

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035365.D
 Acq On : 28 Apr 2023 04:59
 Operator : JC/MD
 Sample : 02522-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Apr 28 06:44:33 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)

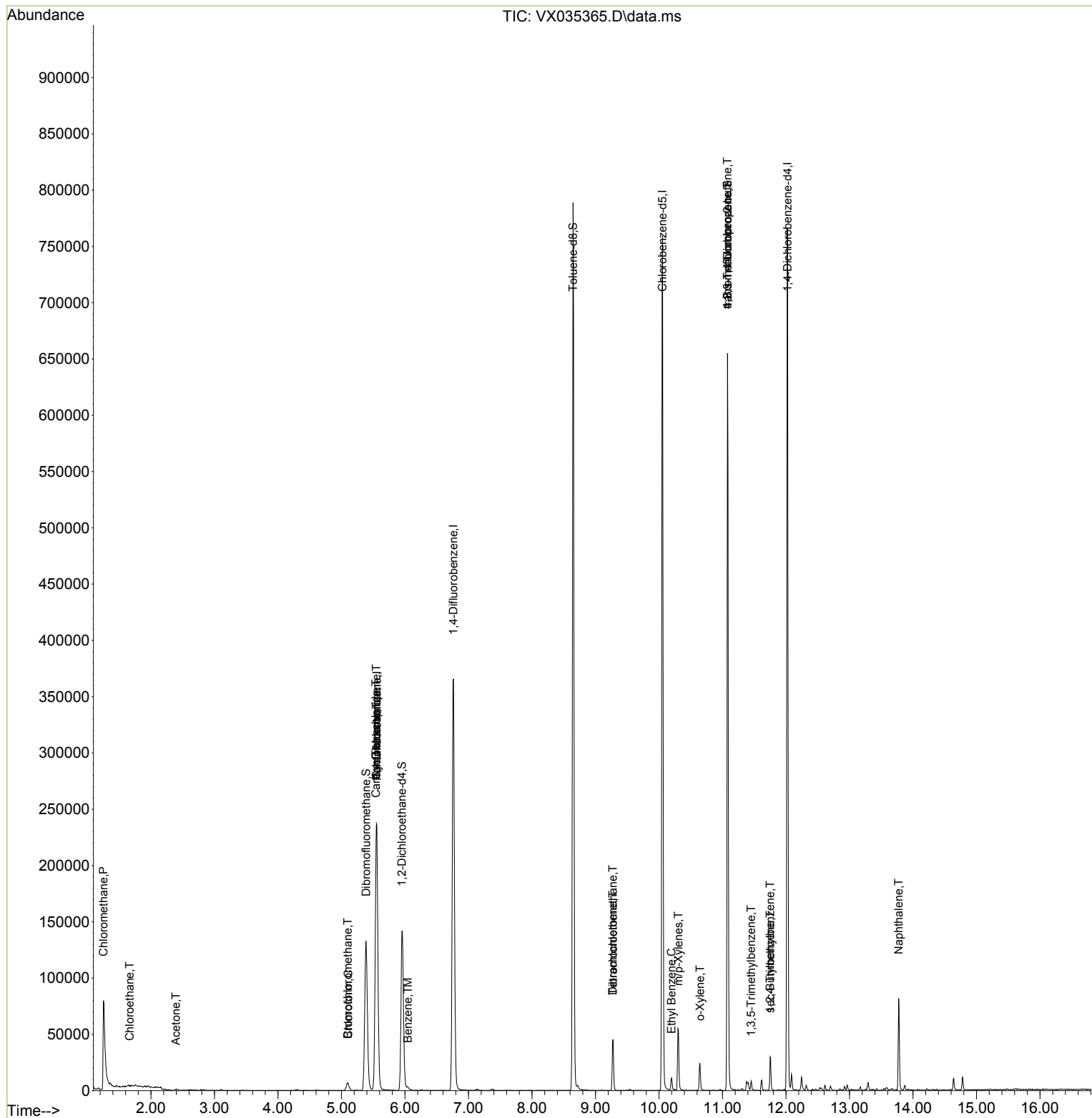
Internal Standards						
1) Pentafluorobenzene	5.556	168	234561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141133	49.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.740%		
35) Dibromofluoromethane	5.385	113	118423	49.557	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	8.647	98	459114	50.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.860%		
62) 4-Bromofluorobenzene	11.079	95	178718	52.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	3032	1.343	ug/l #	42
6) Chloroethane	1.666	64	388	0.293	ug/l #	55
16) Acetone	2.392	43	1712	1.393	ug/l	99
28) Bromochloromethane	5.099	49	469	0.246	ug/l #	15
30) Chloroform	5.105	83	8603	1.907	ug/l	99
31) Cyclohexane	5.550	56	4626	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17202	4.610	ug/l #	50
38) Carbon Tetrachloride	5.544	117	23461	6.623	ug/l #	15
40) Benzene	6.044	78	2785	0.260	ug/l #	84
60) Dibromochloromethane	9.275	129	8646	3.336	ug/l #	10
64) Tetrachloroethene	9.275	164	8662	3.125	ug/l	98
67) Ethyl Benzene	10.195	91	7186	0.530	ug/l	99
68) m/p-Xylenes	10.305	106	13388	2.576	ug/l	91
69) o-Xylene	10.647	106	6015	1.180	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	89115	25.786	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	4130	0.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	89115	83.516	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	14104	1.314	ug/l	99
85) sec-Butylbenzene	11.750	105	14104	1.073	ug/l #	56
95) Naphthalene	13.774	128	53292	4.603	ug/l	99

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

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Quant Title : SW846 8260
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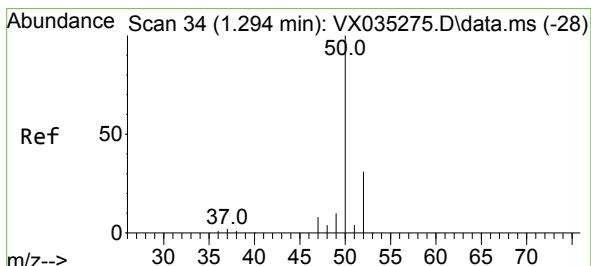
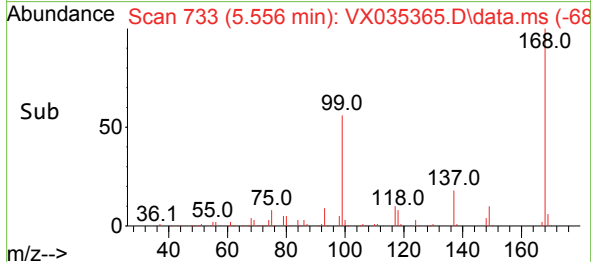
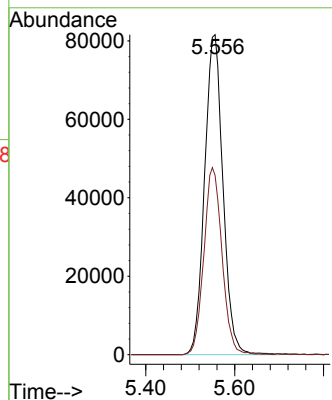
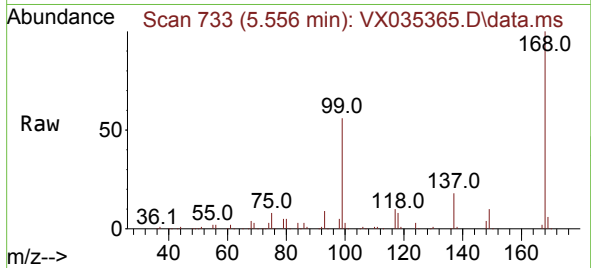




