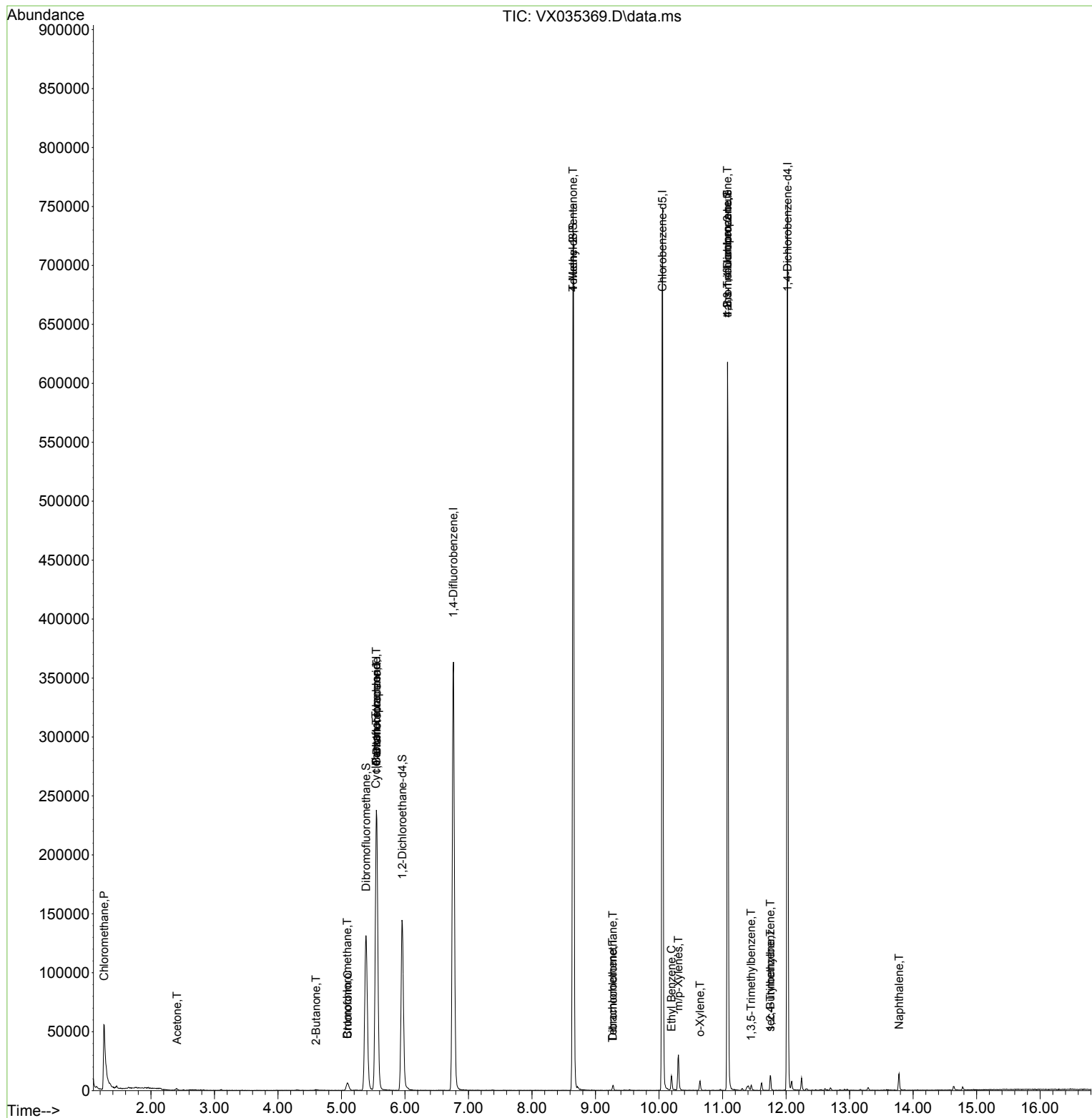
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	234814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139708	49.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.385	113	116968	49.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.647	98	448463	50.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	11.079	95	171281	51.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	2229	0.986	ug/l #	42
16) Acetone	2.410	43	2082	1.692	ug/l #	87
25) 2-Butanone	4.599	43	939	0.523	ug/l #	78
28) Bromochloromethane	5.093	49	506	0.265	ug/l #	15
30) Chloroform	5.099	83	7827	1.733	ug/l	85
31) Cyclohexane	5.544	56	4568	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16690	4.562	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22909	6.596	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1863	0.540	ug/l #	1
60) Dibromochloromethane	9.275	129	903	0.355	ug/l #	10
64) Tetrachloroethene	9.269	164	821	0.307	ug/l #	77
67) Ethyl Benzene	10.195	91	7940	0.607	ug/l	98
68) m/p-Xylenes	10.305	106	7413	1.480	ug/l	98
69) o-Xylene	10.646	106	1980	0.403	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	84299	25.768	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	2438	0.241	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	84299	83.457	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	6247	0.615	ug/l	99
85) sec-Butylbenzene	11.756	105	6247	0.502	ug/l #	56
95) Naphthalene	13.780	128	10154	0.926	ug/l	99

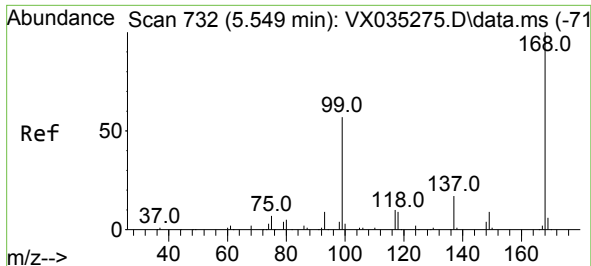
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 07:16:28 2023
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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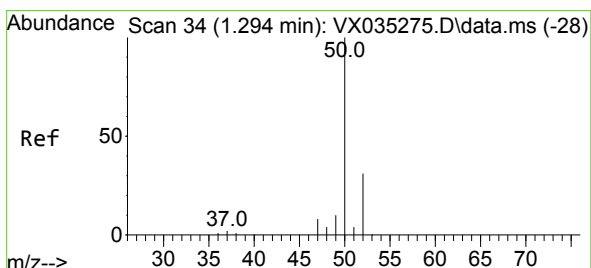
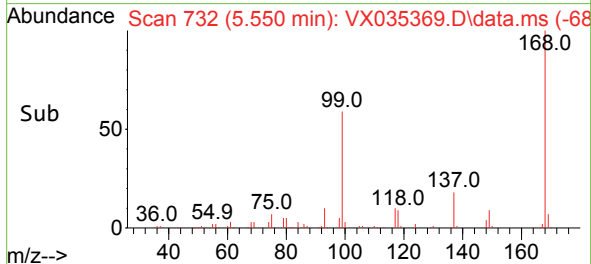
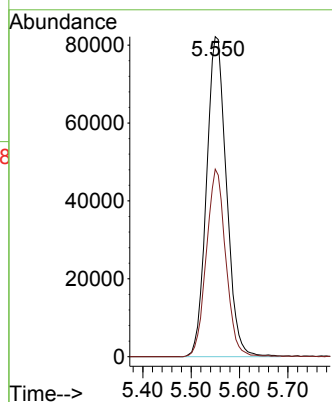
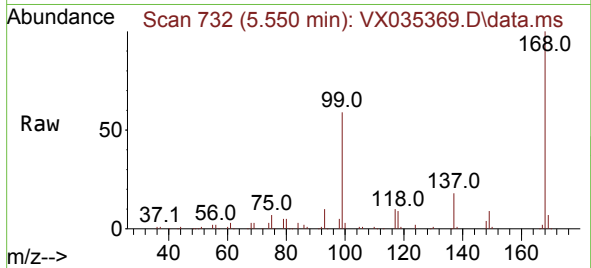




