

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040359.D
 Acq On : 20 Feb 2024 16:10
 Operator : JC/MD
 Sample : P1521-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-17-CH2

Quant Time: Feb 21 01:15:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

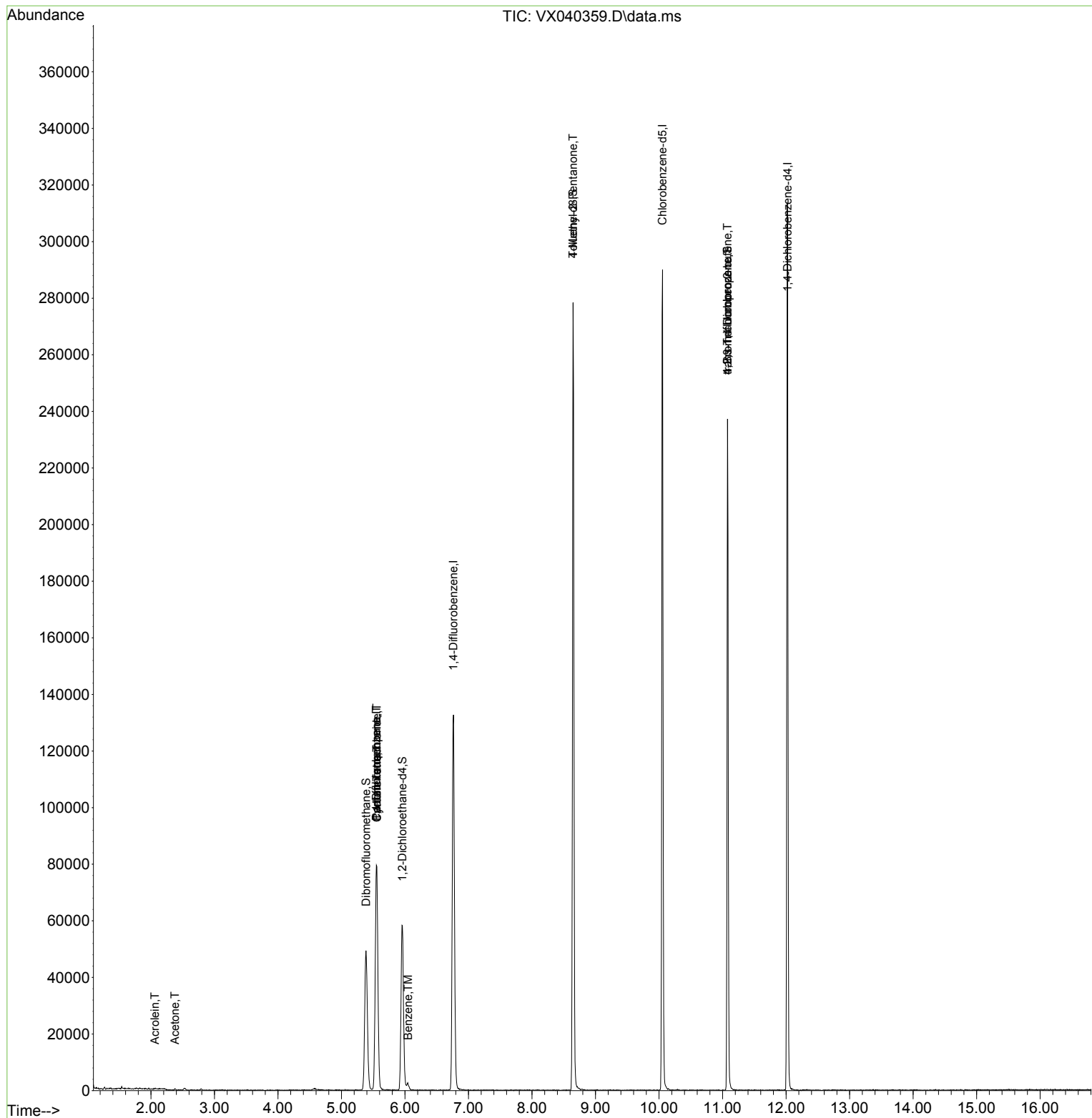
Internal Standards						
1) Pentafluorobenzene	5.550	168	72265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57651	53.624	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.240%		
35) Dibromofluoromethane	5.385	113	43020	47.084	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.160%		
50) Toluene-d8	8.647	98	159141	46.562	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.120%		
62) 4-Bromofluorobenzene	11.079	95	61193	43.900	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.800%		
Target Compounds						
					Qvalue	
13) Acrolein	2.062	56	50	0.259	ug/l #	14
16) Acetone	2.379	43	393	0.890	ug/l #	87
20) Methylene Chloride	2.794	84	84	Below Cal	#	40
31) Cyclohexane	5.556	56	2022	1.577	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	6516	5.091	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7635	6.274	ug/l #	16
40) Benzene	6.050	78	2349	0.656	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	845	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34307	27.533	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34307	75.376	ug/l #	5

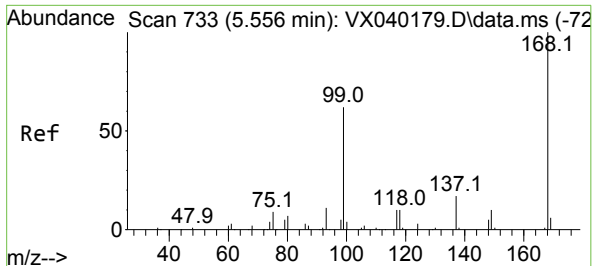
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