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

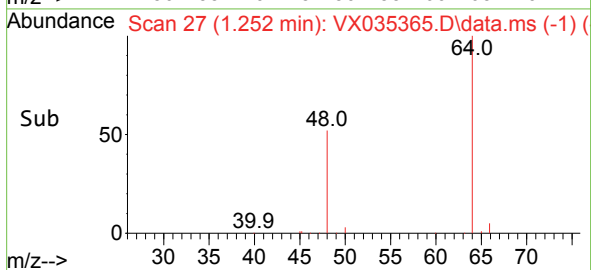
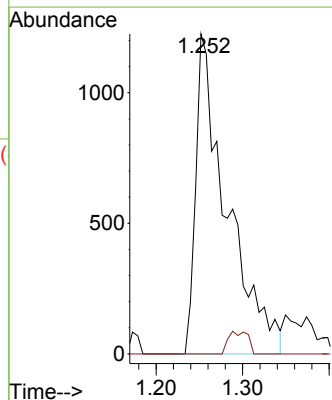
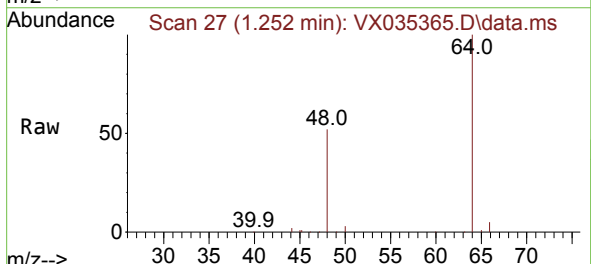
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

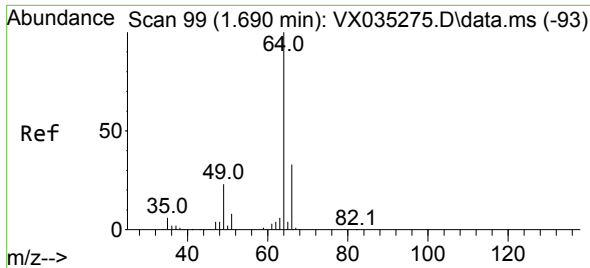
Tgt Ion:168 Resp: 234561
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5



#3
Chloromethane
Concen: 1.343 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 50 Resp: 3032
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

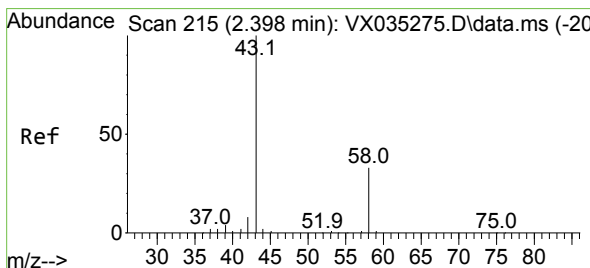
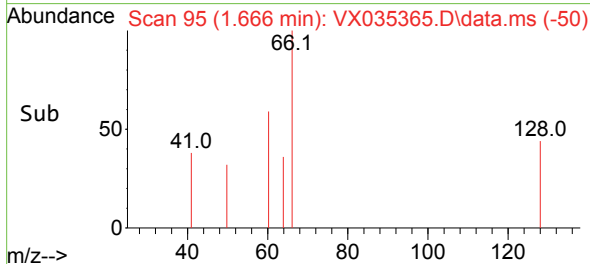
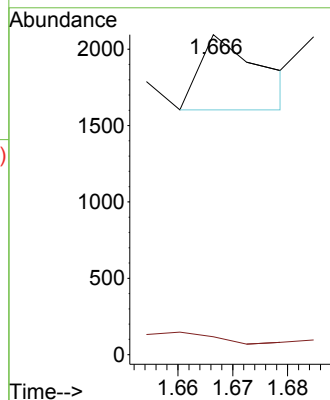
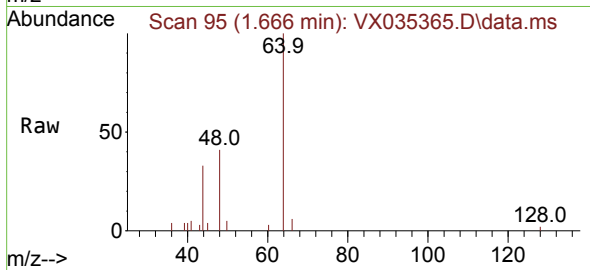




#6
Chloroethane
Concen: 0.293 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

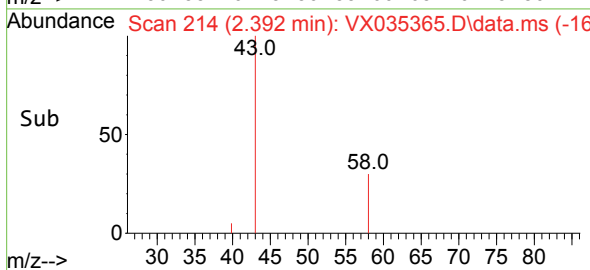
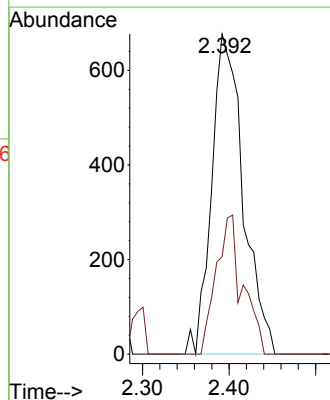
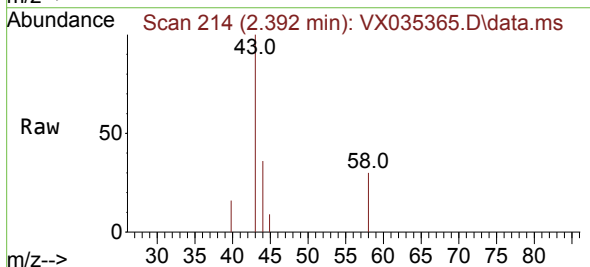
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

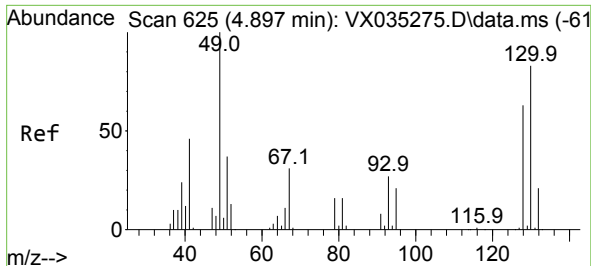
Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 7.3 26.2 39.4#



#16
Acetone
Concen: 1.393 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

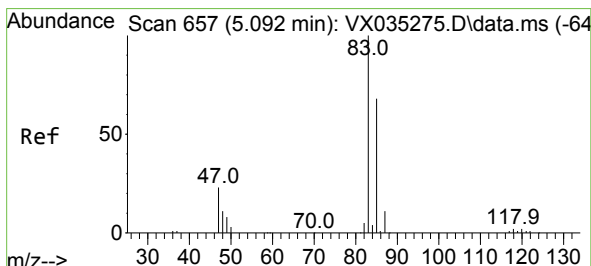
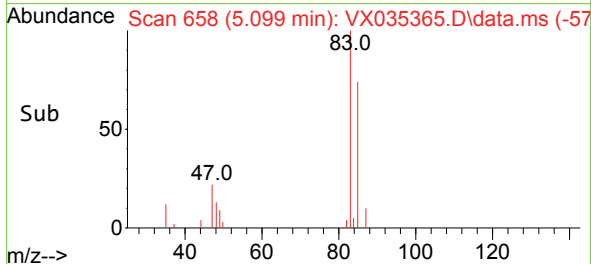
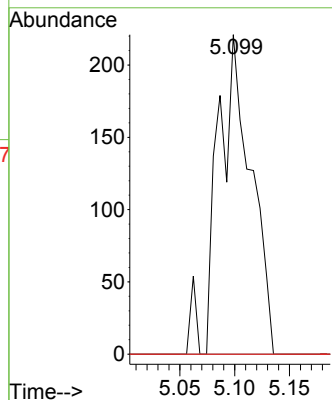
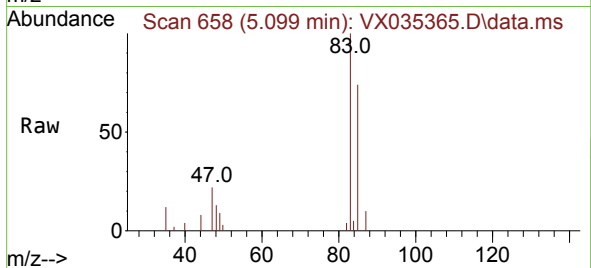




