

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040379.D
 Acq On : 21 Feb 2024 14:19
 Operator : JC/MD
 Sample : P1521-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 22 01:07:56 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)

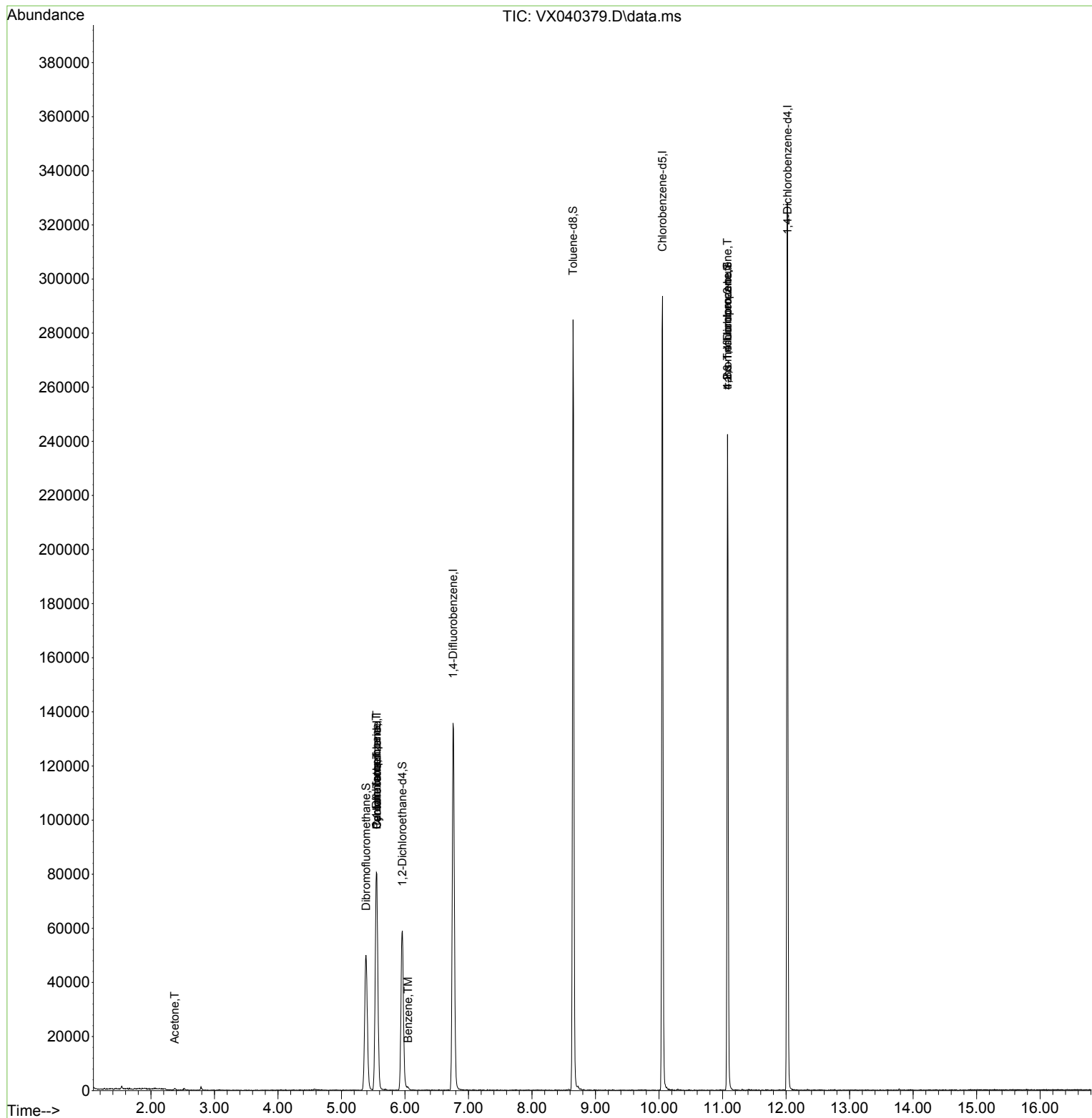
Internal Standards						
1) Pentafluorobenzene	5.556	168	73533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58712	53.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.340%	
35) Dibromofluoromethane	5.385	113	43314	46.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.560%	
50) Toluene-d8	8.647	98	162832	46.511	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.020%	
62) 4-Bromofluorobenzene	11.079	95	62050	43.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	792	1.763	ug/l	91
20) Methylene Chloride	2.788	84	404	Below Cal	#	71
31) Cyclohexane	5.556	56	2010	1.540	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	7035	5.366	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7893	6.332	ug/l #	15
40) Benzene	6.050	78	1315	0.359	ug/l #	88
76) 1,2,3-Trichloropropane	11.079	75	35462	27.363	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	35462	74.934	ug/l #	5

