

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040358.D
 Acq On : 20 Feb 2024 15:47
 Operator : JC/MD
 Sample : P1521-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-23-Q

Quant Time: Feb 21 01:15:12 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)

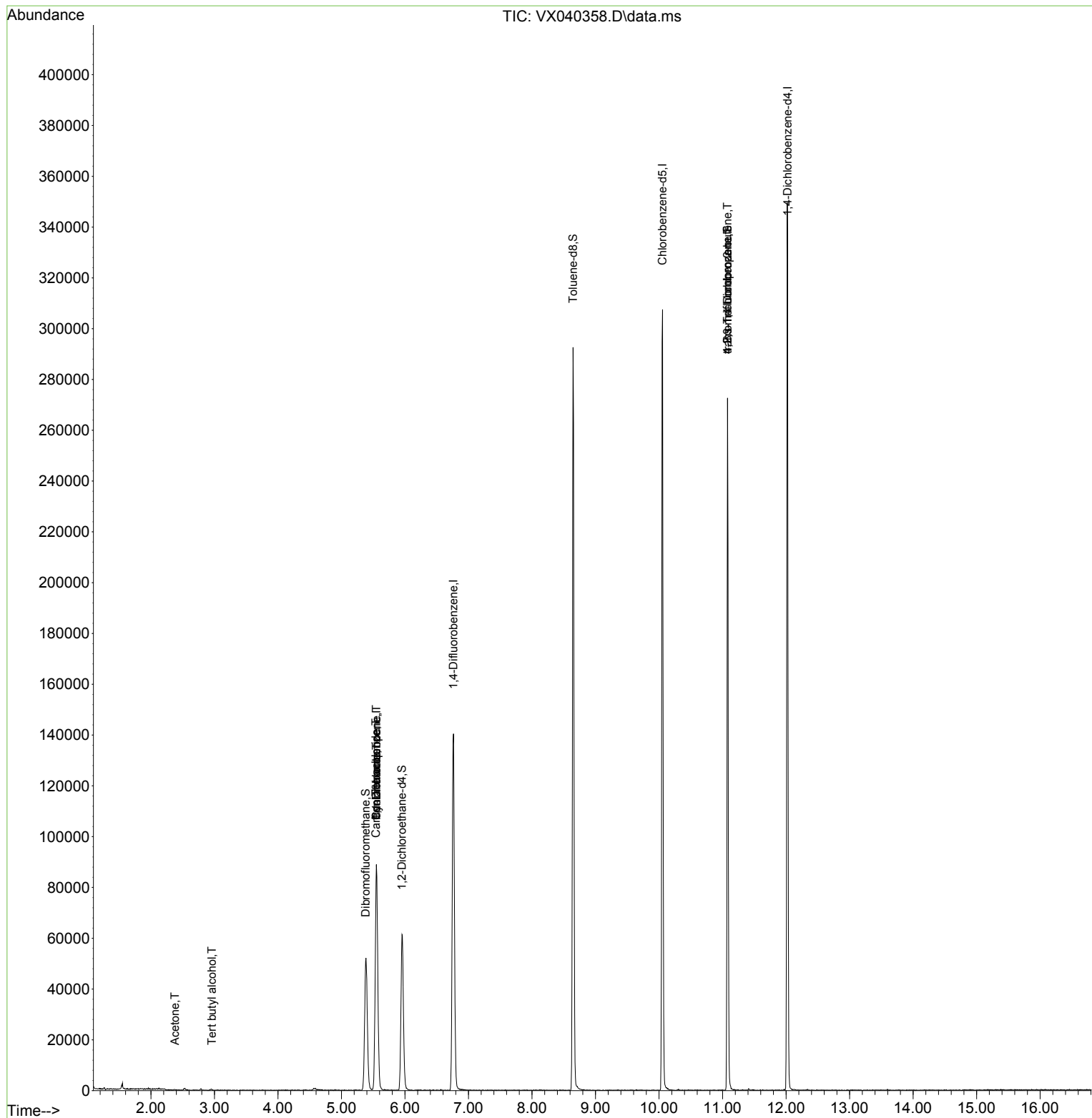
Internal Standards						
1) Pentafluorobenzene	5.550	168	78482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59830	51.243	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.480%	
35) Dibromofluoromethane	5.379	113	46045	47.319	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.640%	
50) Toluene-d8	8.647	98	169503	46.567	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.140%	
62) 4-Bromofluorobenzene	11.079	95	67472	45.450	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	262	1.152	ug/l #	78
16) Acetone	2.380	43	300	0.626	ug/l	96
20) Methylene Chloride	2.788	84	234	Below Cal	#	69
31) Cyclohexane	5.550	56	2077	1.491	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	7396	5.426	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8557	6.602	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	38567	27.493	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38567	75.273	ug/l #	5