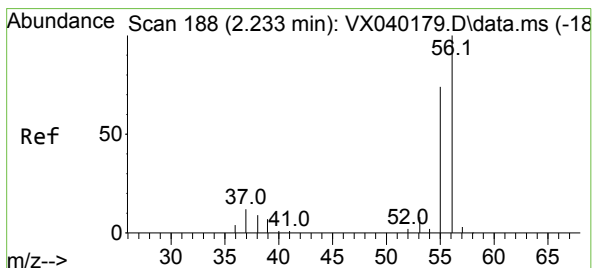
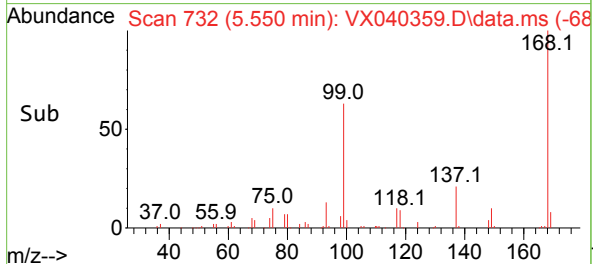
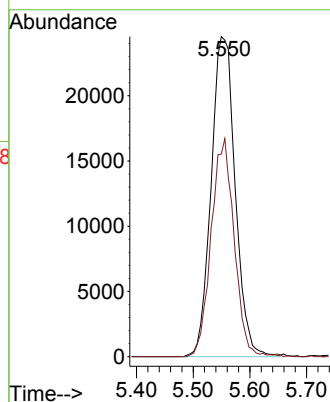
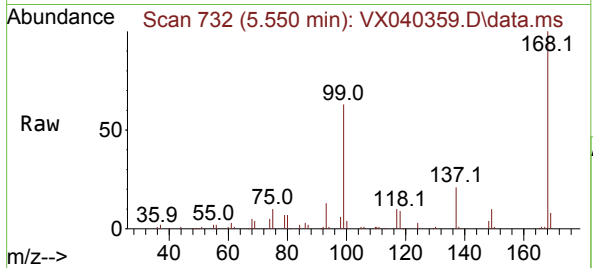




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

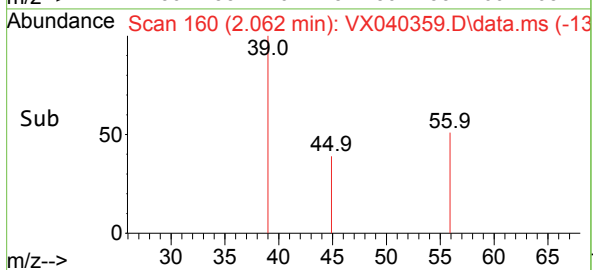
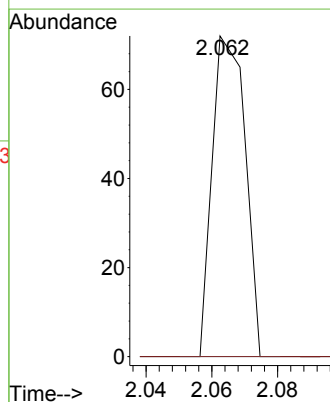
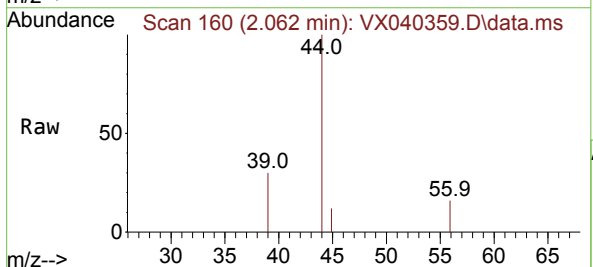
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

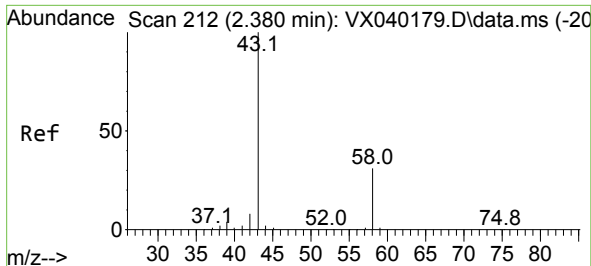
Tgt Ion:168 Resp: 72265
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#13
Acrolein
Concen: 0.259 ug/l
RT: 2.062 min Scan# 160
Delta R.T. -0.171 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