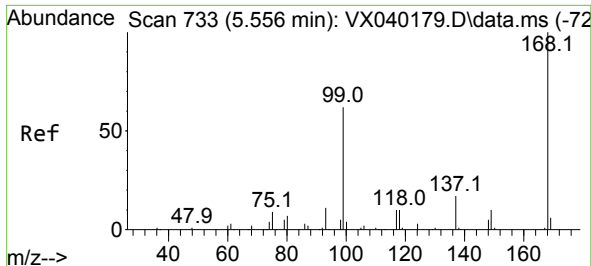
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

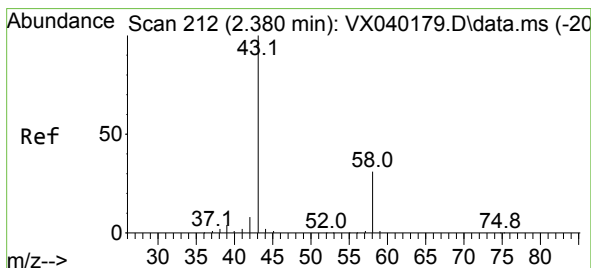
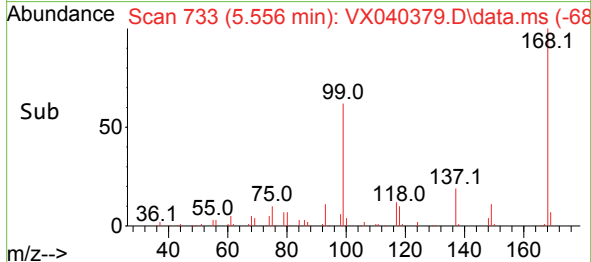
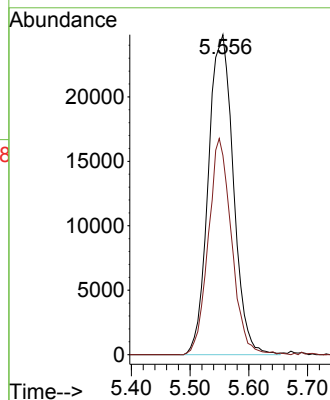
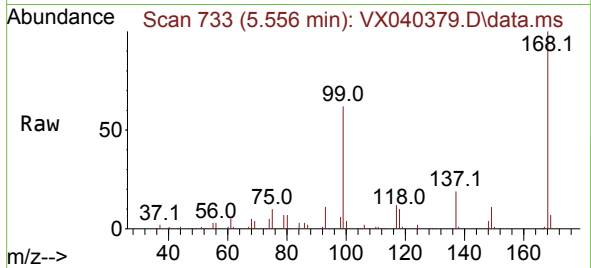