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

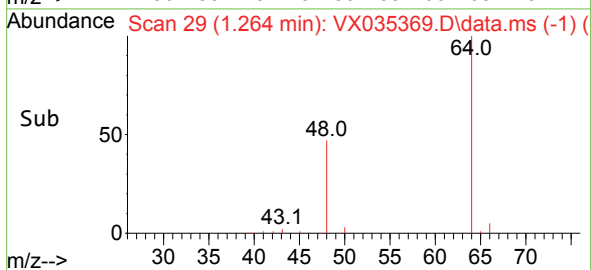
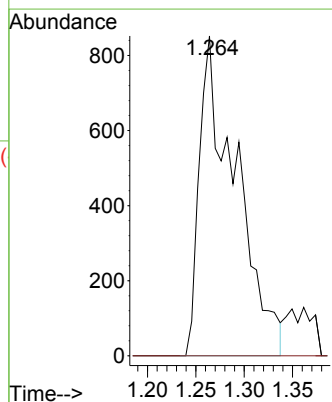
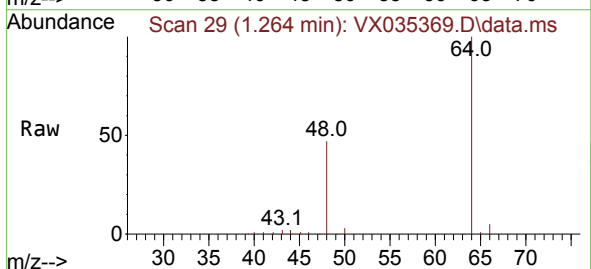
Instrument :
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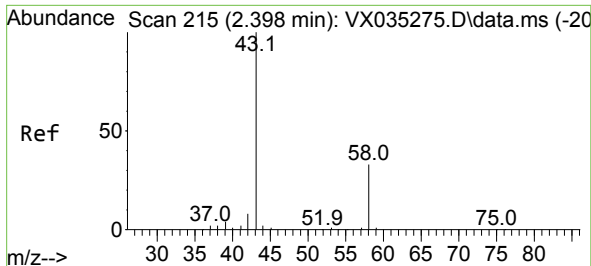
Tgt Ion:168 Resp: 234814
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#3
Chloromethane
Concen: 0.986 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 50 Resp: 2229
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

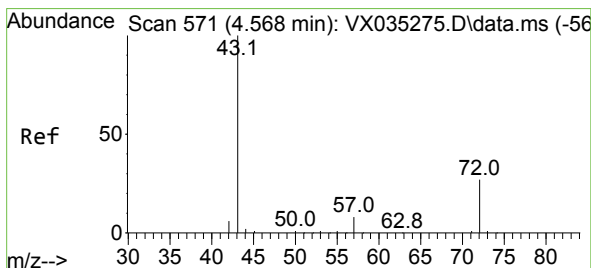
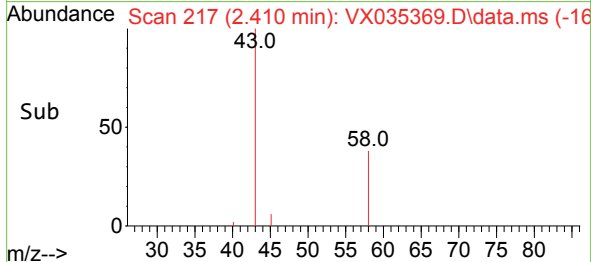
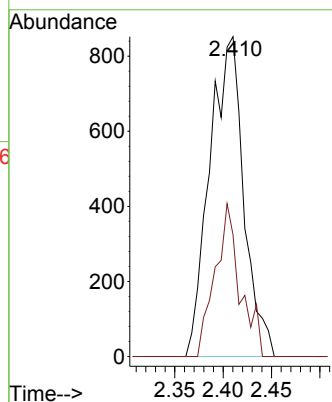
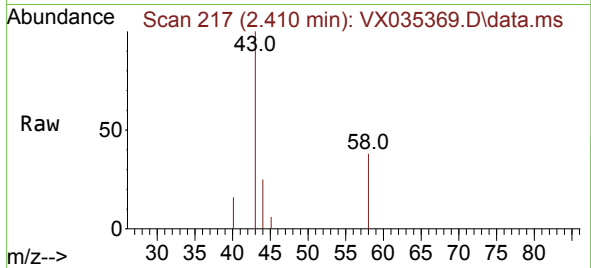




#16
Acetone
Concen: 1.692 ug/l
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

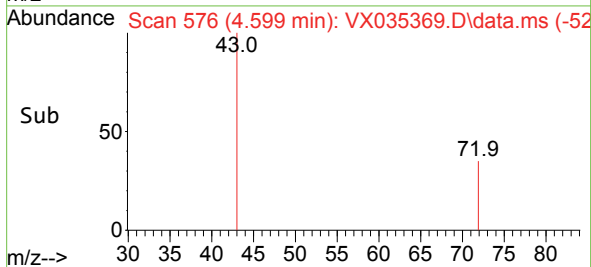
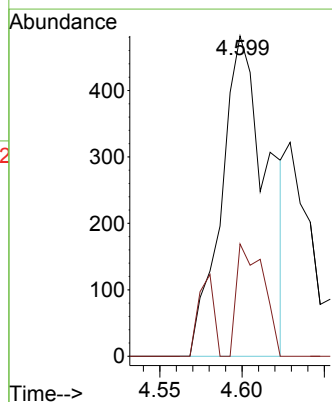
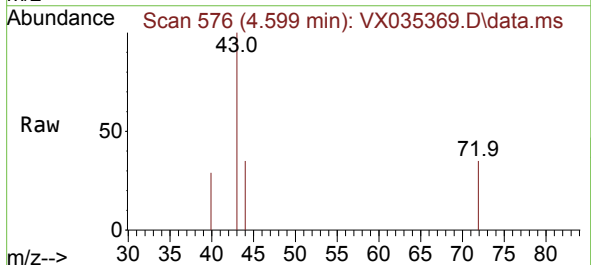
Instrument :
MSVOA_X
ClientSampleId :
MW-7

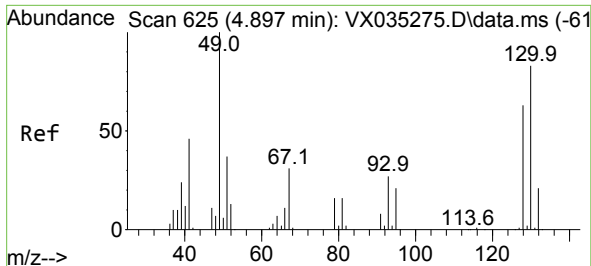
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 38.1 24.7 37.1#



#25
2-Butanone
Concen: 0.523 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
72 35.1 19.3 28.9#

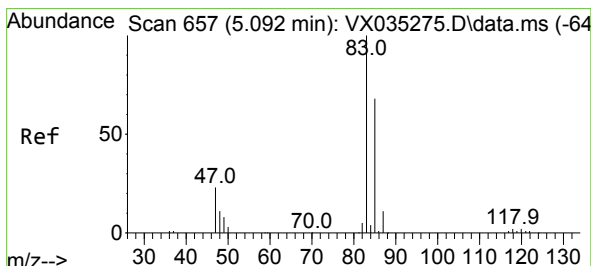
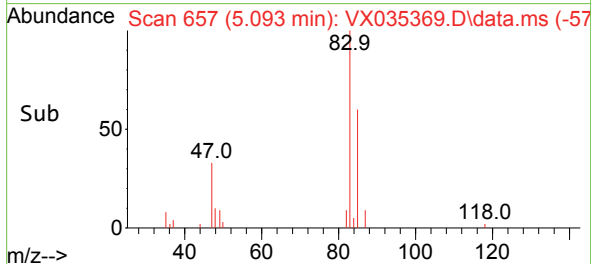
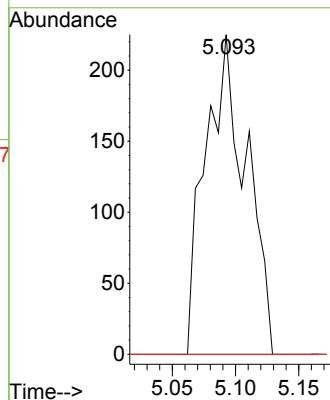
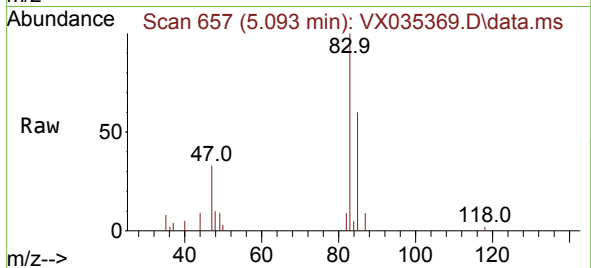