#28
Bromochloromethane
Concen: 0.246 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.202 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

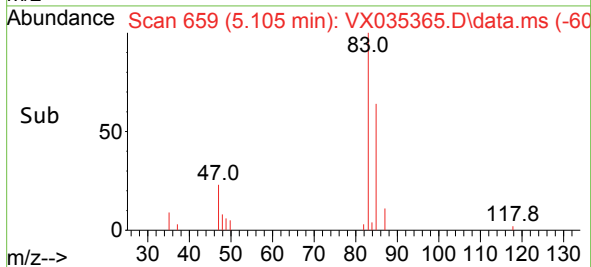
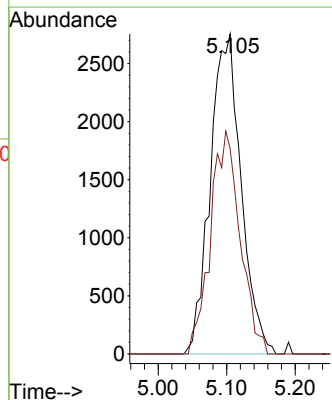
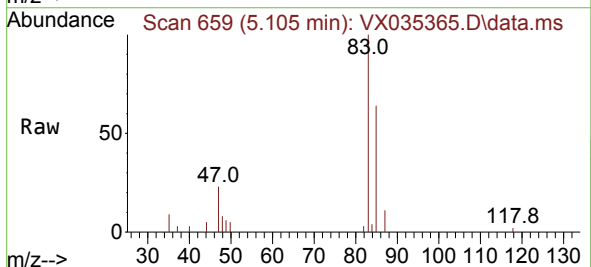
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

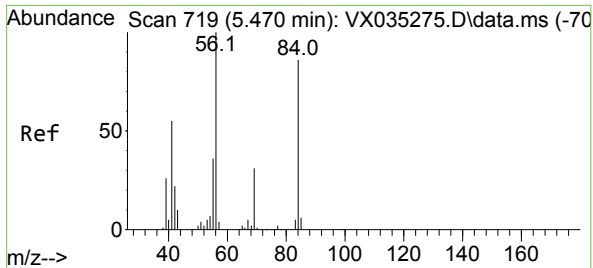
Tgt Ion: 49 Resp: 469
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#30
Chloroform
Concen: 1.907 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 83 Resp: 8603
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0

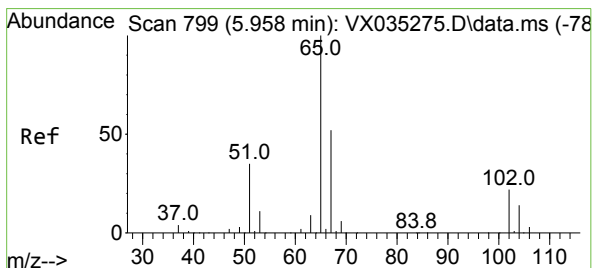
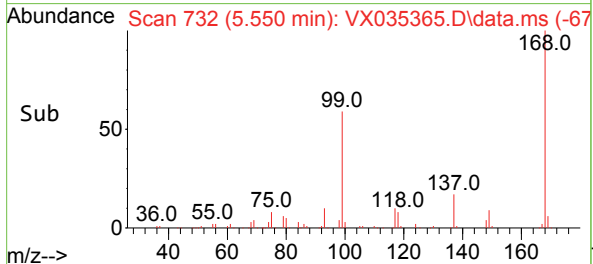
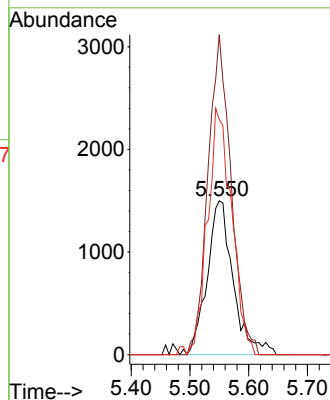
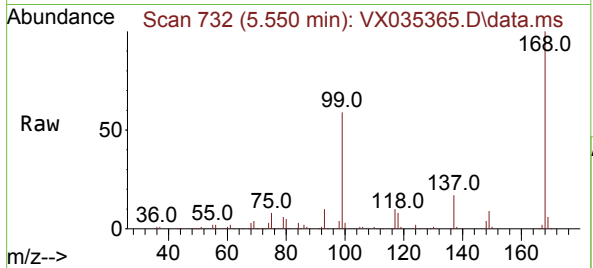




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

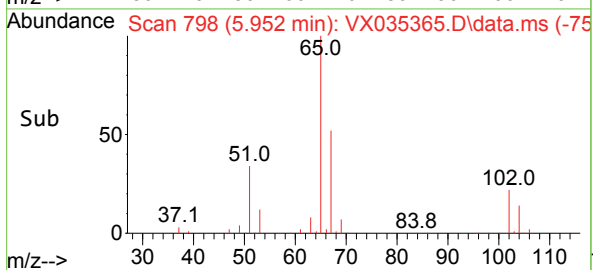
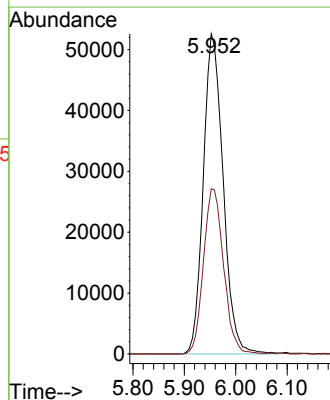
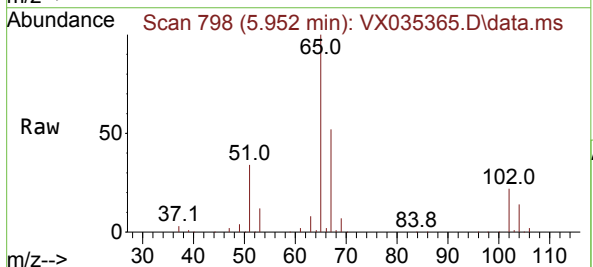
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

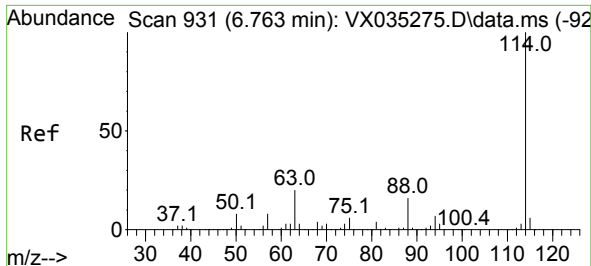
Tgt Ion: 56 Resp: 4626
Ion Ratio Lower Upper
56 100
69 207.9 23.7 35.5#
84 152.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.873 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 65 Resp: 141133
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

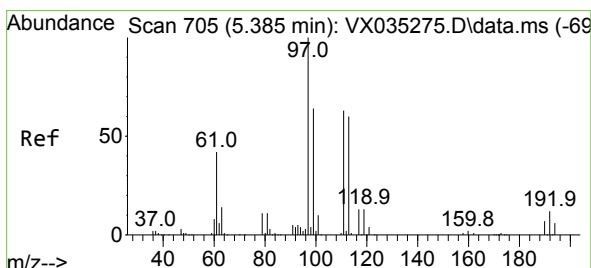
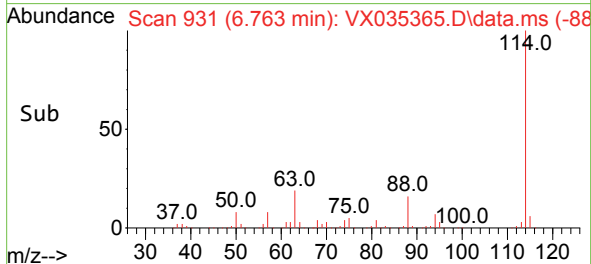
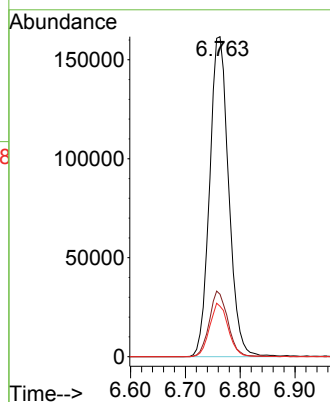
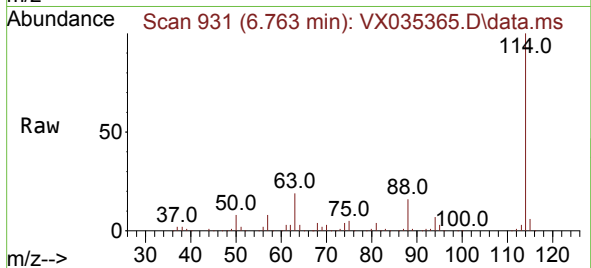