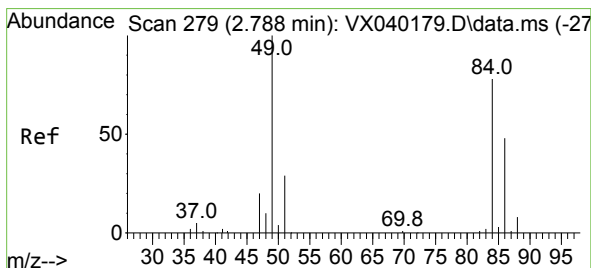
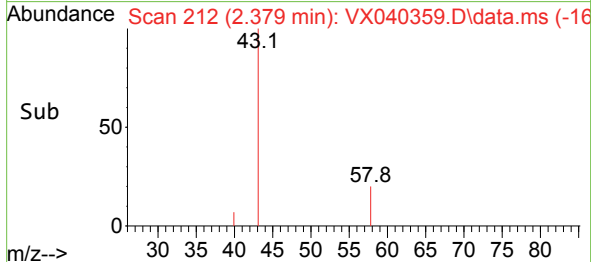
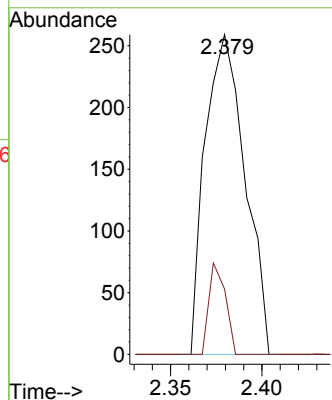
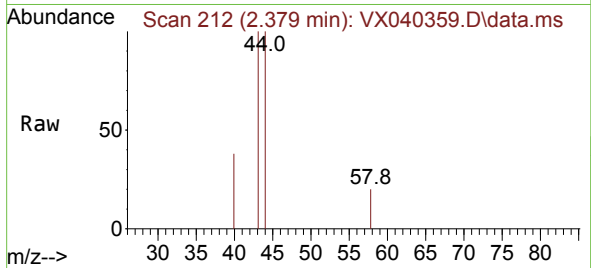




#16
Acetone
Concen: 0.890 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

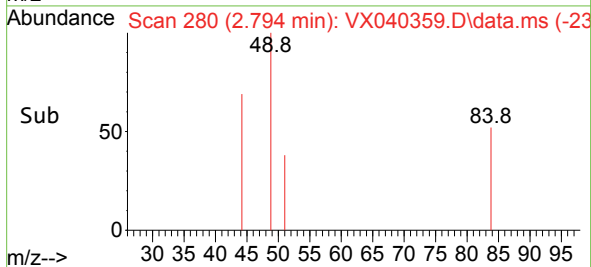
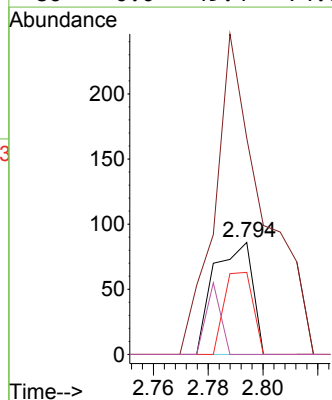
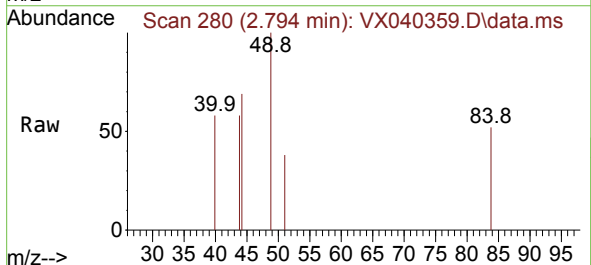
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

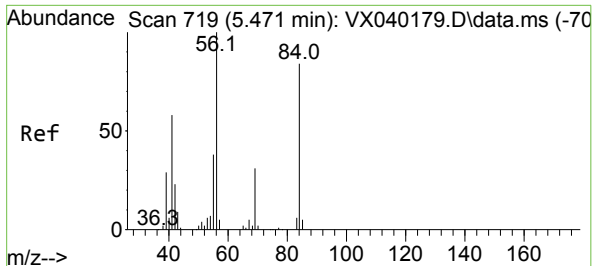
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 20.5 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

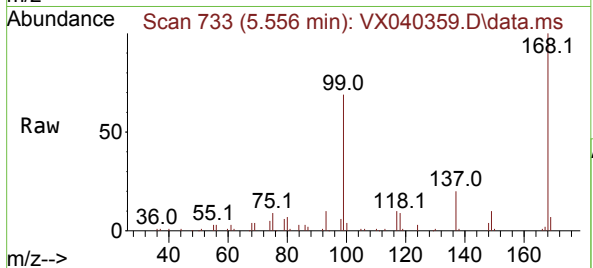
Tgt Ion: 84 Resp: 84
Ion Ratio Lower Upper
84 100
49 193.0 103.6 155.4#
51 73.3 33.8 50.6#
86 0.0 49.4 74.0#



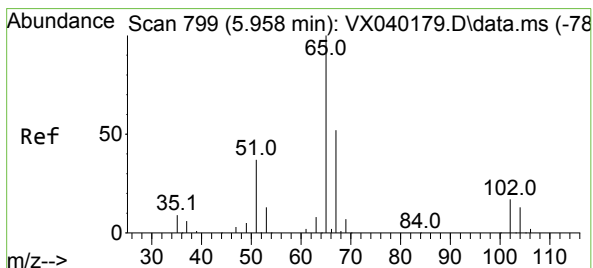
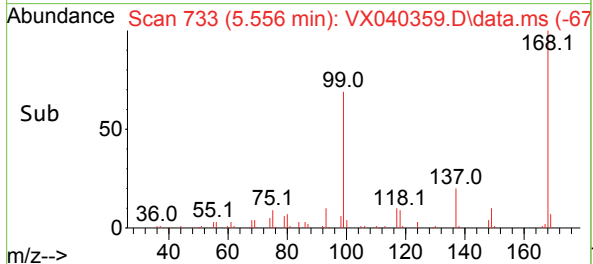
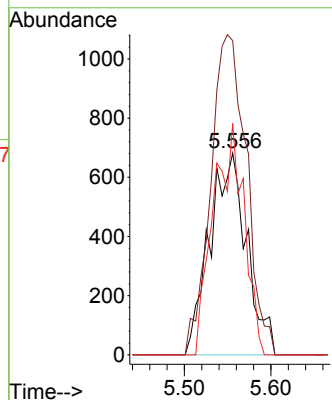