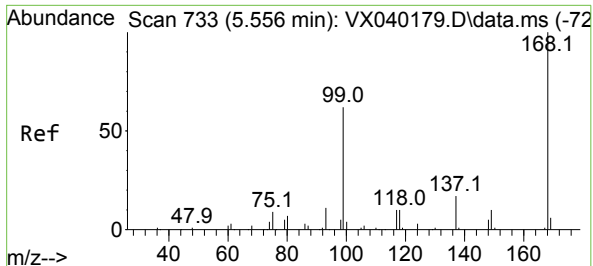
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

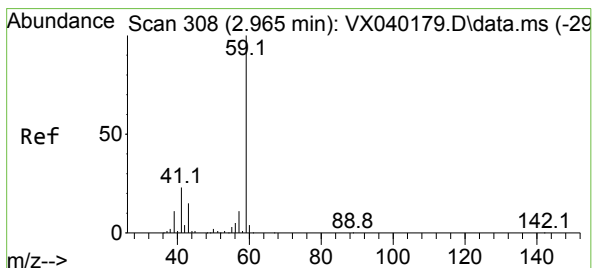
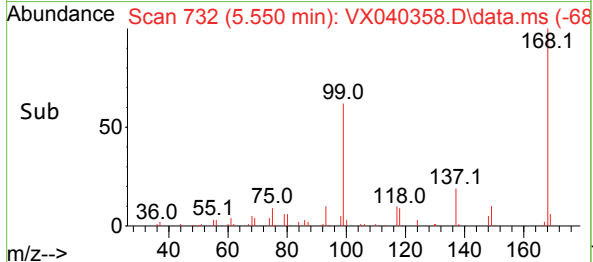
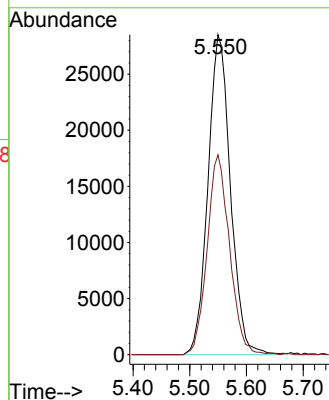
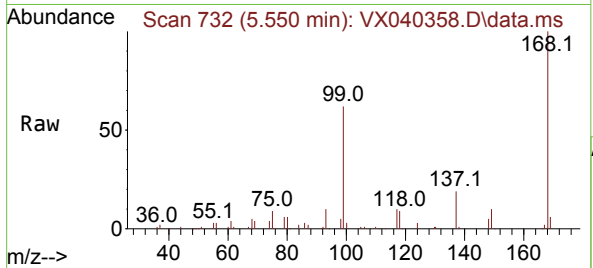




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

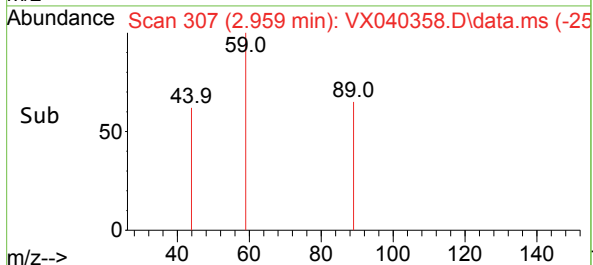
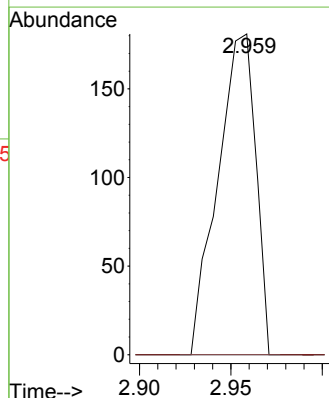
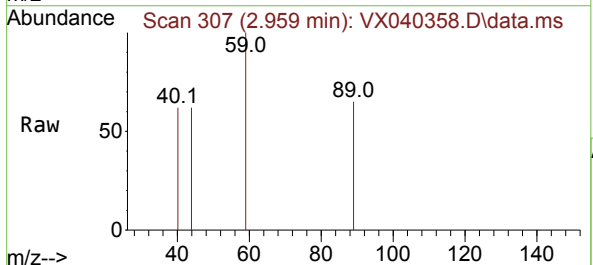
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

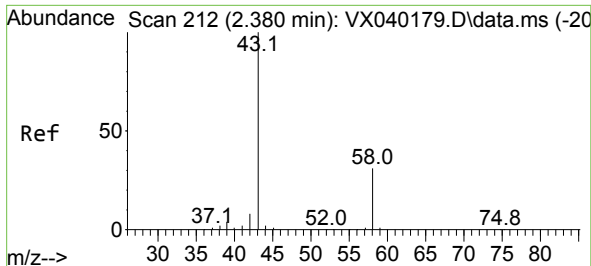
Tgt Ion:168 Resp: 78482
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.152 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