#28
Bromochloromethane
Concen: 0.265 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

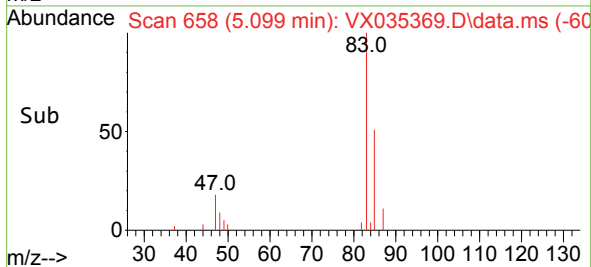
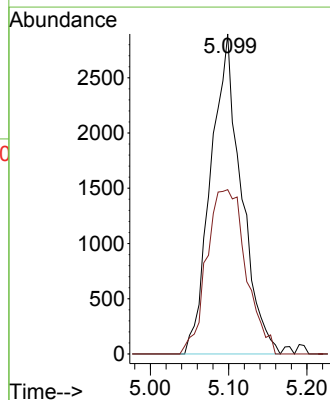
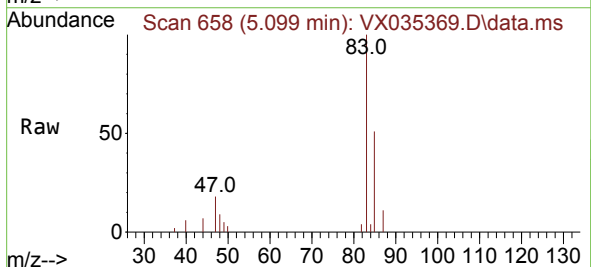
Instrument :
MSVOA_X
ClientSampleId :
MW-7

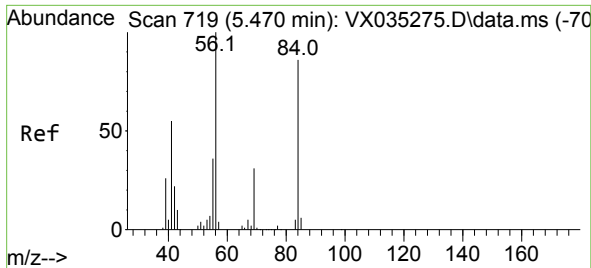
Tgt Ion: 49 Resp: 506
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#30
Chloroform
Concen: 1.733 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 83 Resp: 7827
Ion Ratio Lower Upper
83 100
85 51.3 50.6 76.0

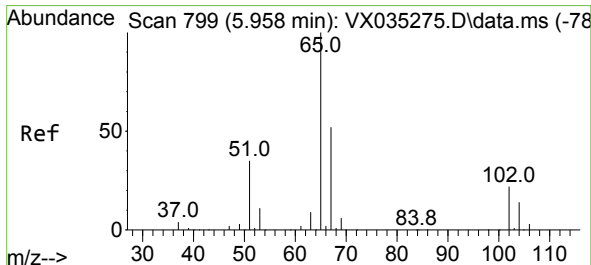
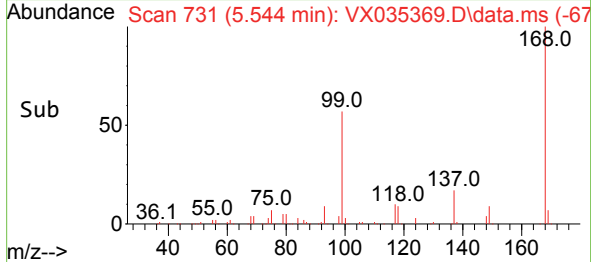
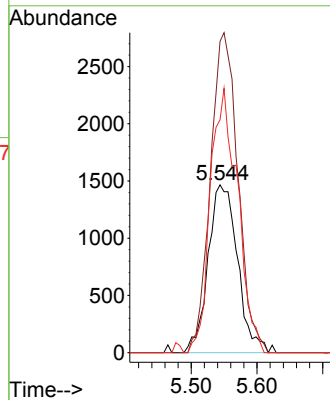
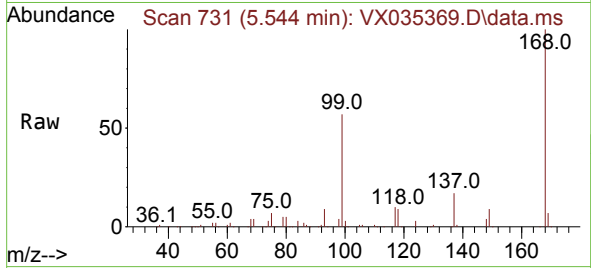




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

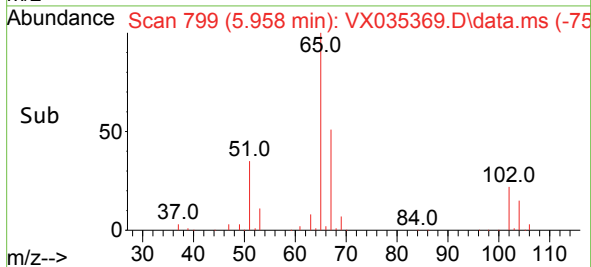
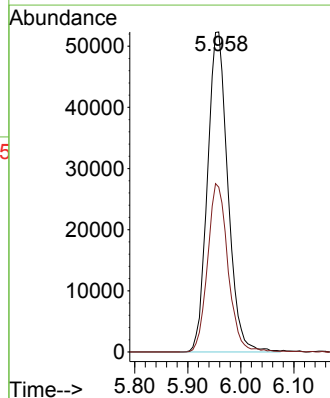
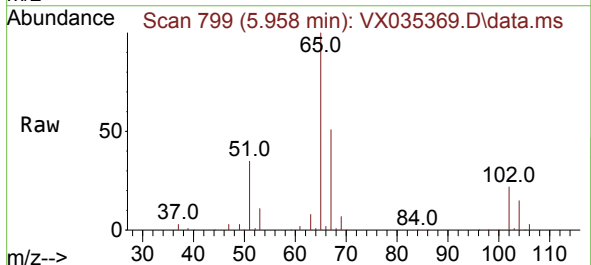
Instrument :
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ClientSampleId :
MW-7

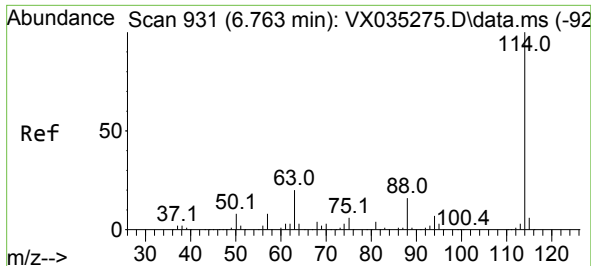
Tgt Ion: 56 Resp: 4568
Ion Ratio Lower Upper
56 100
69 185.5 23.7 35.5#
84 138.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.316 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 65 Resp: 139708
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

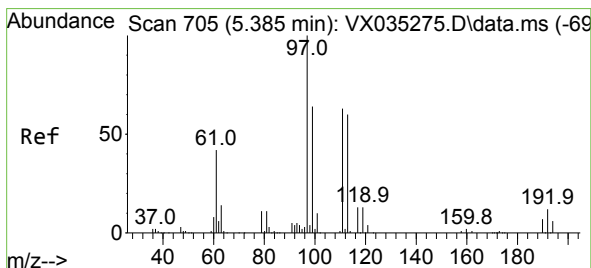
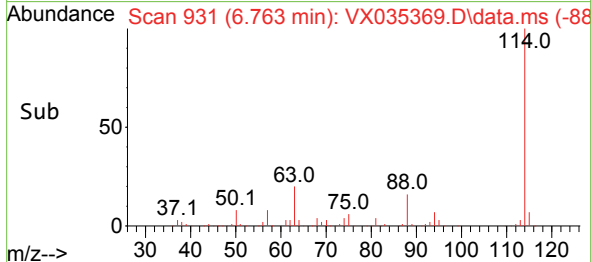
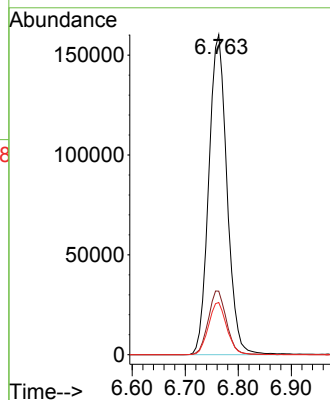
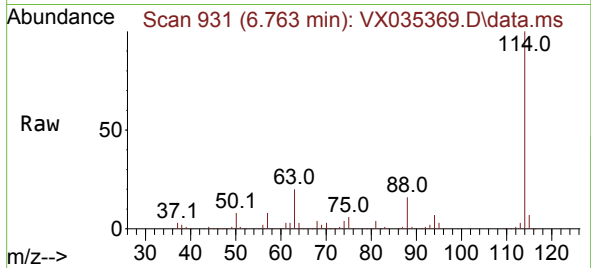