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

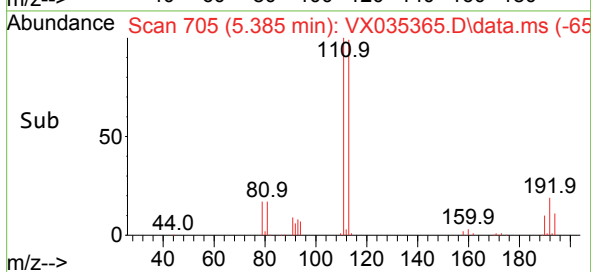
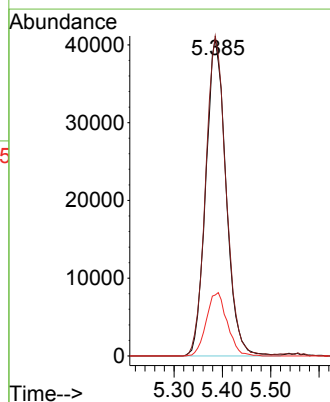
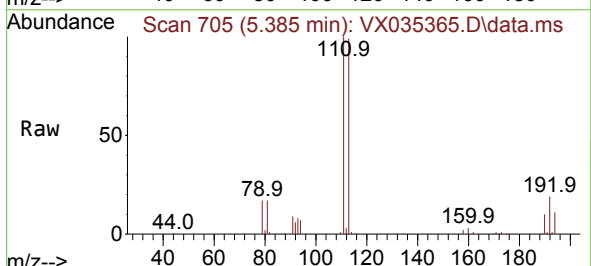
Instrument :
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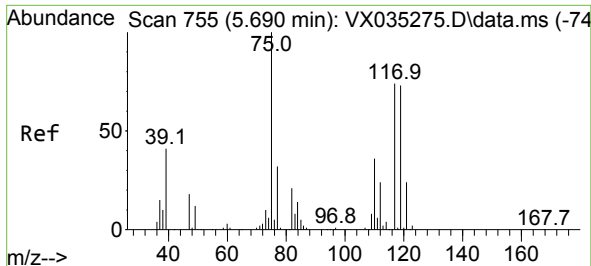
Tgt Ion:114 Resp: 389337
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:113 Resp: 118423
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.6 15.4 23.2

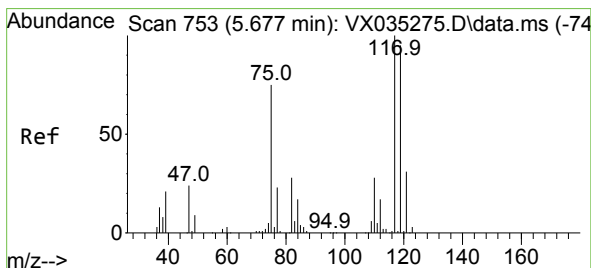
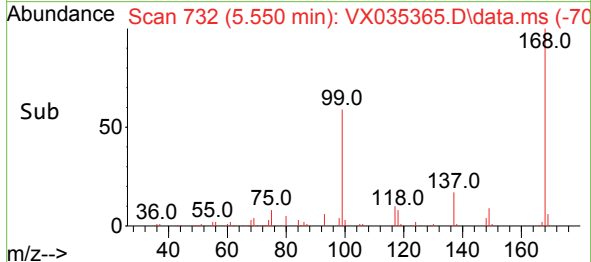
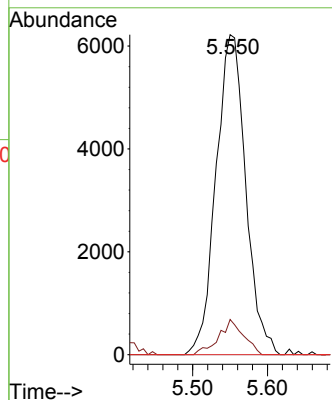
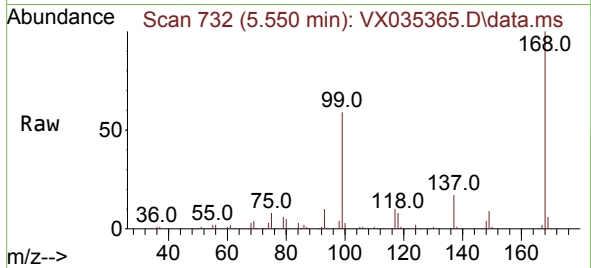




#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

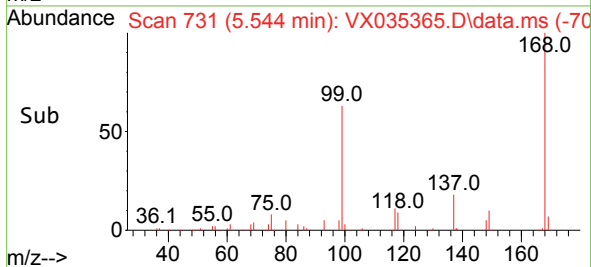
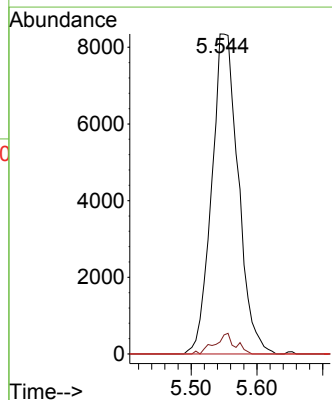
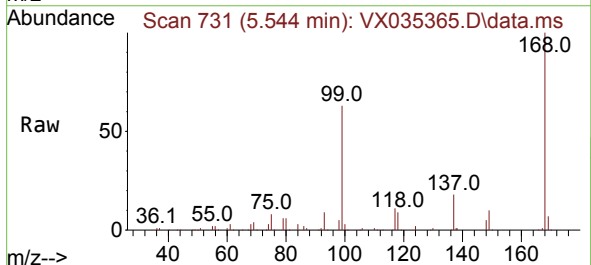
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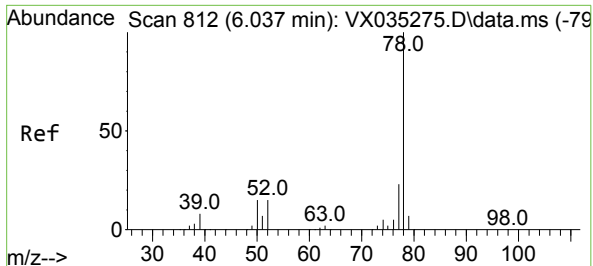
Tgt Ion: 75 Resp: 17202
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 117 Resp: 23461
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#