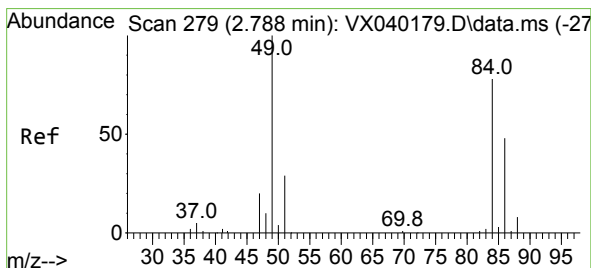
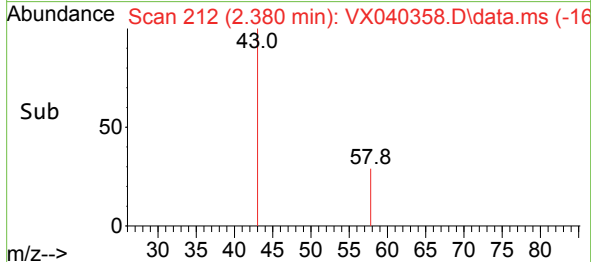
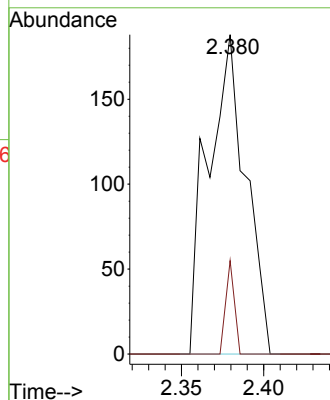
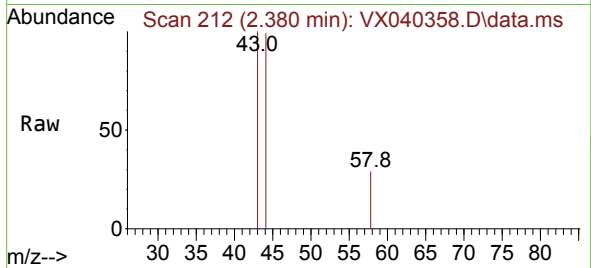




#16
Acetone
Concen: 0.626 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

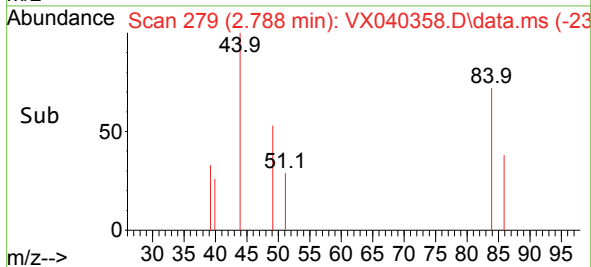
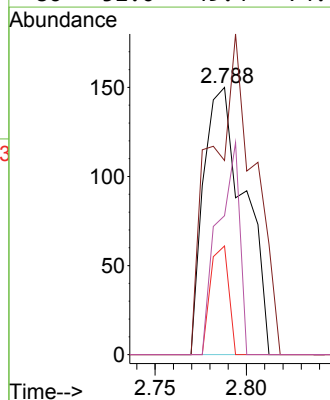
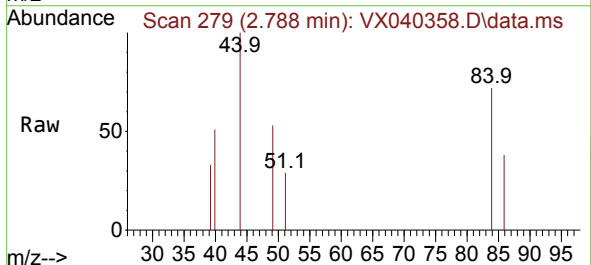
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

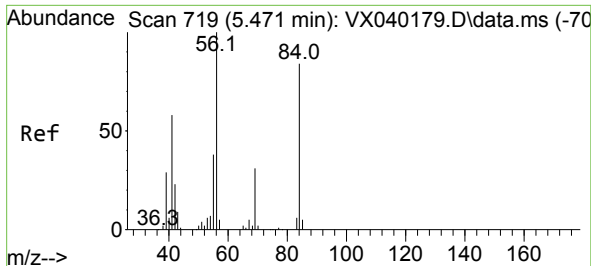
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

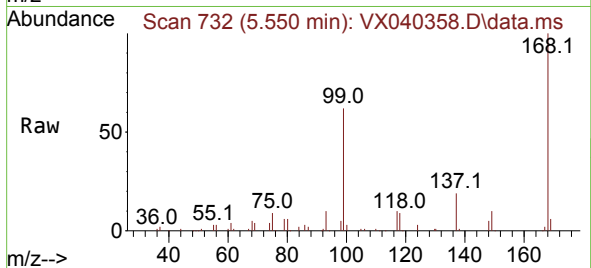
Tgt Ion: 84 Resp: 234
Ion Ratio Lower Upper
84 100
49 72.7 103.6 155.4#
51 40.7 33.8 50.6
86 52.0 49.4 74.0