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

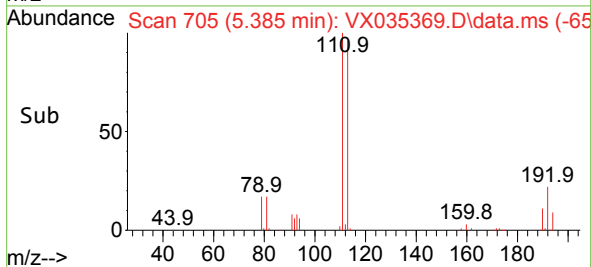
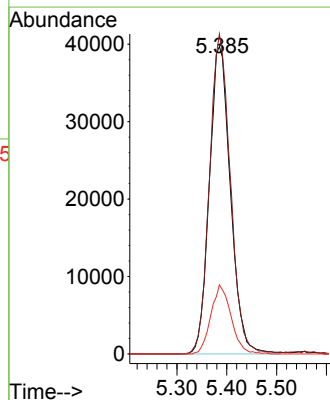
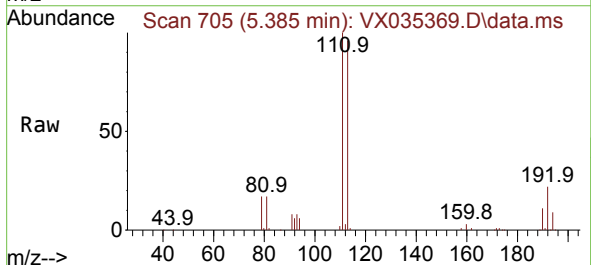
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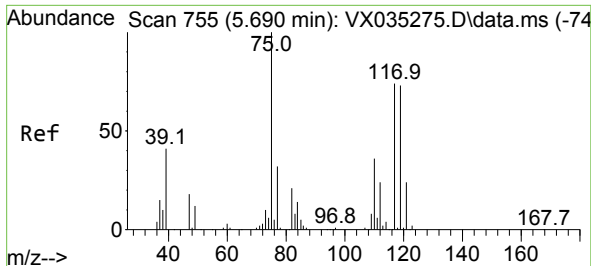
Tgt Ion:114 Resp: 381779
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion:113 Resp: 116968
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 21.5 15.4 23.2

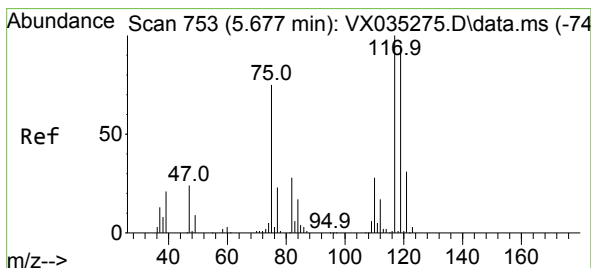
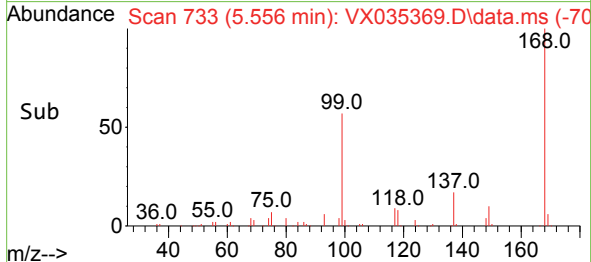
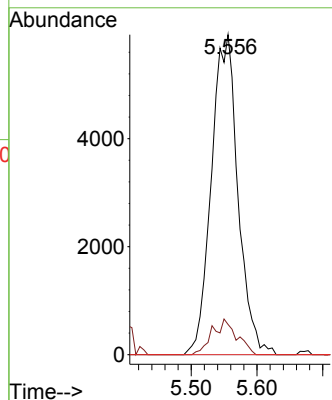
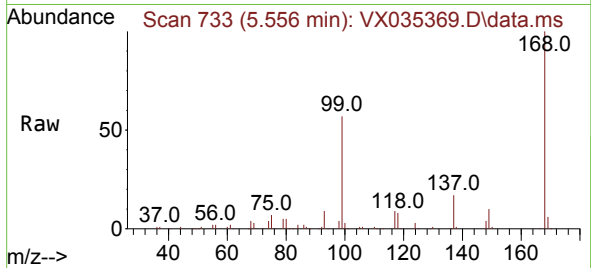




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

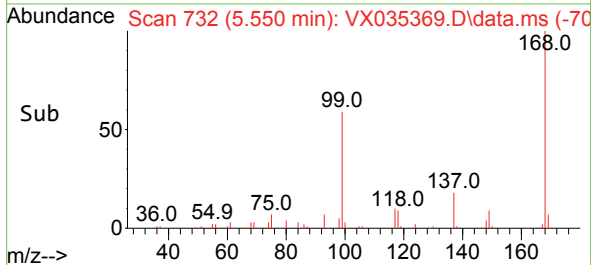
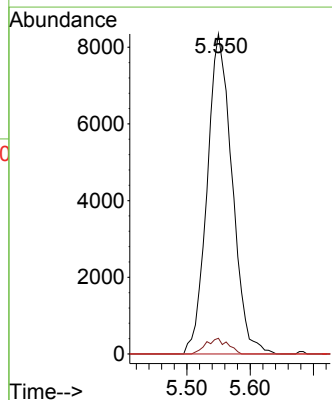
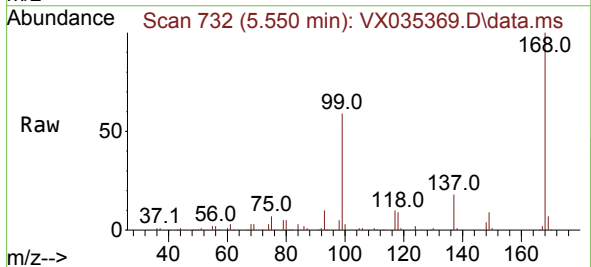
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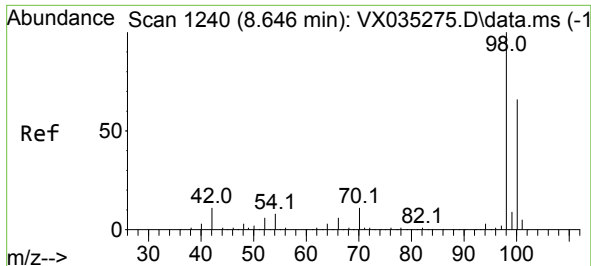
Tgt Ion: 75 Resp: 16690
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 117 Resp: 22909
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#