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

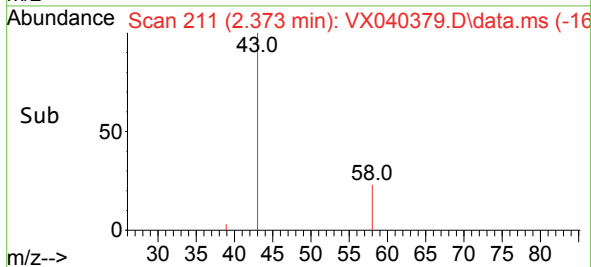
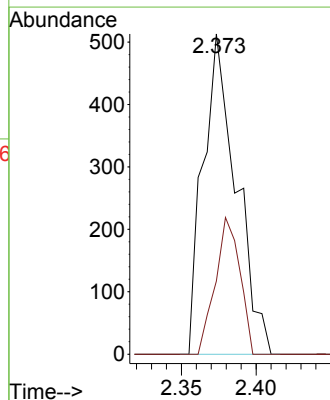
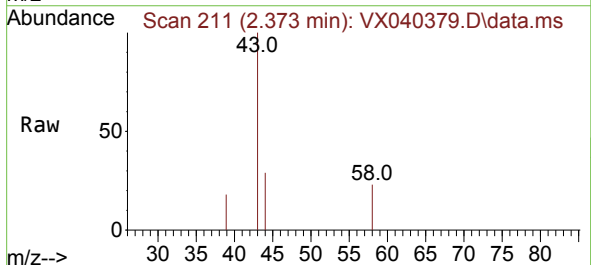
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

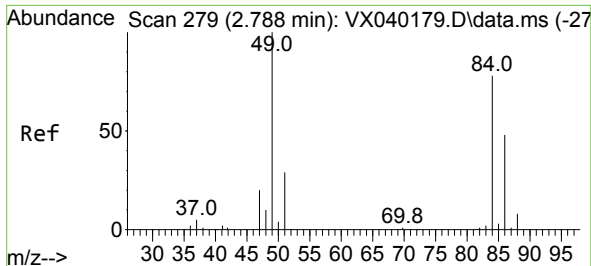
Tgt Ion:168 Resp: 73533
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 1.763 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 22.8 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-23-Q

Tgt Ion: 84 Resp: 404

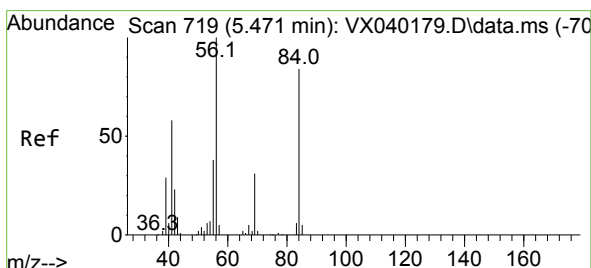
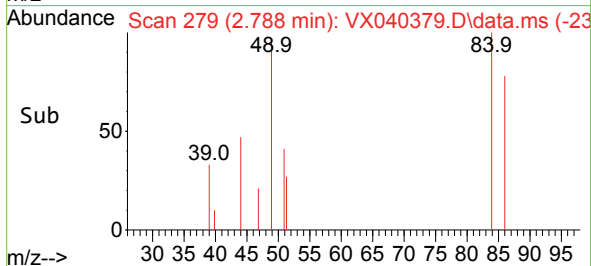
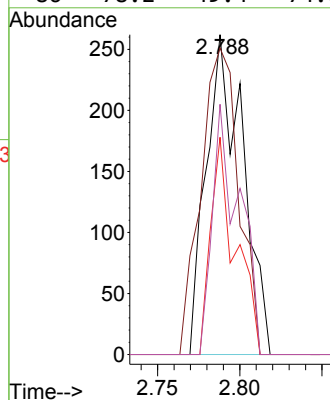
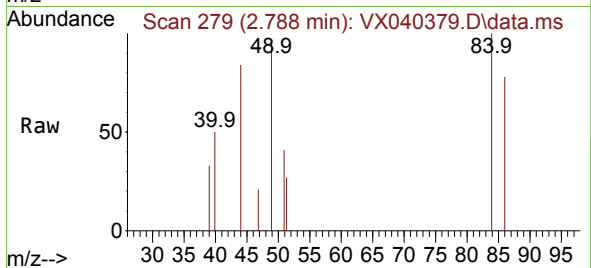
Ion Ratio Lower Upper