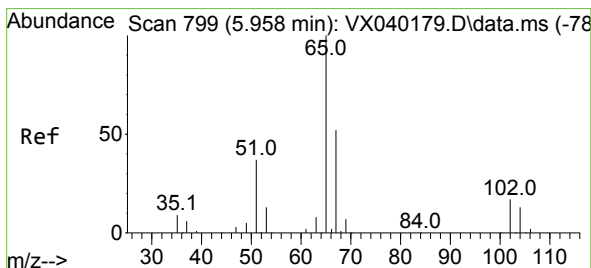
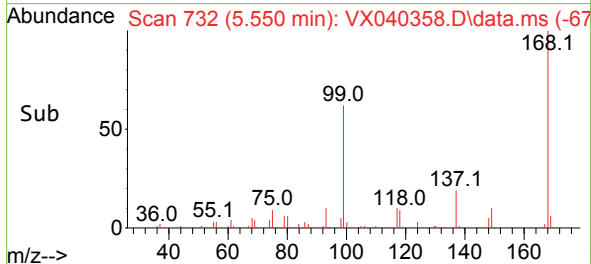
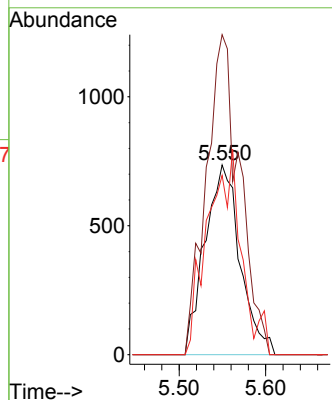


#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

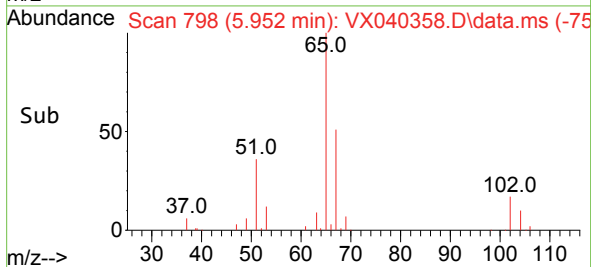
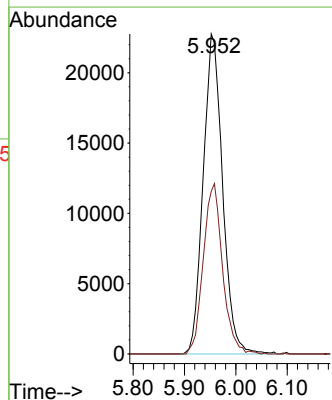
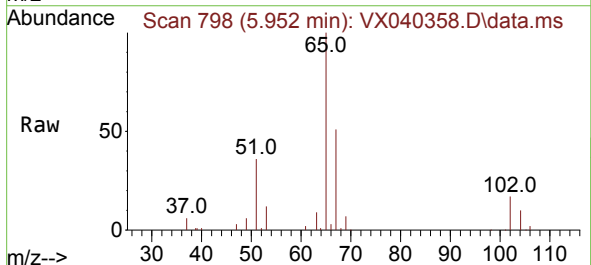


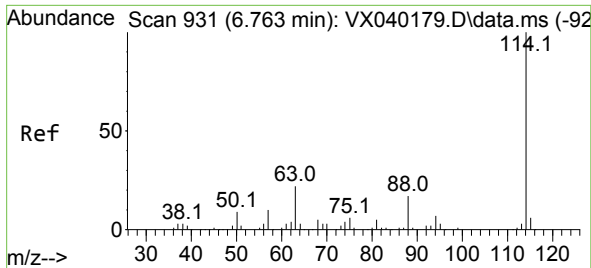
Tgt Ion: 56 Resp: 2077
Ion Ratio Lower Upper
56 100
69 168.6 23.4 35.2#
84 94.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.243 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Tgt Ion: 65 Resp: 59830
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