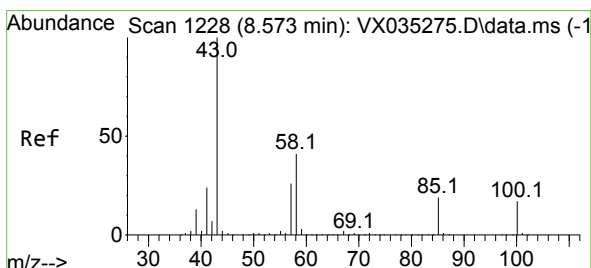
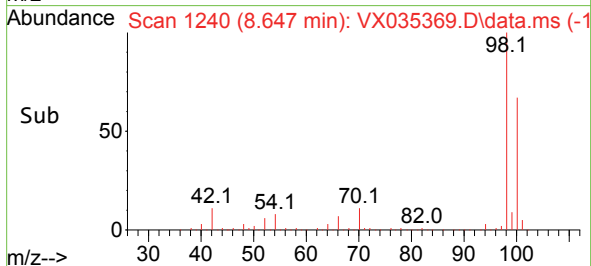
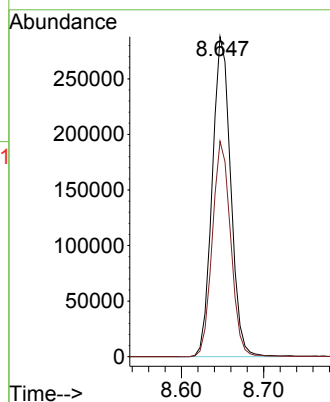
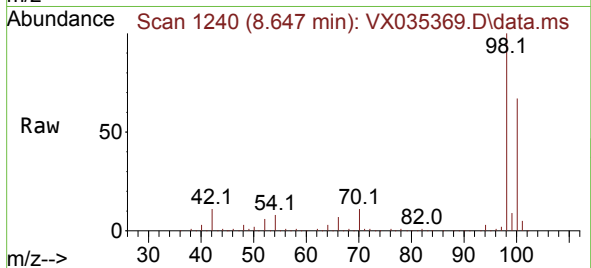




#50
Toluene-d8
Concen: 50.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

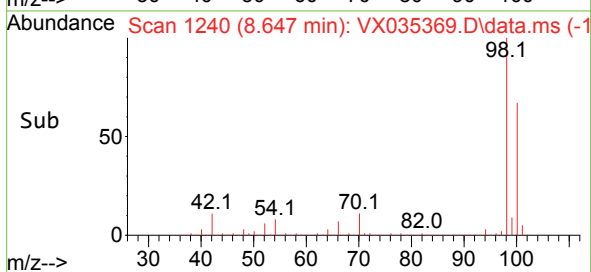
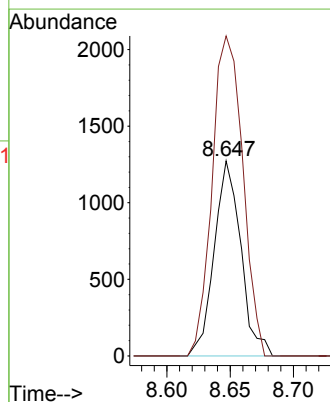
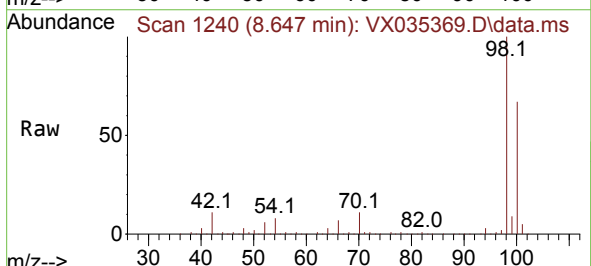
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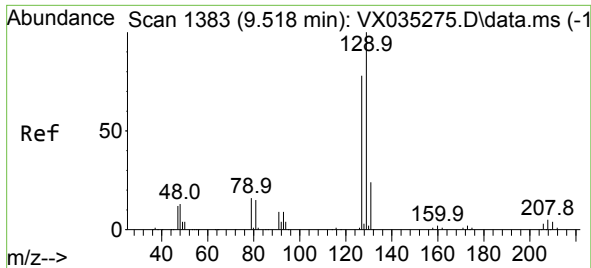
Tgt Ion: 98 Resp: 448463
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
58 188.9 30.6 46.0#

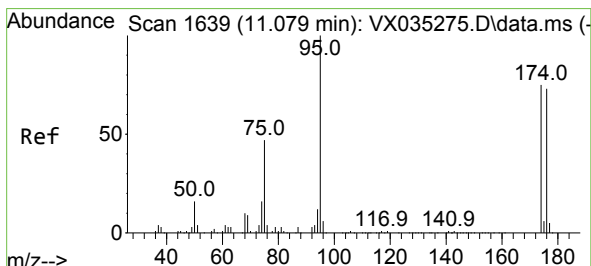
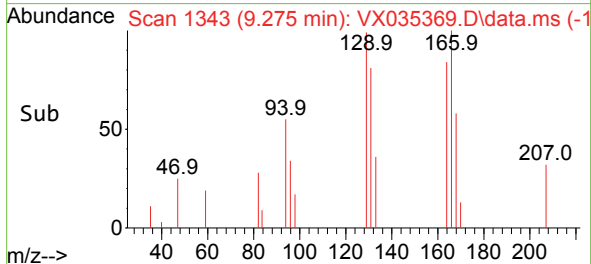
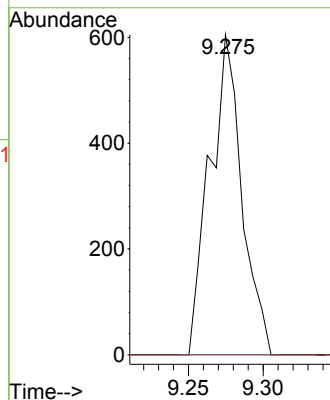
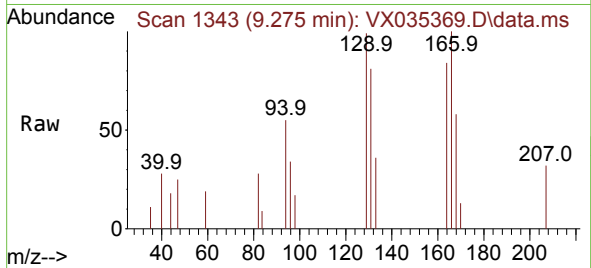




#60
Dibromochloromethane
Concen: 0.355 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

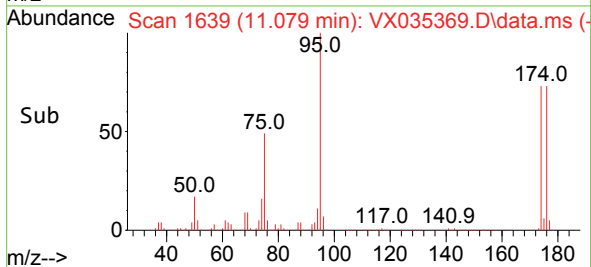
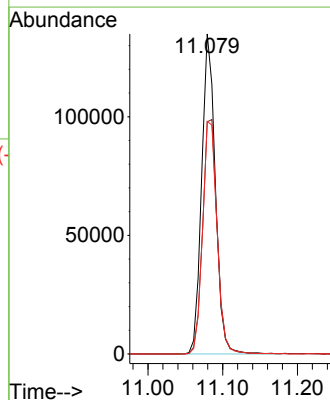
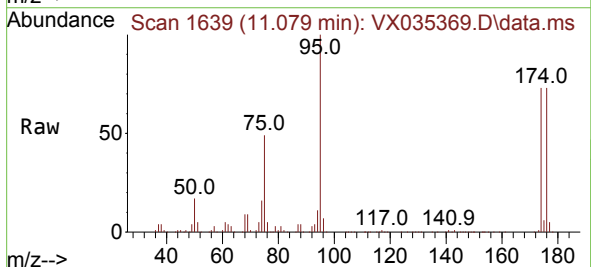
Instrument :
MSVOA_X
ClientSampleId :
MW-7

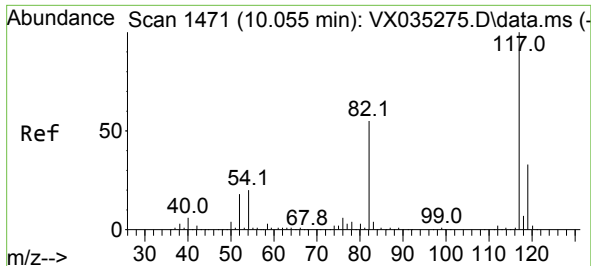
Tgt Ion:129 Resp: 903
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 51.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 95 Resp: 171281
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 76.9 0.0 140.6