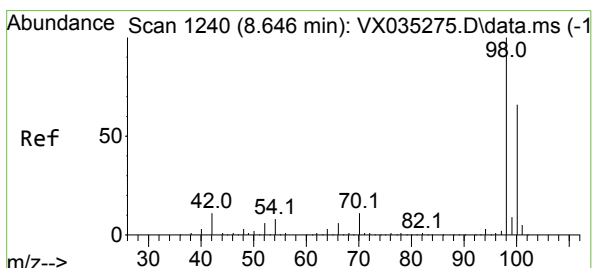
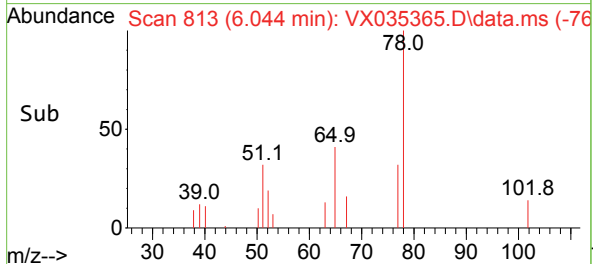
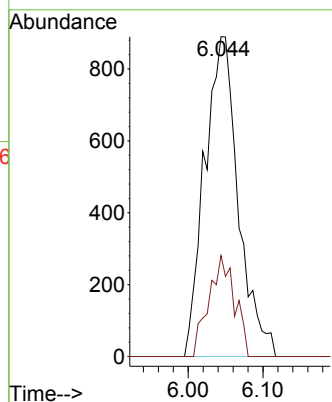
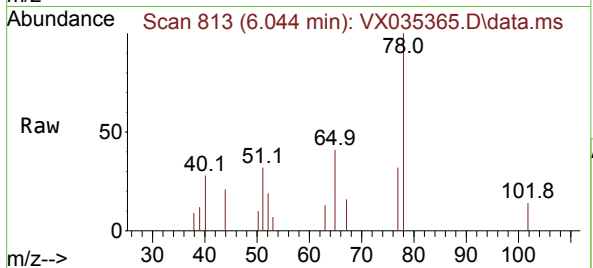




#40
Benzene
Concen: 0.260 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

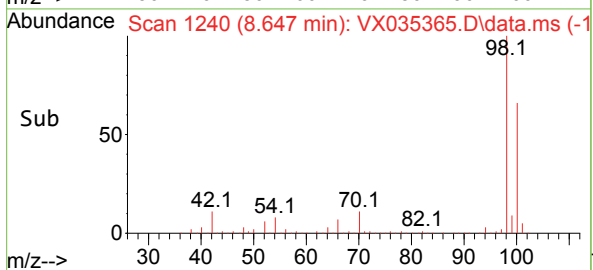
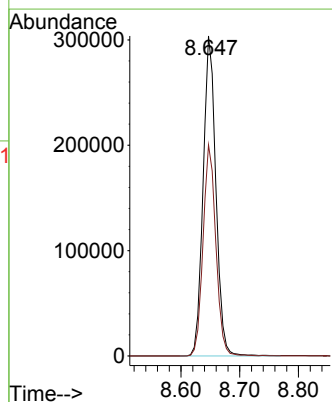
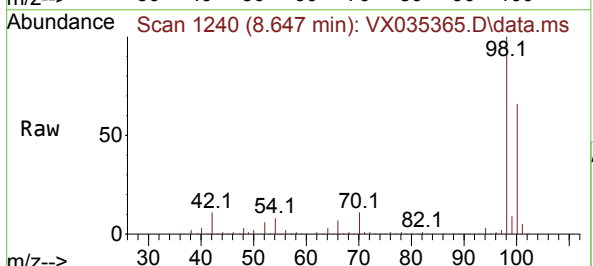
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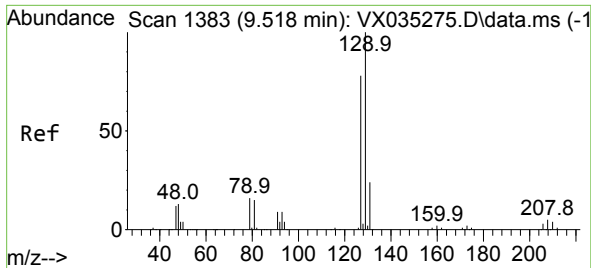
Tgt Ion: 78 Resp: 2785
Ion Ratio Lower Upper
78 100
77 31.6 19.0 28.4#



#50
Toluene-d8
Concen: 50.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 98 Resp: 459114
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

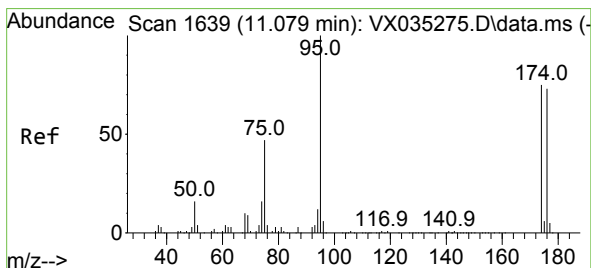
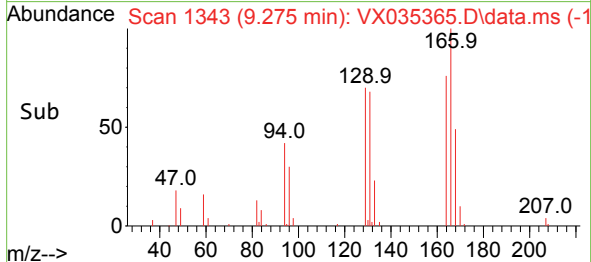
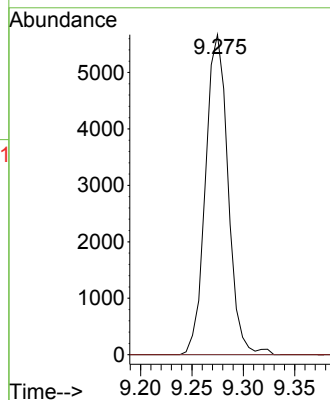
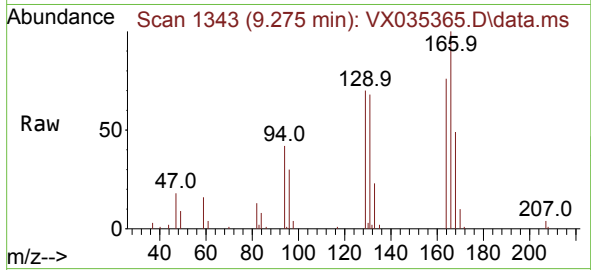




#60
Dibromochloromethane
Concen: 3.336 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

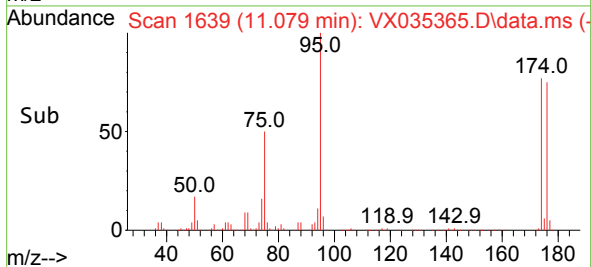
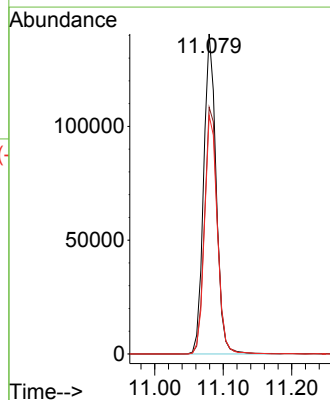
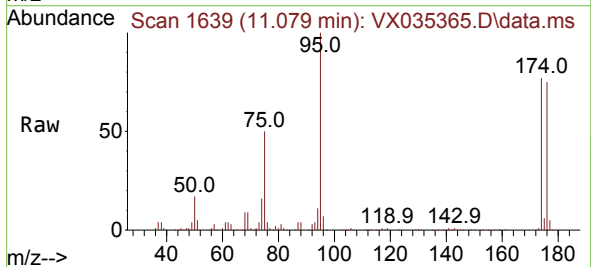
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

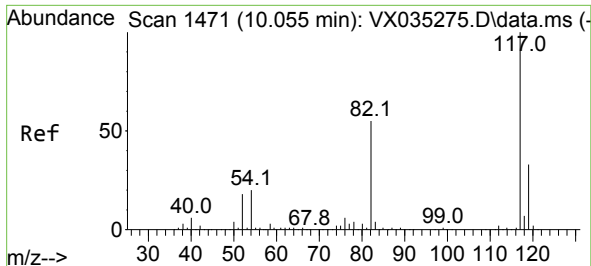
Tgt Ion:129 Resp: 8646
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 95 Resp: 178718
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 76.5 0.0 140.6