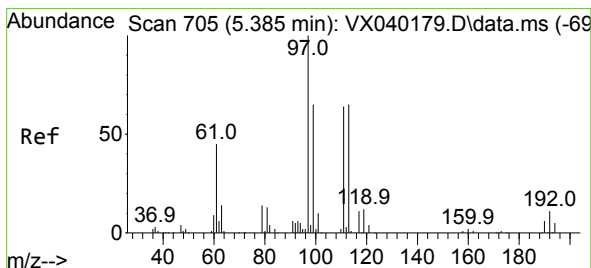
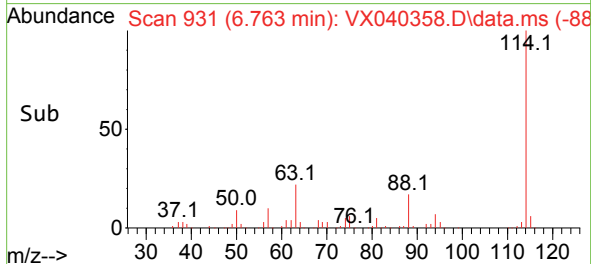
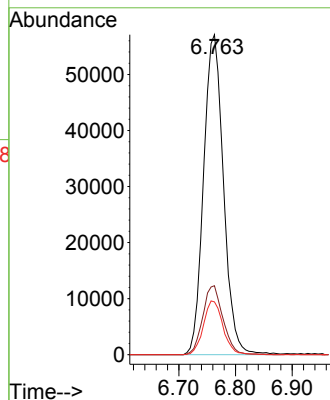
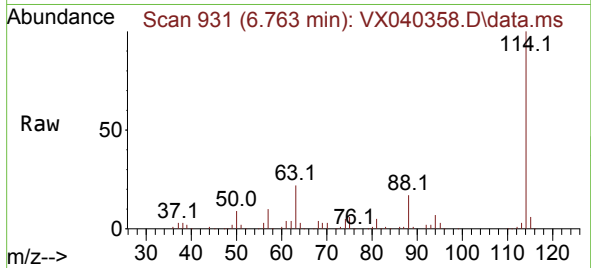




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

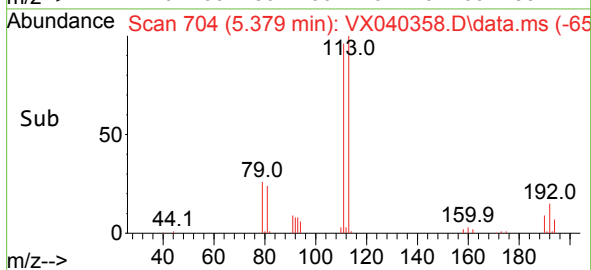
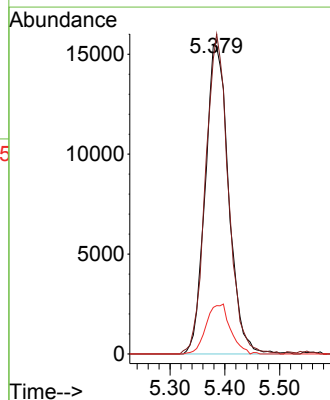
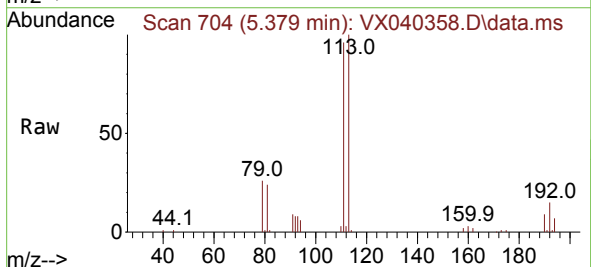
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

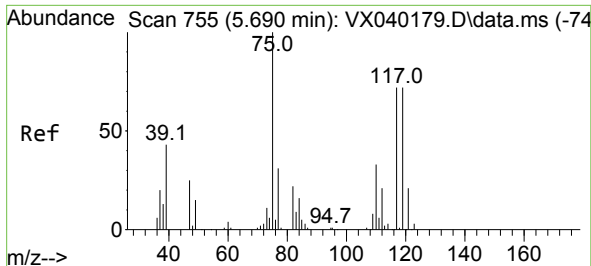
Tgt Ion:114 Resp: 139340
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.319 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Tgt Ion:113 Resp: 46045
Ion Ratio Lower Upper
113 100
111 100.0 82.9 124.3
192 16.6 13.3 19.9

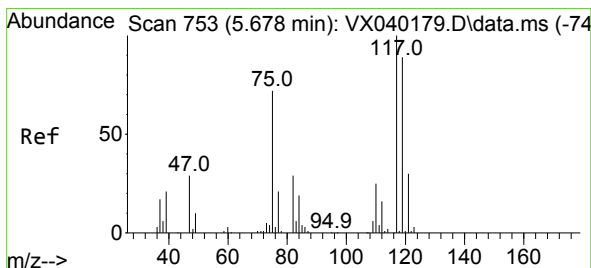
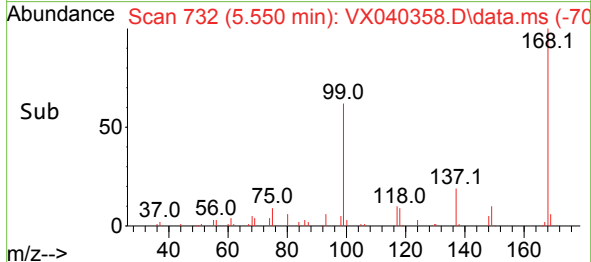
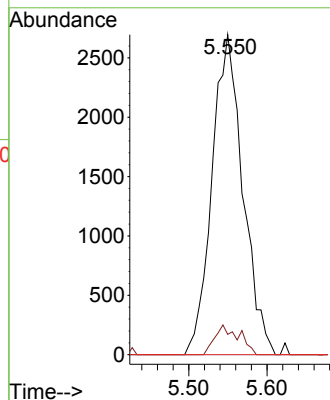
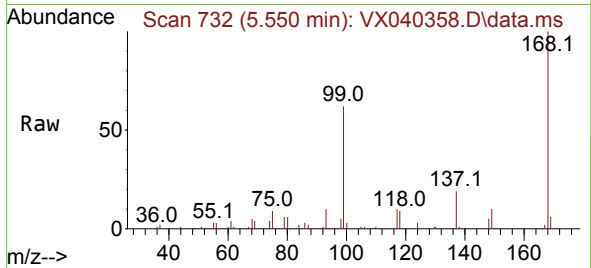