#31
Cyclohexane
Concen: 1.577 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

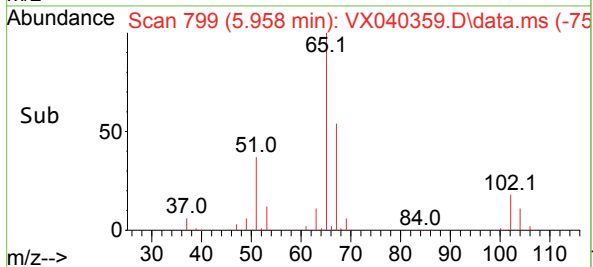
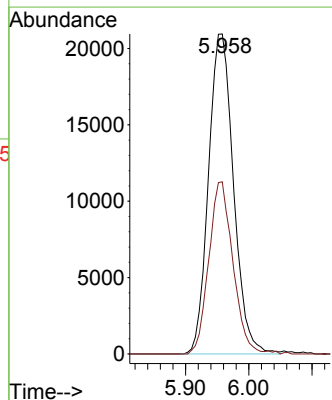
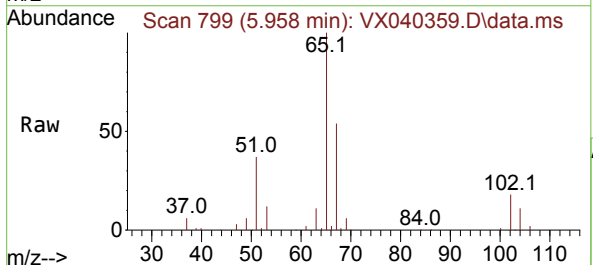


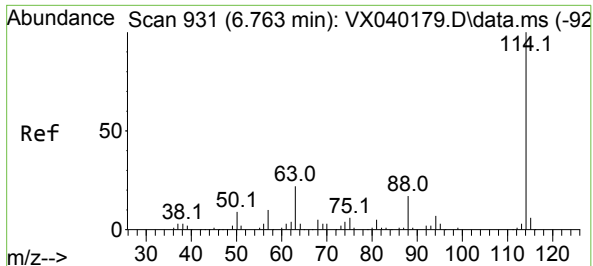
Tgt Ion: 56 Resp: 2022
Ion Ratio Lower Upper
56 100
69 155.7 23.4 35.2#
84 114.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.624 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion: 65 Resp: 57651
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

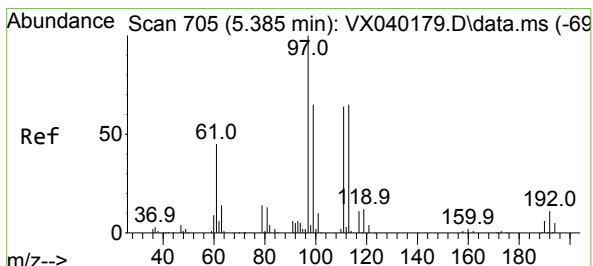
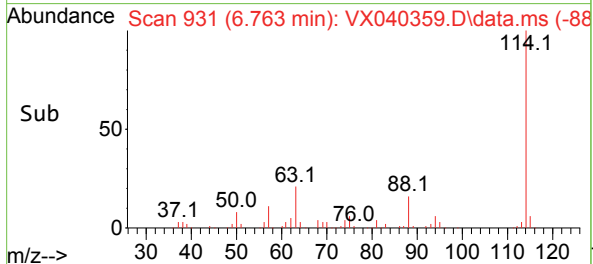
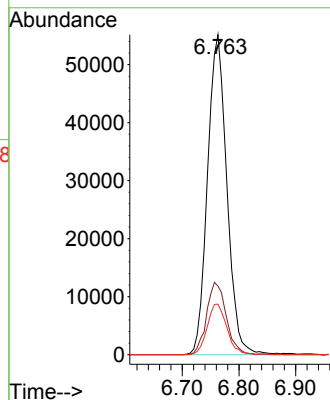
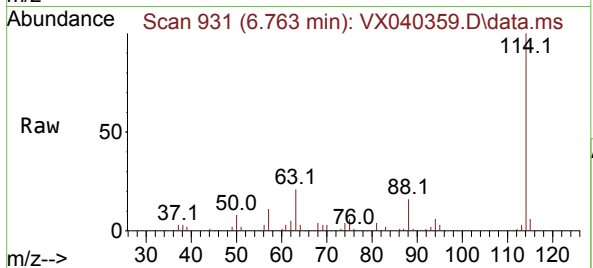