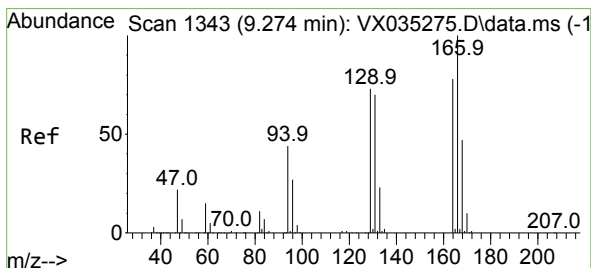
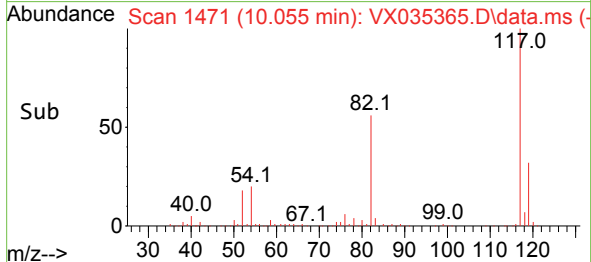
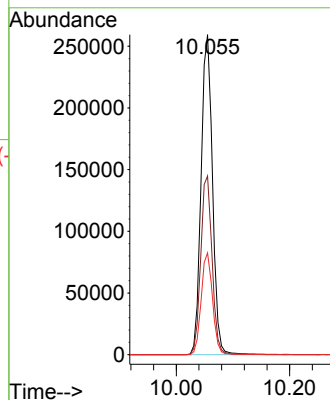
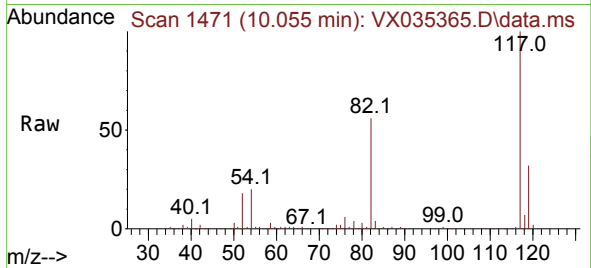




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

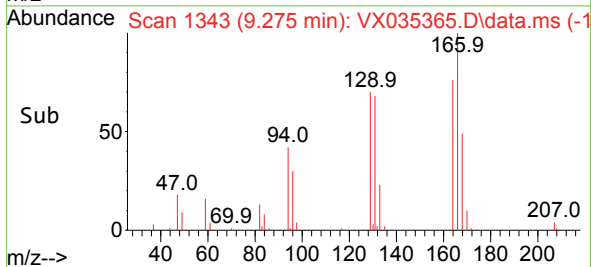
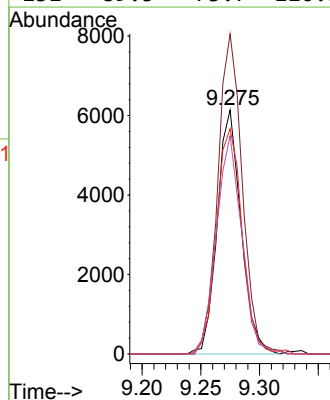
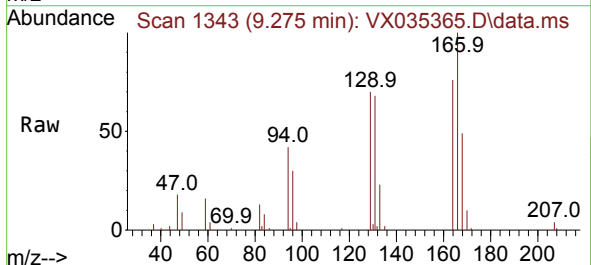
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

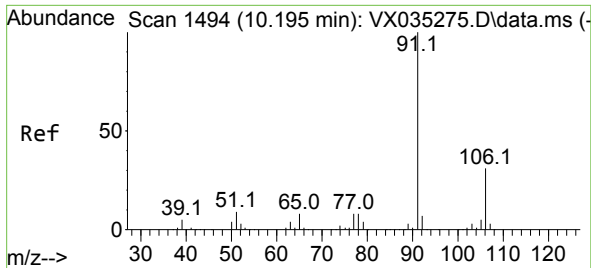
Tgt Ion:117 Resp: 361964
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 3.125 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:164 Resp: 8662
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 92.4 75.6 113.4
131 89.5 73.7 110.5

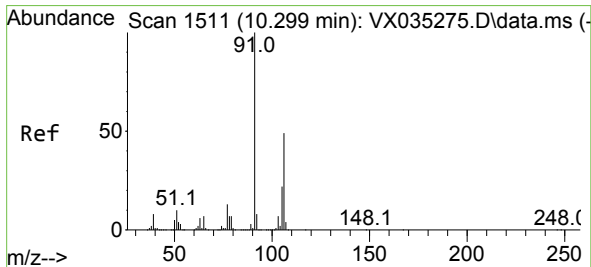
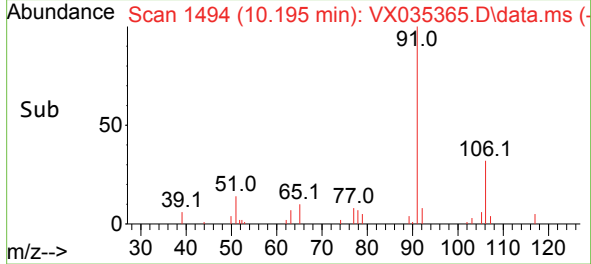
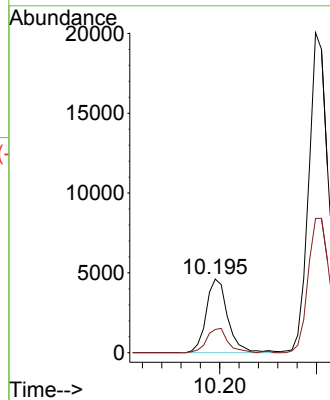
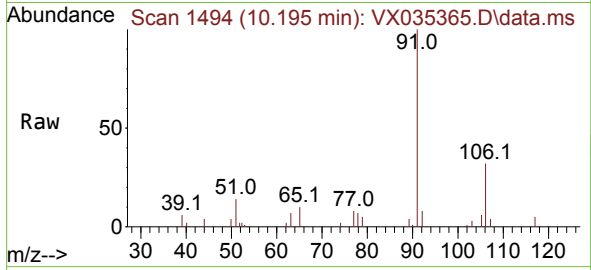




#67
Ethyl Benzene
Concen: 0.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

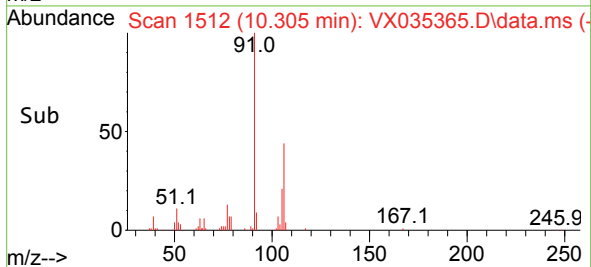
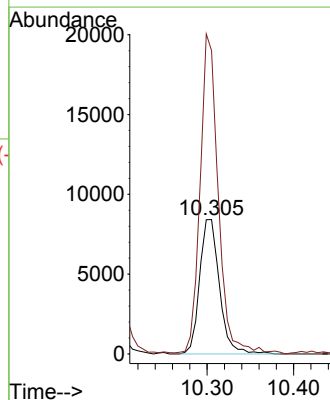
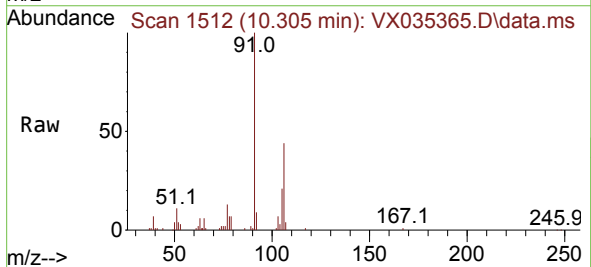
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