#36
1,1-Dichloropropene
Concen: 5.426 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

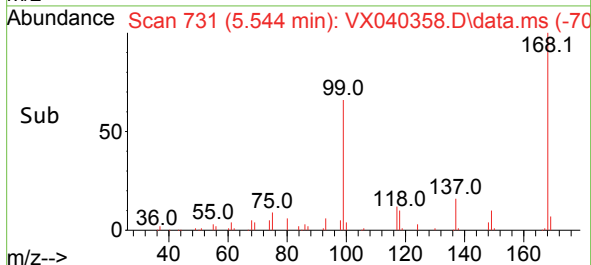
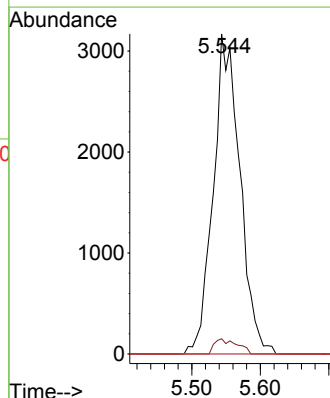
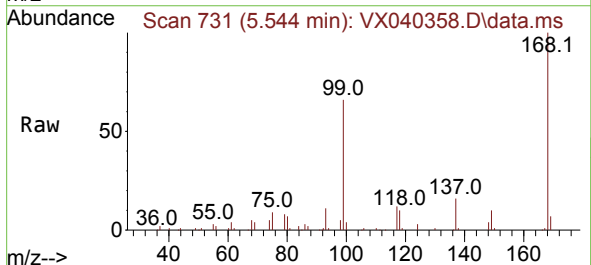
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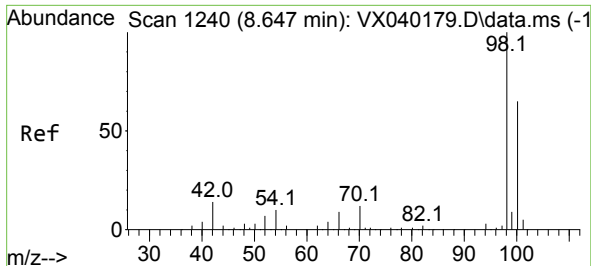
Tgt Ion: 75 Resp: 7396
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Tgt Ion: 117 Resp: 8557
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

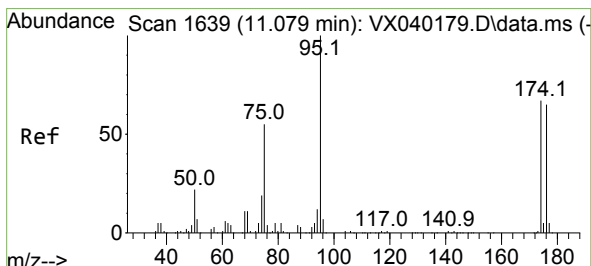
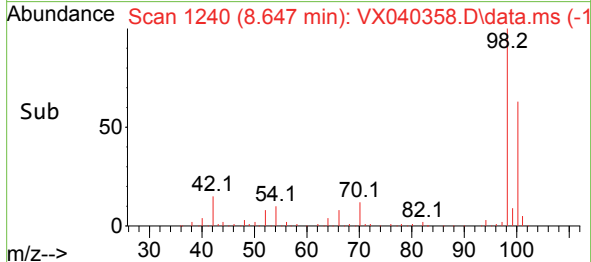
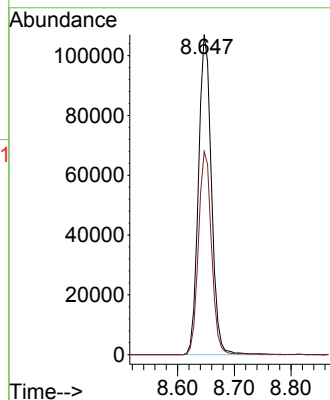
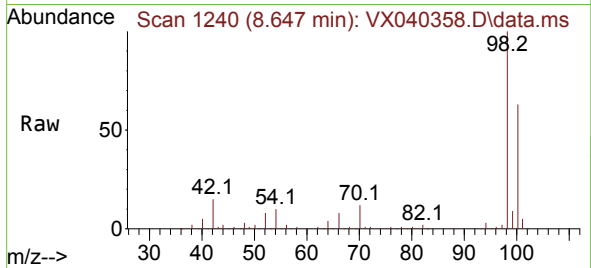