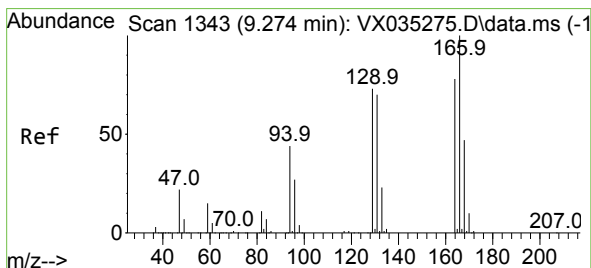
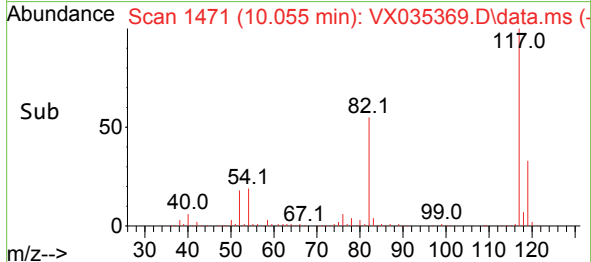
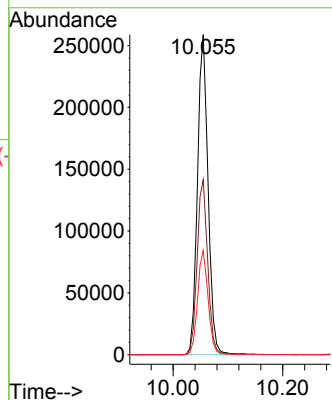
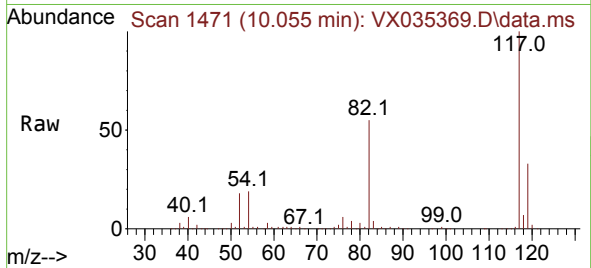




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

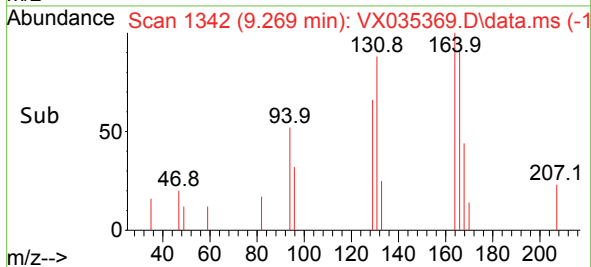
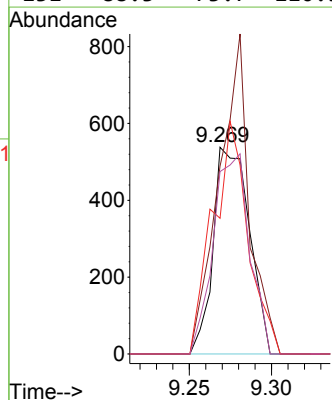
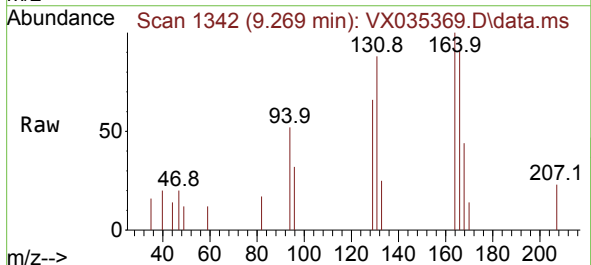
Instrument :
MSVOA_X
ClientSampleId :
MW-7

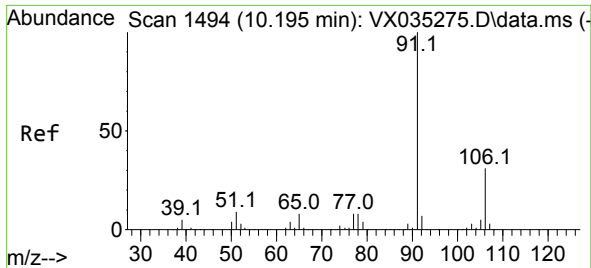
Tgt Ion:117 Resp: 348966
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 0.307 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion:164 Resp: 821
Ion Ratio Lower Upper
164 100
166 90.9 102.7 154.1#
129 65.6 75.6 113.4#
131 88.3 73.7 110.5

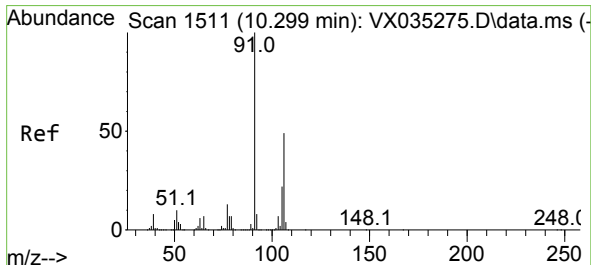
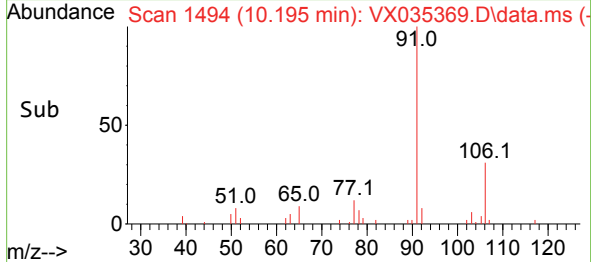
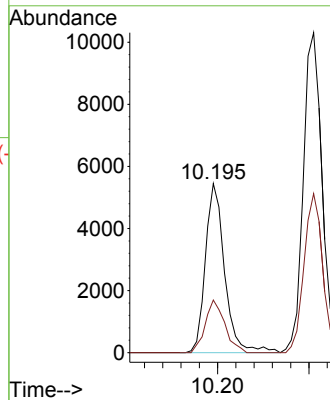
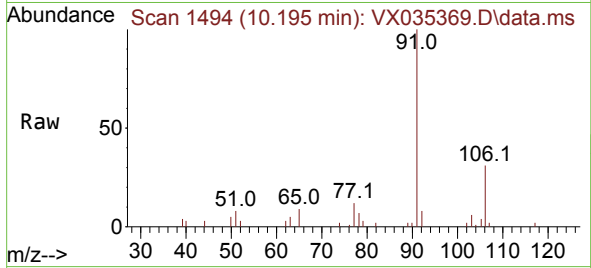




#67
Ethyl Benzene
Concen: 0.607 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

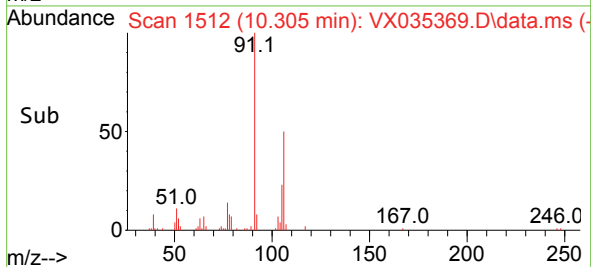
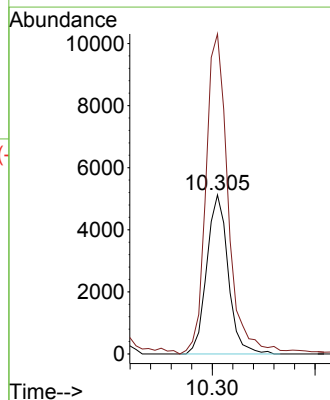
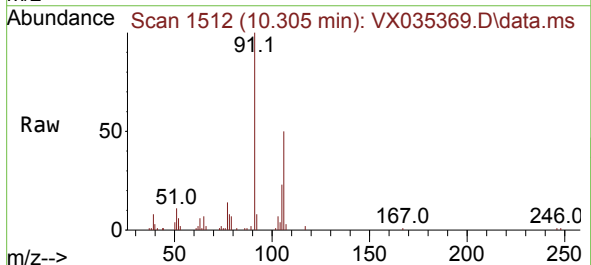
Instrument :
MSVOA_X
ClientSampleId :
MW-7