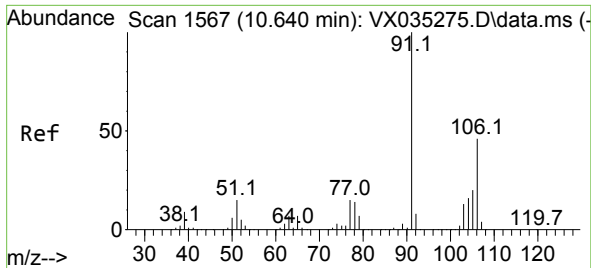
Tgt Ion: 91 Resp: 7186
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 2.576 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 106 Resp: 13388
Ion Ratio Lower Upper
106 100
91 218.6 164.0 246.0

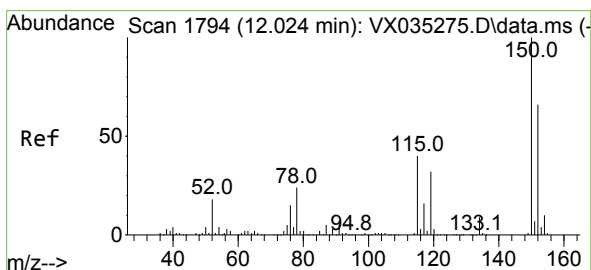
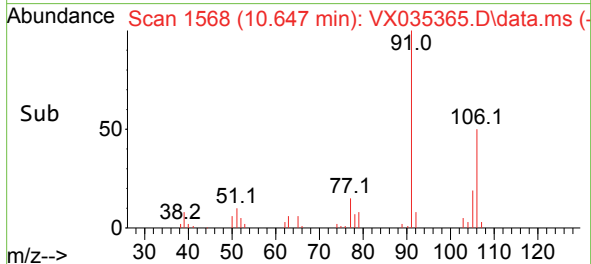
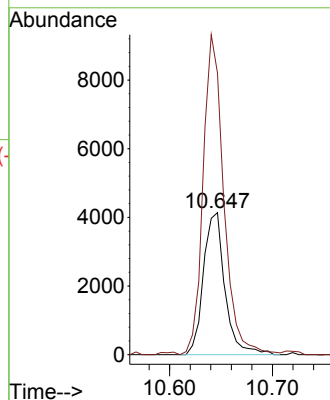
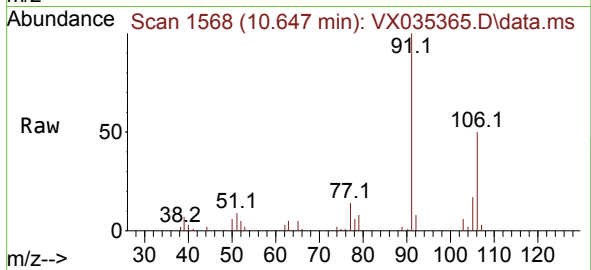




#69
o-Xylene
Concen: 1.180 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

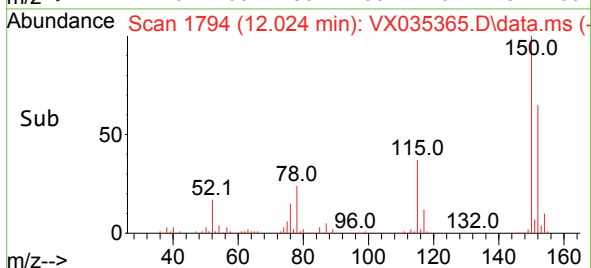
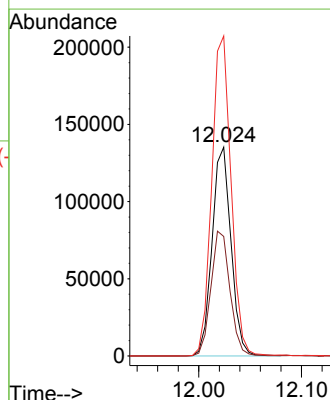
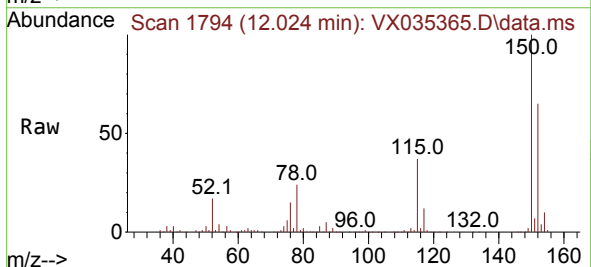
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

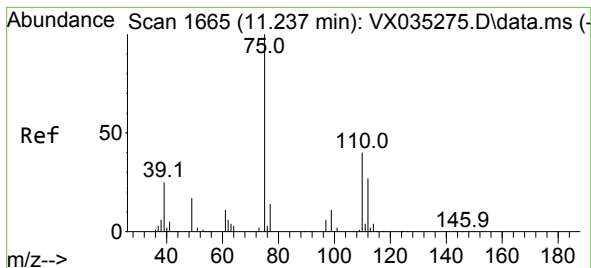
Tgt Ion:106 Resp: 6015
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:152 Resp: 173251
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 155.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.786 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX035365.D

Acq: 28 Apr 2023 04:59

Instrument :

MSVOA_X

ClientSampleId :

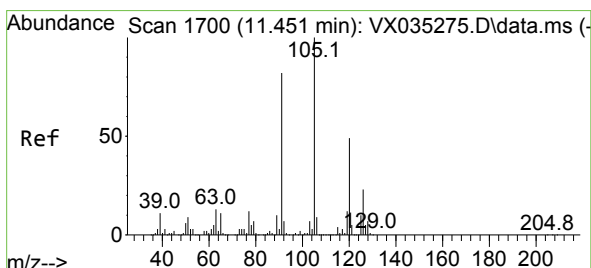
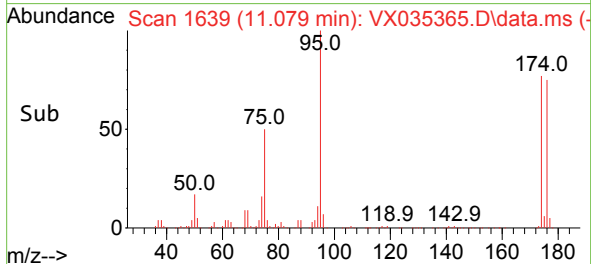
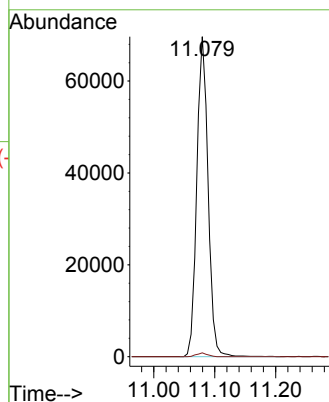
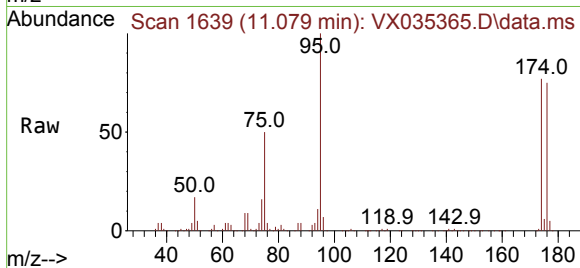
MW-10D

Tgt Ion: 75 Resp: 89115

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.387 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035365.D