84 100

49 95.8 103.6 155.4#

51 67.9 33.8 50.6#

86 78.2 49.4 74.0#



#31

Cyclohexane

Concen: 1.540 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

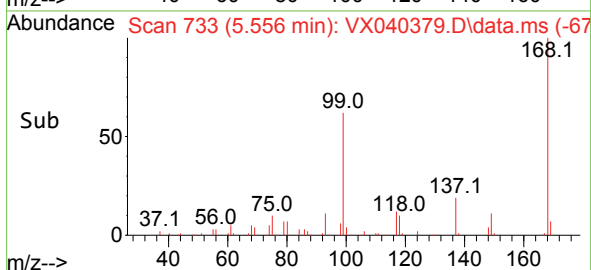
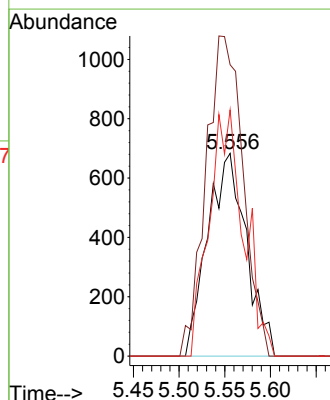
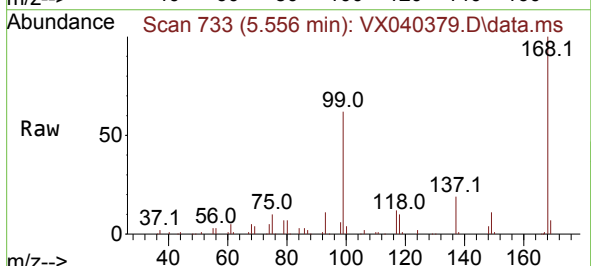
Tgt Ion: 56 Resp: 2010

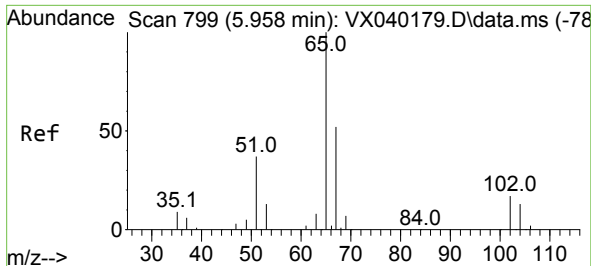
Ion Ratio Lower Upper

56 100

69 143.8 23.4 35.2#

84 121.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.670 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

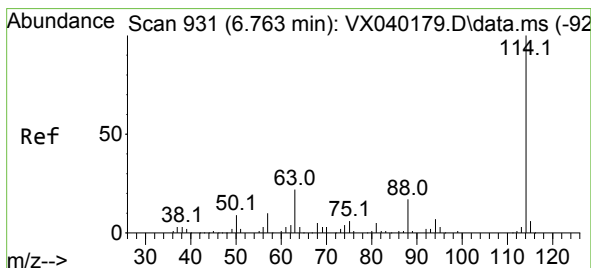
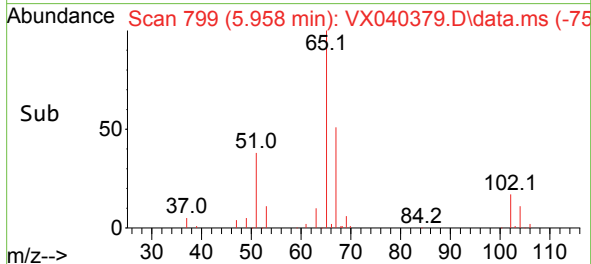
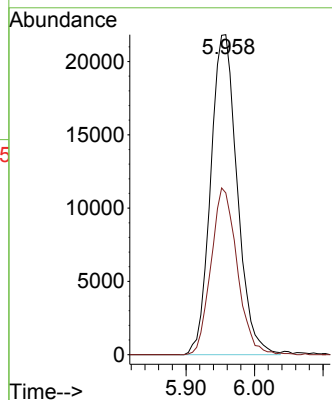
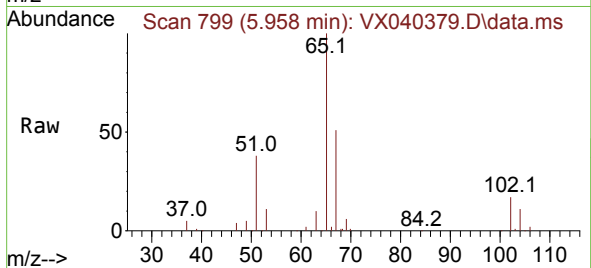
CG-MW-23-Q