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

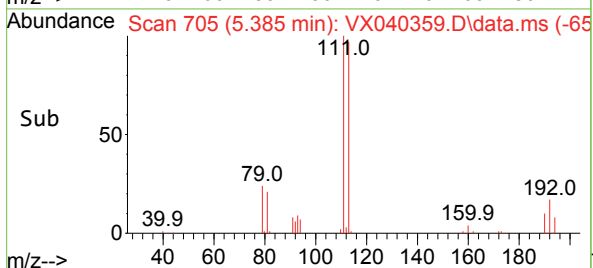
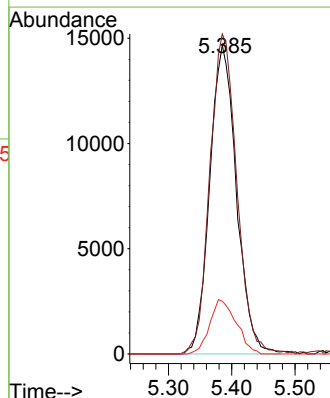
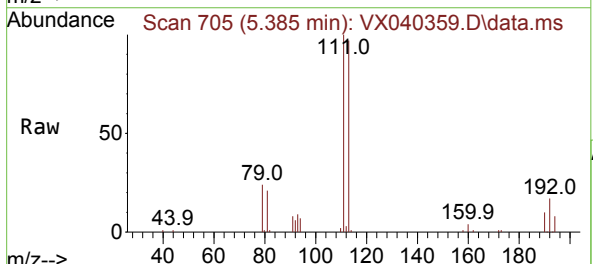
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

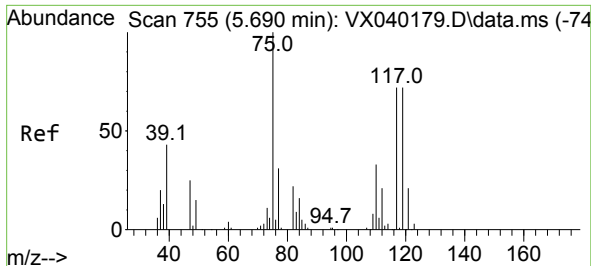
Tgt Ion:114 Resp: 130835
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion:113 Resp: 43020
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 17.5 13.3 19.9

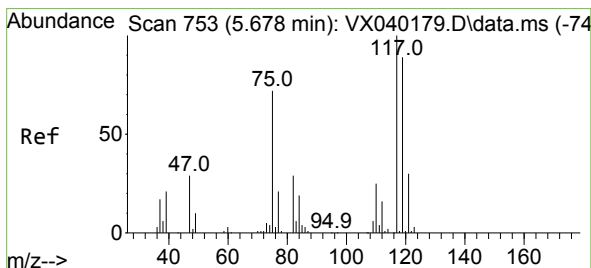
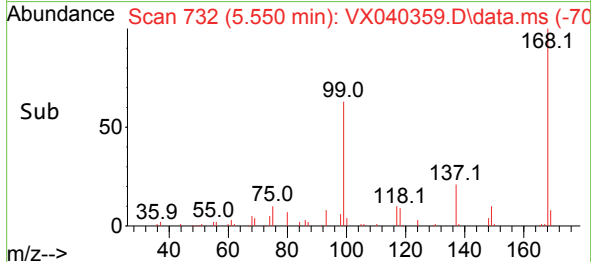
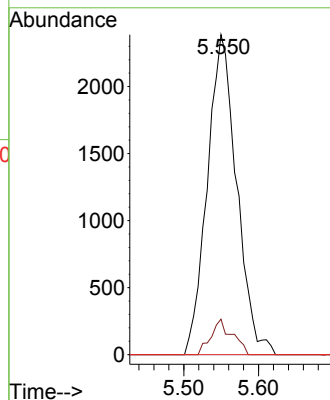
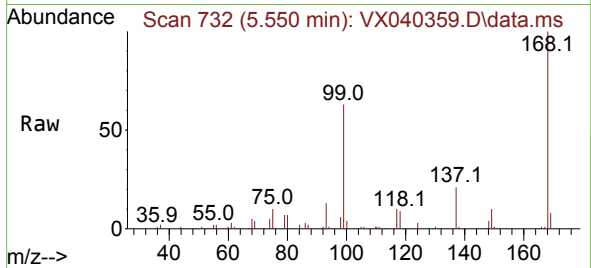




#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

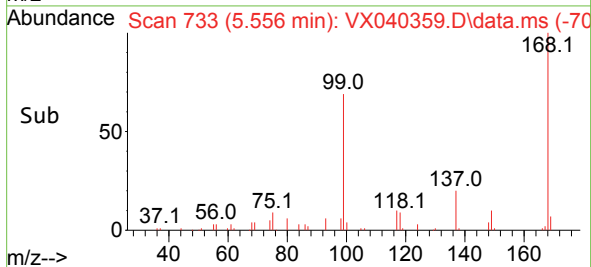
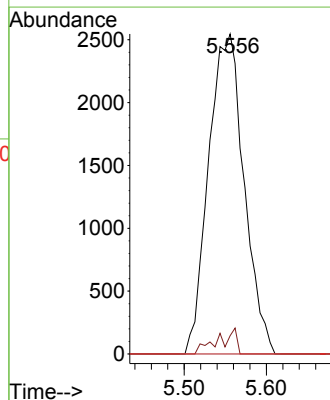
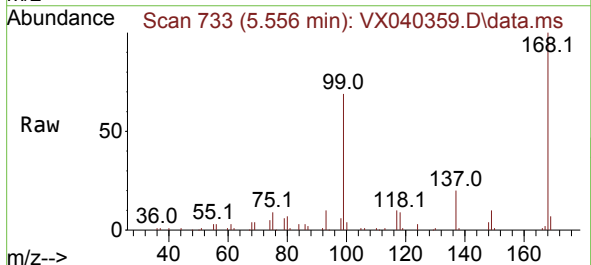
Instrument :
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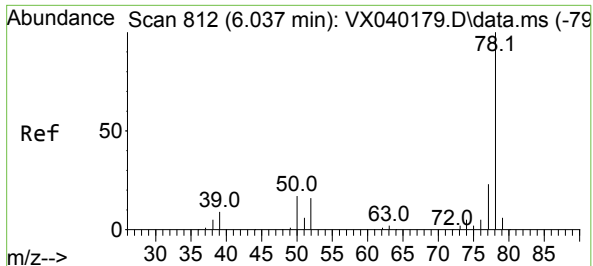
Tgt Ion: 75 Resp: 6516
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion: 117 Resp: 7635
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