#50
Toluene-d8
Concen: 46.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

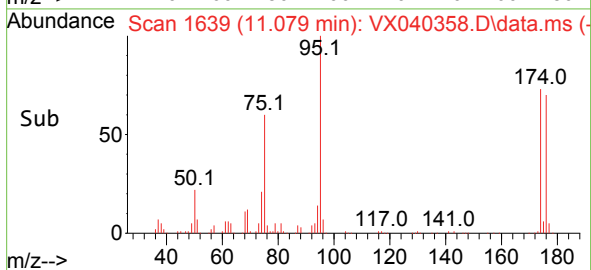
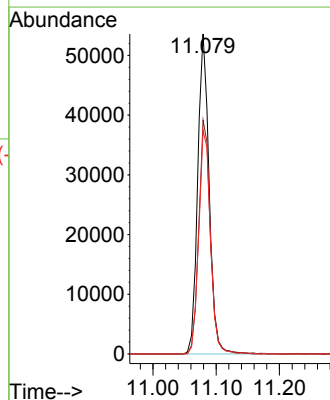
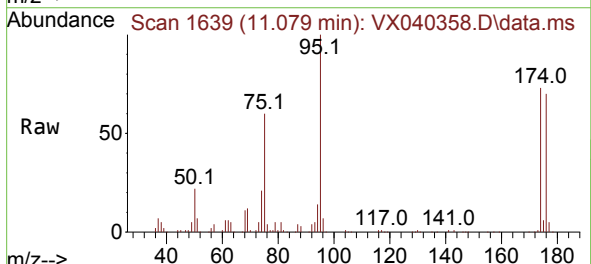
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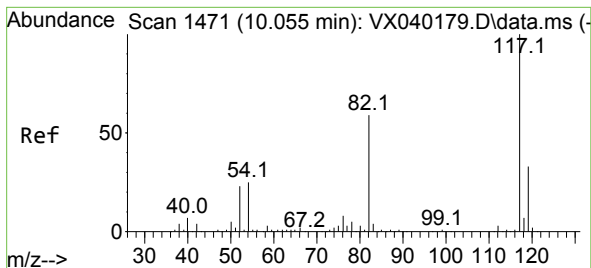
Tgt Ion: 98 Resp: 169503
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040358.D
Acq: 20 Feb 2024 15:47

Tgt Ion: 95 Resp: 67472
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.4 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: VX040358.D

Acq: 20 Feb 2024 15:47

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-23-Q

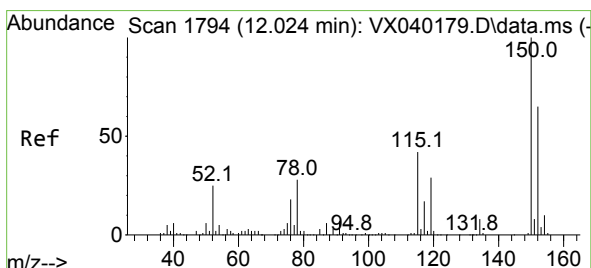
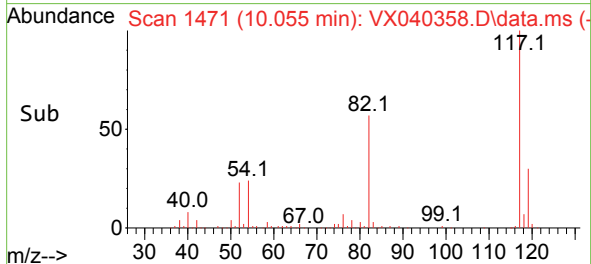
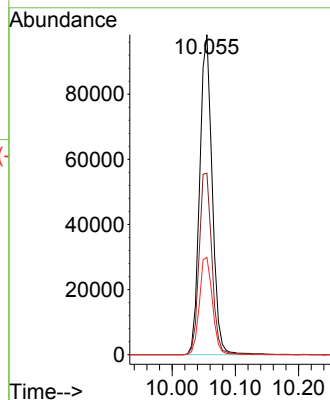
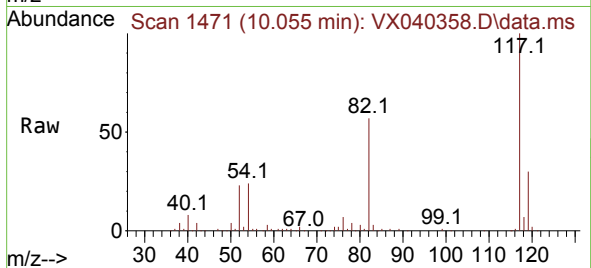
Tgt Ion:117 Resp: 135292