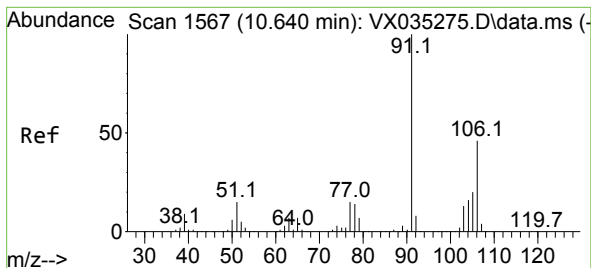
Tgt Ion: 91 Resp: 7940
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 1.480 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 106 Resp: 7413
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0





#69

o-Xylene

Concen: 0.403 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

Instrument :

MSVOA_X

ClientSampleId :

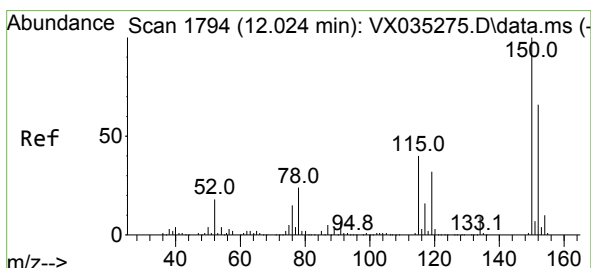
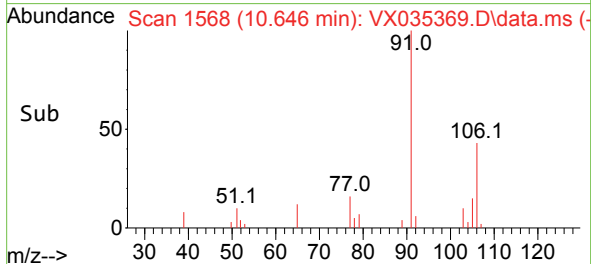
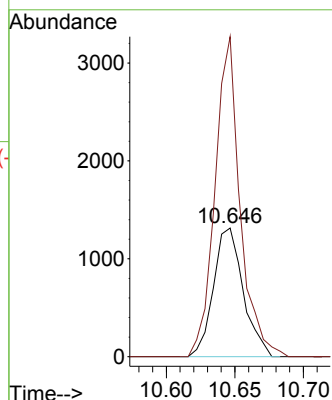
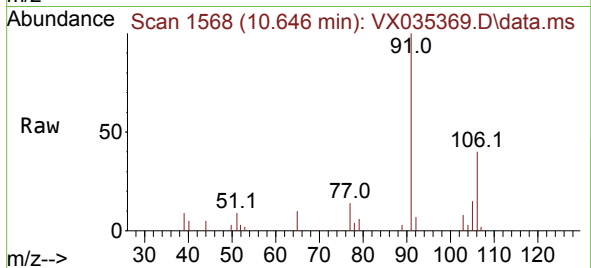
MW-7

Tgt Ion:106 Resp: 1980

Ion Ratio Lower Upper

106 100

91 210.2 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

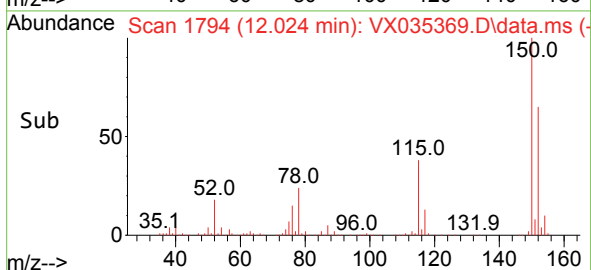
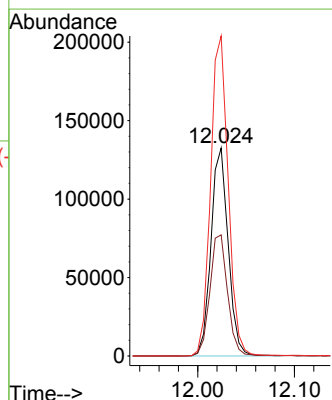
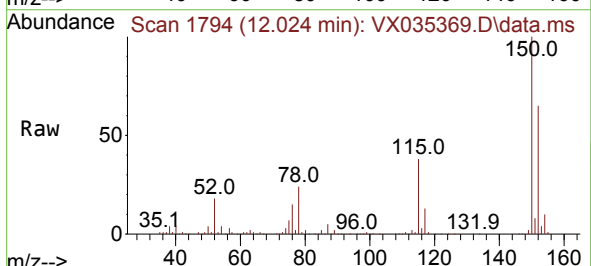
Tgt Ion:152 Resp: 164003

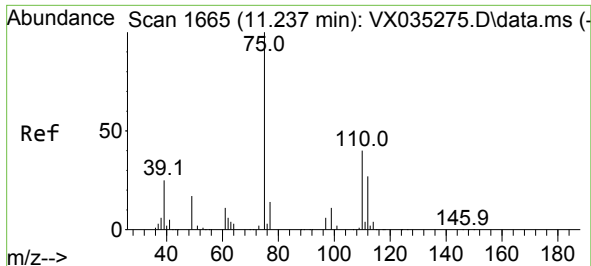
Ion Ratio Lower Upper

152 100

115 60.1 45.0 135.0

150 157.5 0.0 352.4

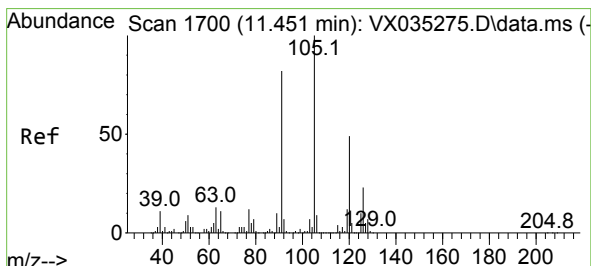
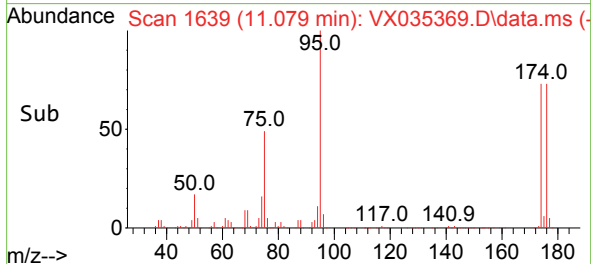
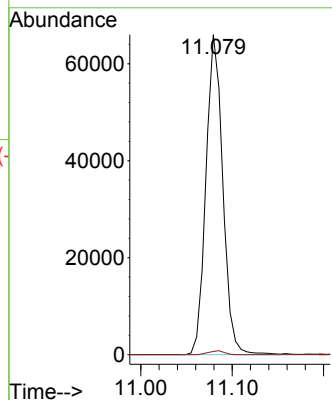
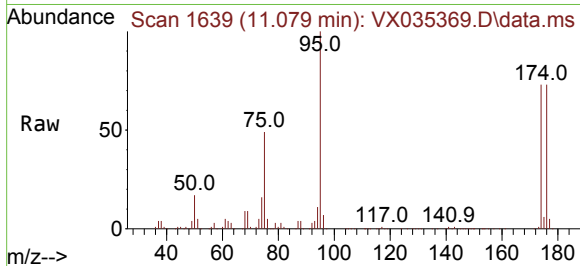




#76
1,2,3-Trichloropropane
Concen: 25.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

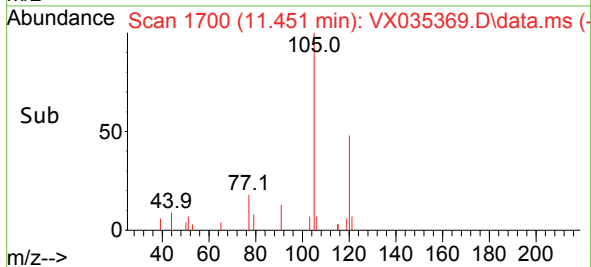
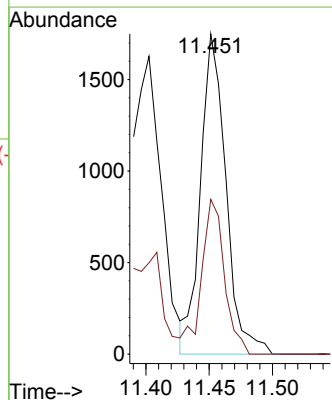
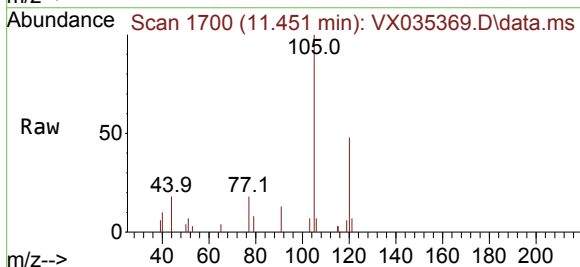
Instrument :
MSVOA_X
ClientSampleId :
MW-7