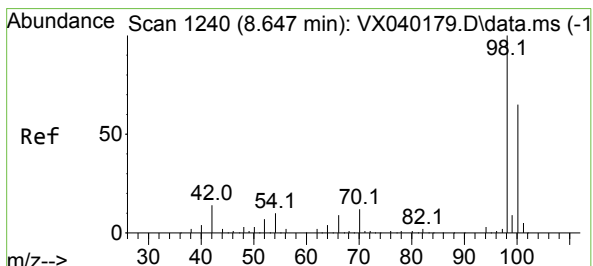
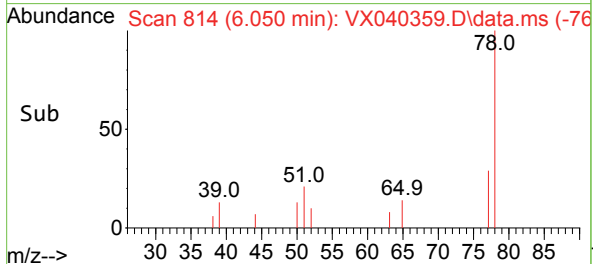
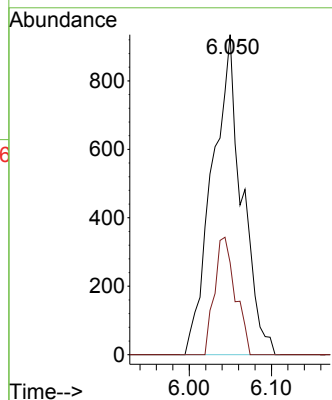
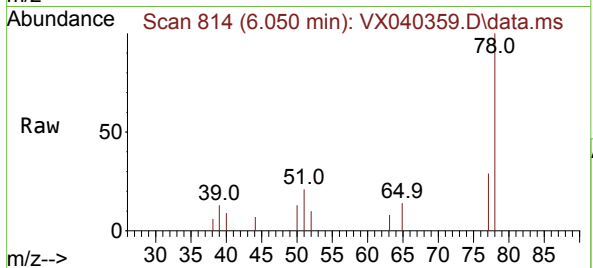




#40
Benzene
Concen: 0.656 ug/l
RT: 6.050 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

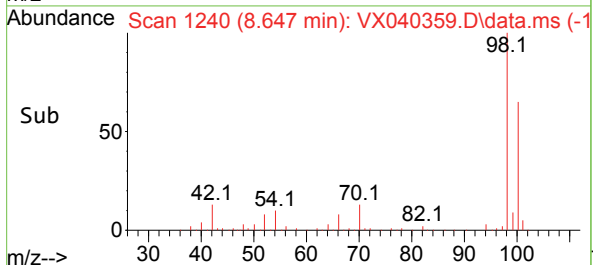
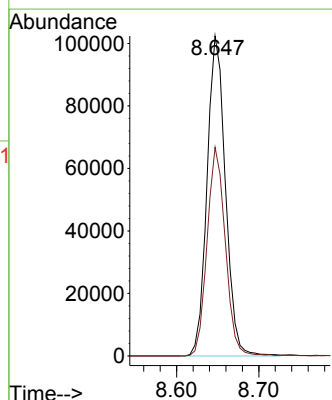
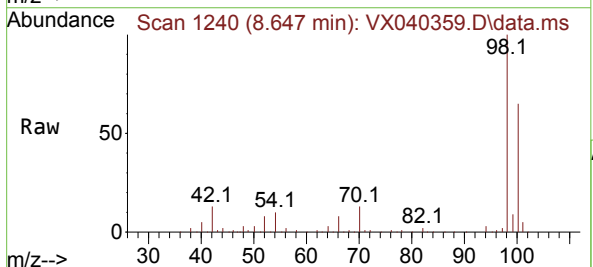
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CG-MW-17-CH2

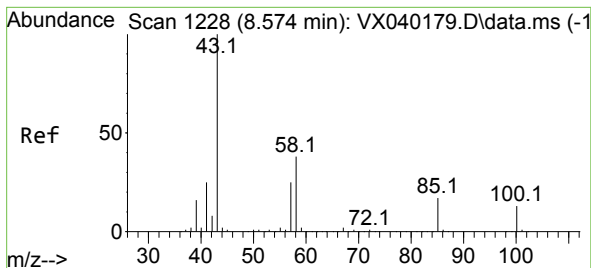
Tgt Ion: 78 Resp: 2349
Ion Ratio Lower Upper
78 100
77 28.8 19.3 28.9



#50
Toluene-d8
Concen: 46.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion: 98 Resp: 159141
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX040359.D