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

119 30.4 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: VX040358.D

Acq: 20 Feb 2024 15:47

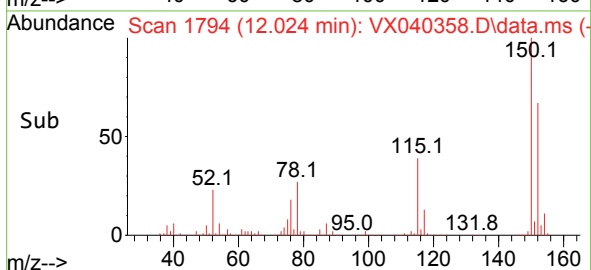
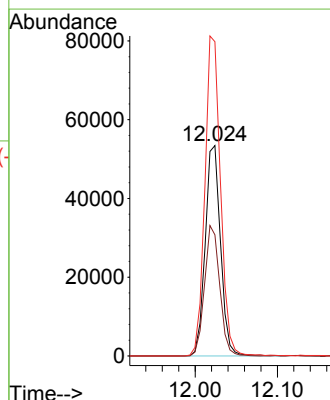
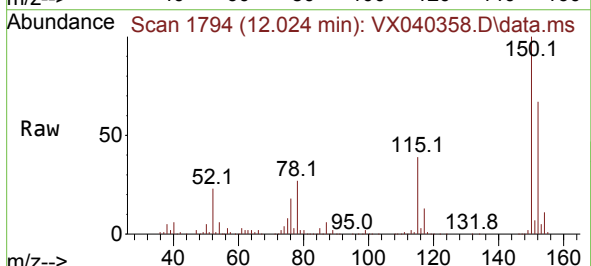
Tgt Ion:152 Resp: 69272

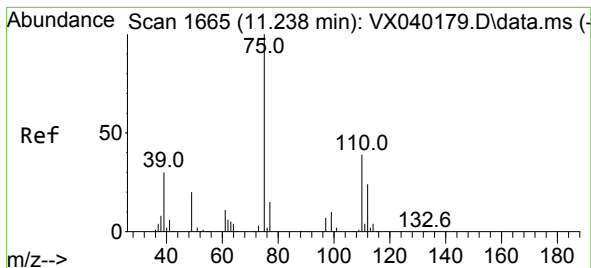
Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.493 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040358.D

Acq: 20 Feb 2024 15:47

Instrument :

MSVOA_X

ClientSampleId :

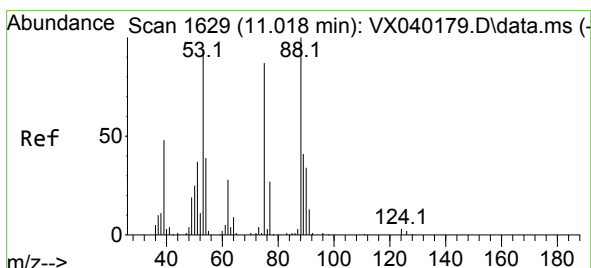
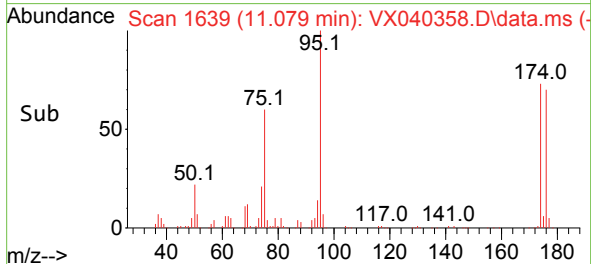
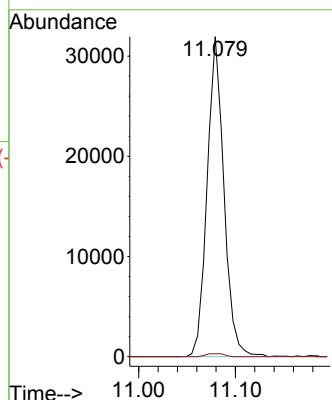
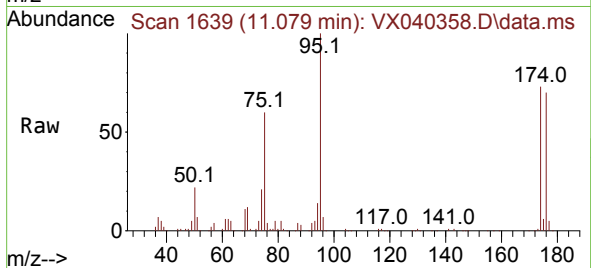
CG-MW-23-Q

Tgt Ion: 75 Resp: 38567

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.273 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040358.D

Acq: 20 Feb 2024 15:47

Tgt Ion: 75 Resp: 38567

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