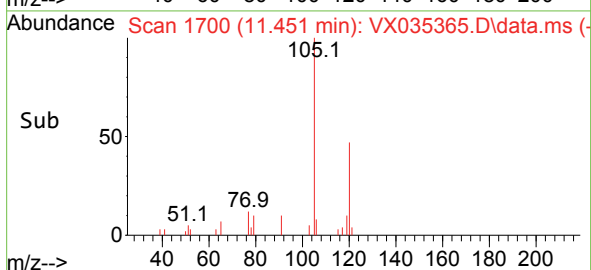
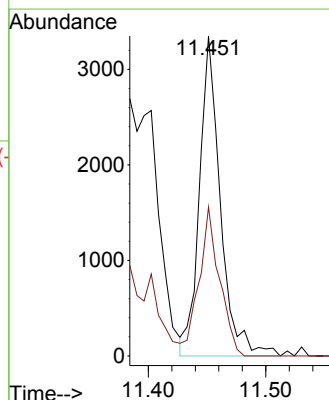
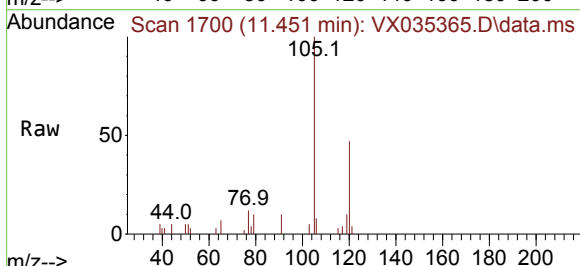
Acq: 28 Apr 2023 04:59

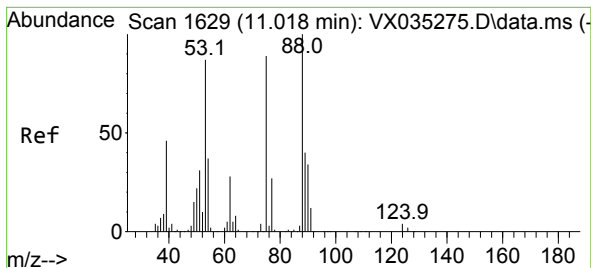
Tgt Ion: 105 Resp: 4130

Ion Ratio Lower Upper

105 100

120 45.8 23.7 71.1

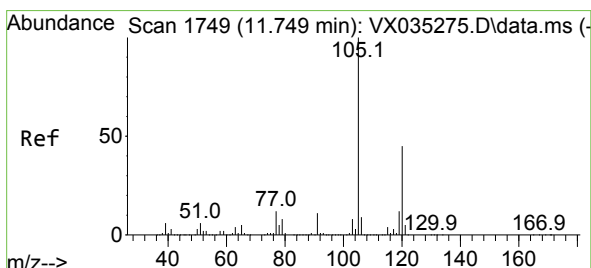
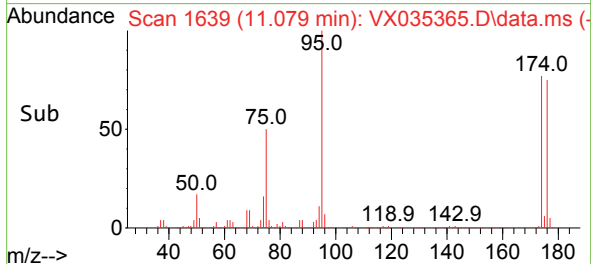
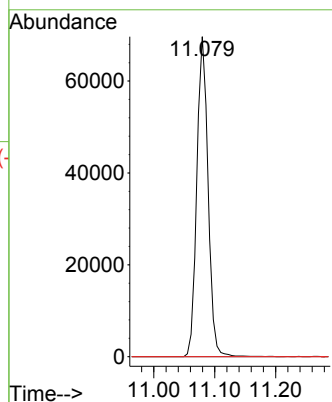
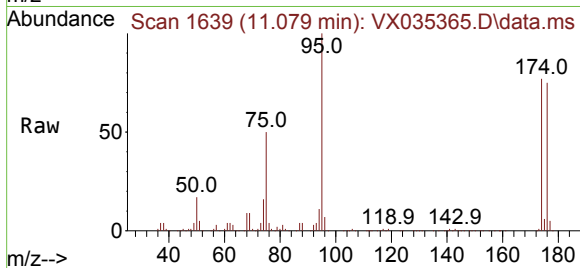




#81
trans-1,4-Dichloro-2-butene
Concen: 83.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

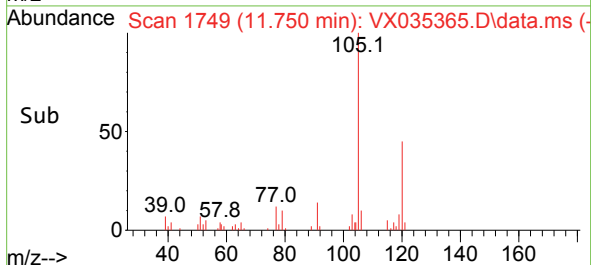
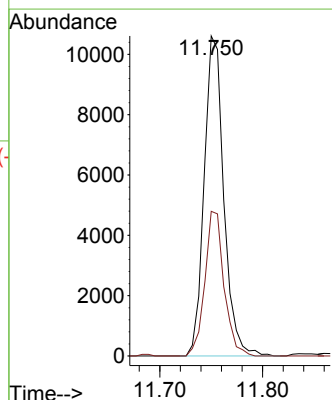
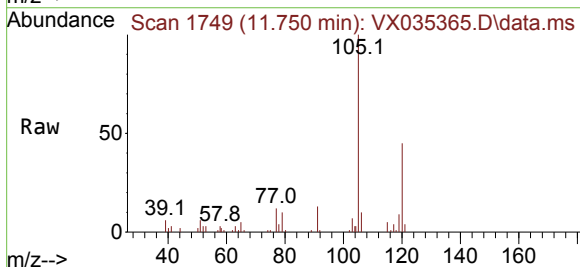
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

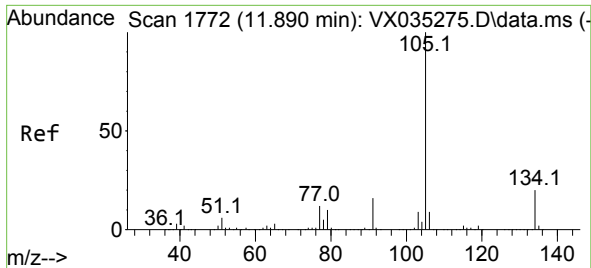
Tgt Ion: 75 Resp: 89115
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.314 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 105 Resp: 14104
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0

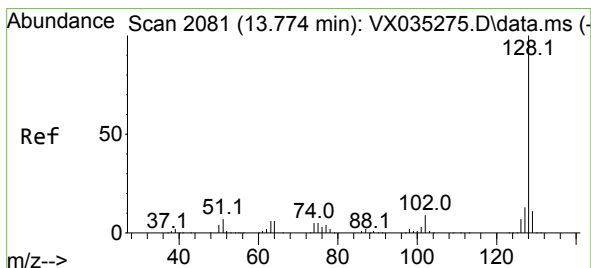
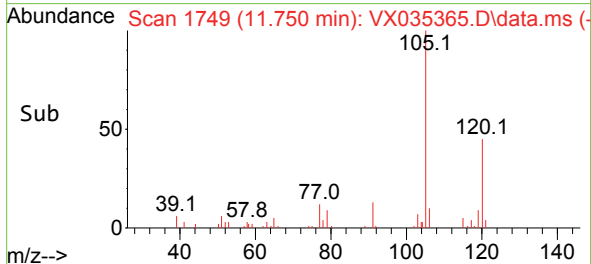
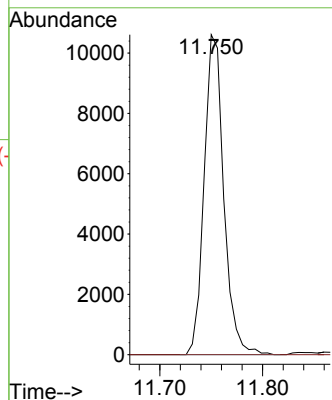
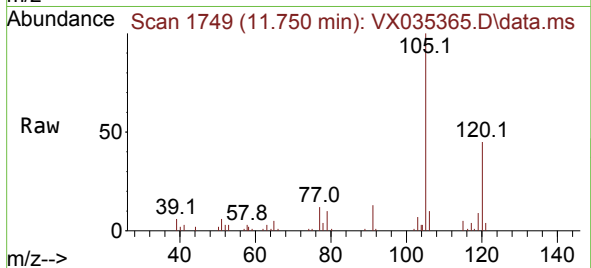




#85
sec-Butylbenzene
Concen: 1.073 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:105 Resp: 14104
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#95
Naphthalene
Concen: 4.603 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:128 Resp: 53292
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.5 8.6 13.0