Acq: 20 Feb 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

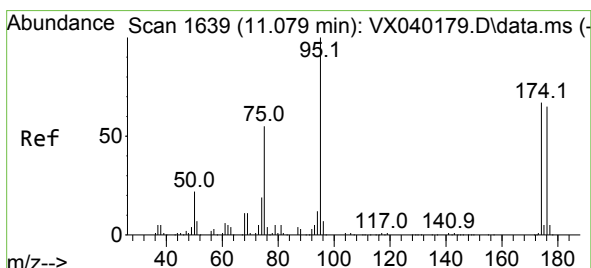
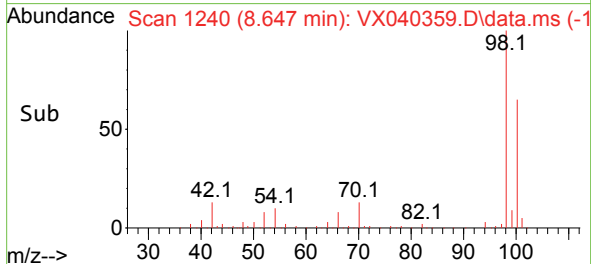
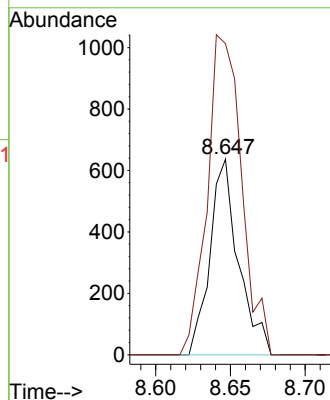
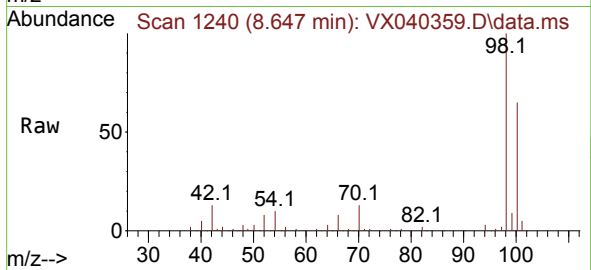
CG-MW-17-CH2

Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

58 197.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 43.900 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040359.D

Acq: 20 Feb 2024 16:10

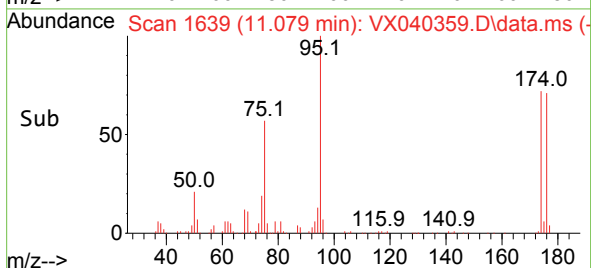
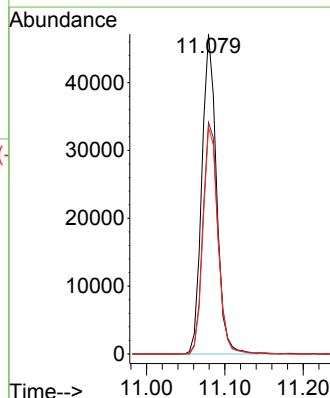
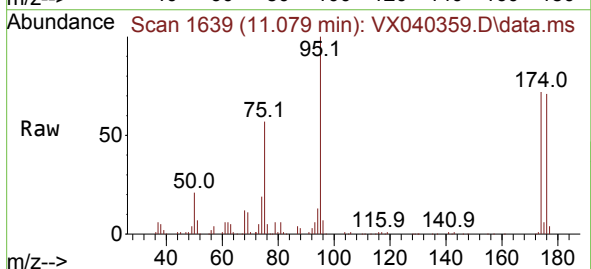
Tgt Ion: 95 Resp: 61193

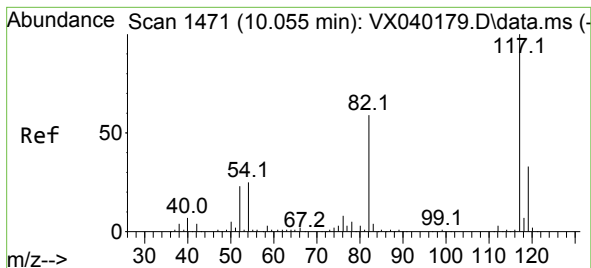
Ion Ratio Lower Upper

95 100

174 74.8 0.0 135.6

176 72.1 0.0 131.0

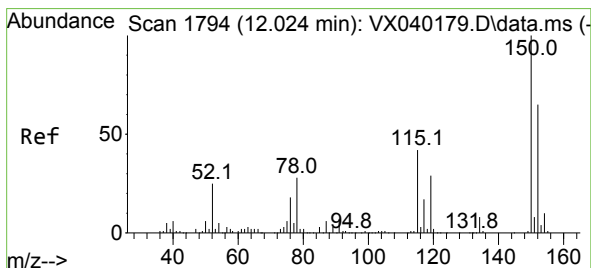
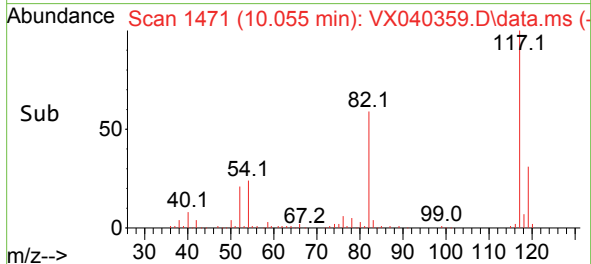
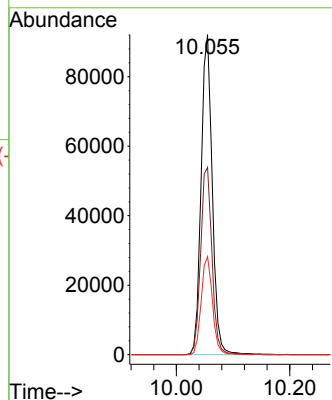
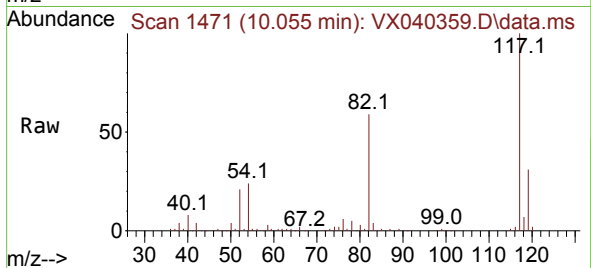