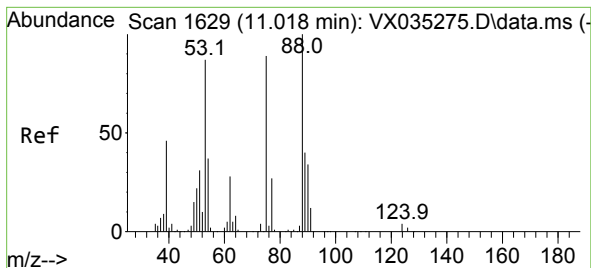
Tgt Ion: 75 Resp: 84299
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 105 Resp: 2438
Ion Ratio Lower Upper
105 100
120 43.7 23.7 71.1

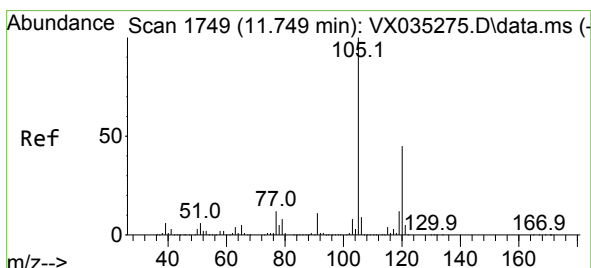
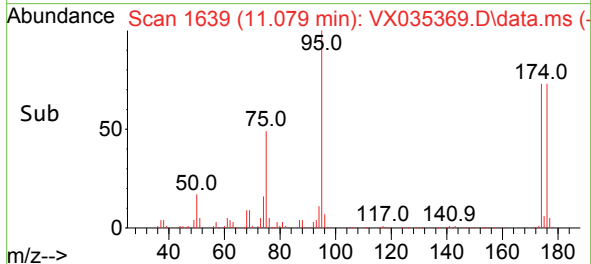
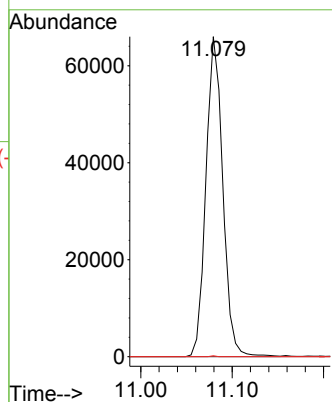
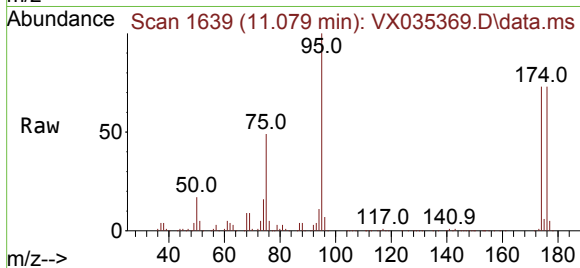




#81
trans-1,4-Dichloro-2-butene
Concen: 83.457 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

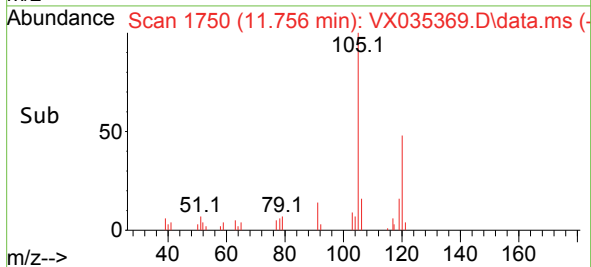
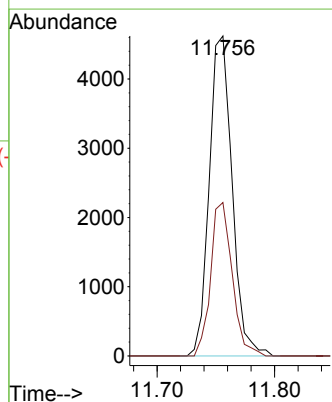
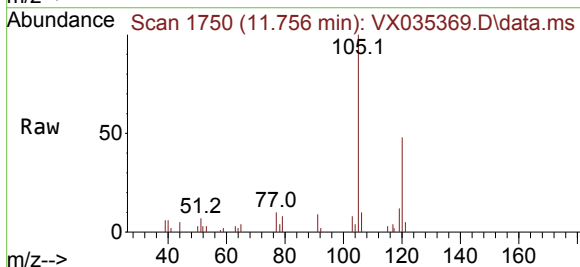
Instrument :
MSVOA_X
ClientSampleId :
MW-7

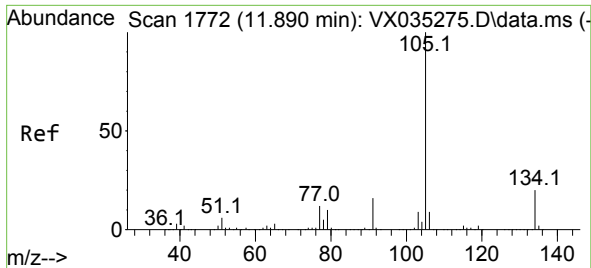
Tgt Ion: 75 Resp: 84299
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.615 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion:105 Resp: 6247
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0

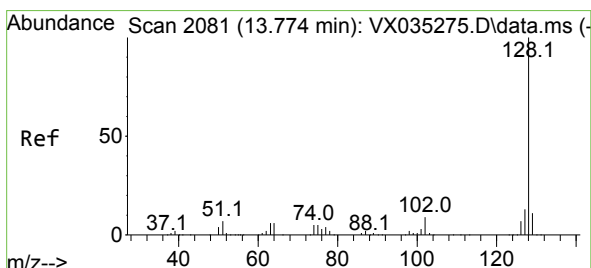
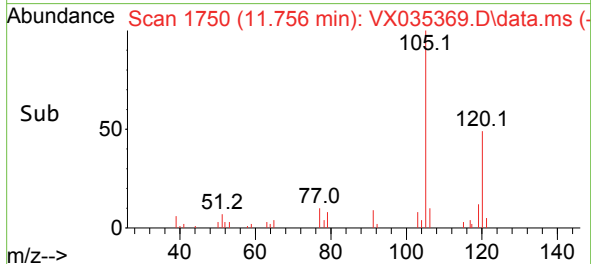
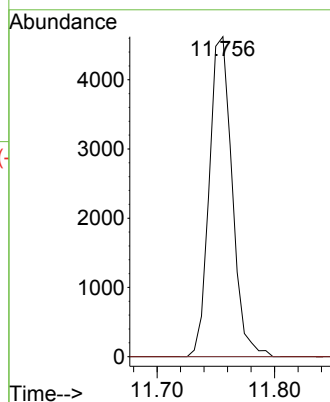
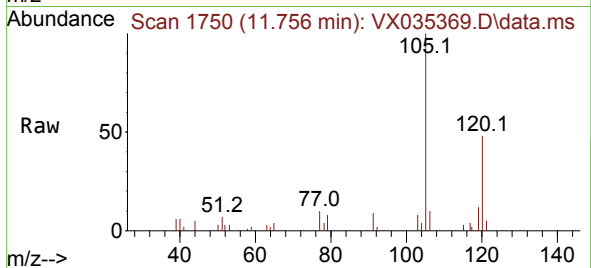




#85
 sec-Butylbenzene
 Concen: 0.502 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX035369.D
 Acq: 28 Apr 2023 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion:105 Resp: 6247
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#95
 Naphthalene
 Concen: 0.926 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX035369.D
 Acq: 28 Apr 2023 06:31

Tgt Ion:128 Resp: 10154
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 11.0 8.6 13.0