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

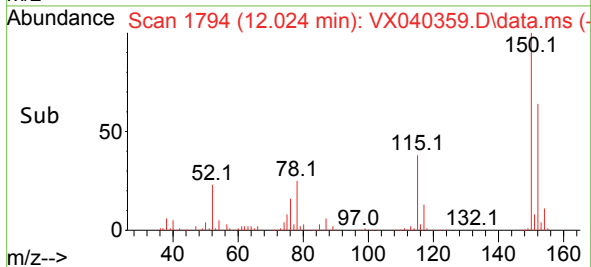
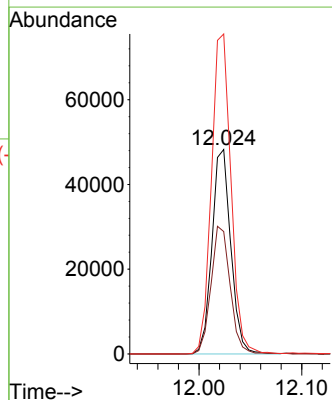
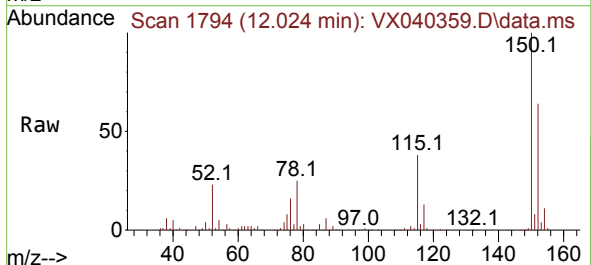
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

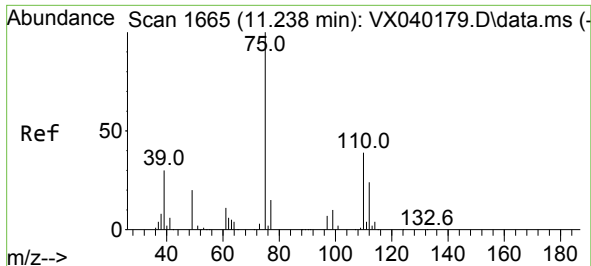
Tgt Ion:117 Resp: 125789
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion:152 Resp: 61532
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 161.6 0.0 345.0

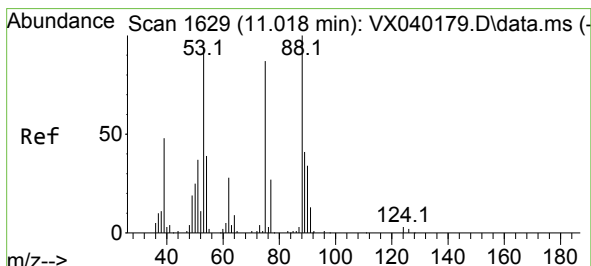
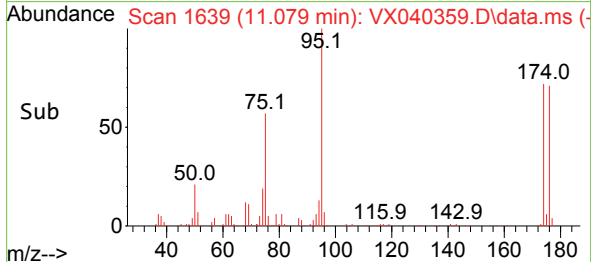
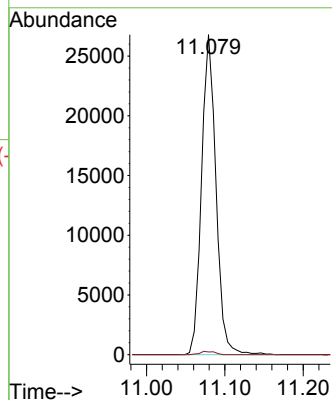
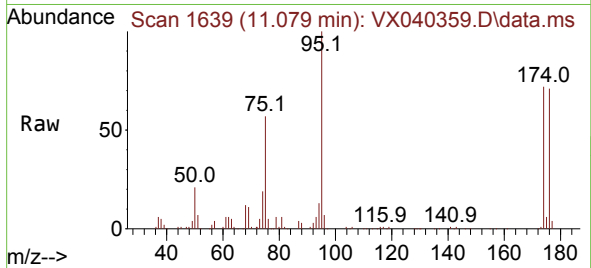




#76
1,2,3-Trichloropropane
Concen: 27.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

Tgt Ion: 75 Resp: 34307
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040359.D
Acq: 20 Feb 2024 16:10

Tgt Ion: 75 Resp: 34307
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