Tgt Ion: 65 Resp: 58712

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

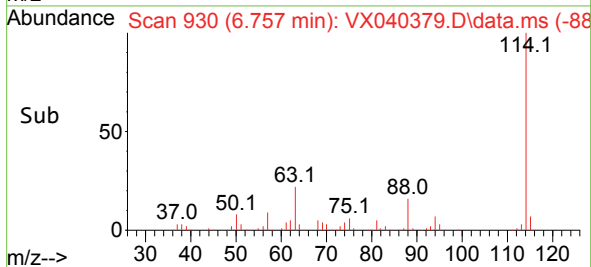
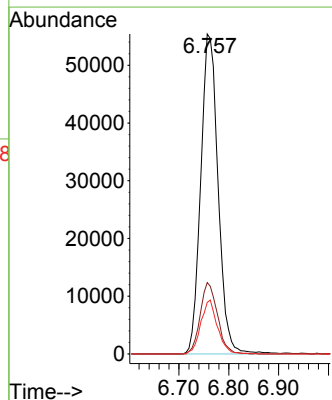
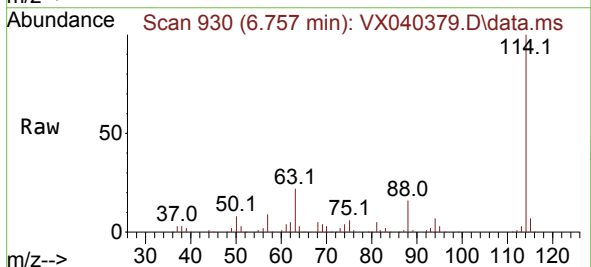
Tgt Ion: 114 Resp: 134018

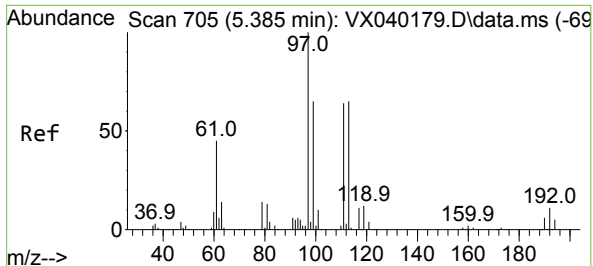
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.1 0.0 36.6

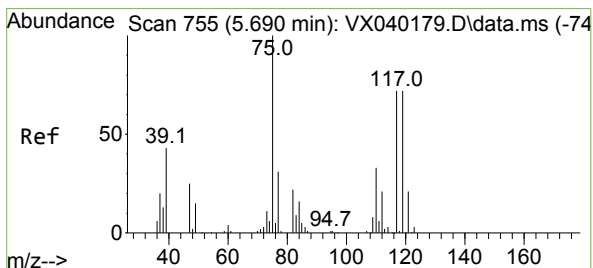
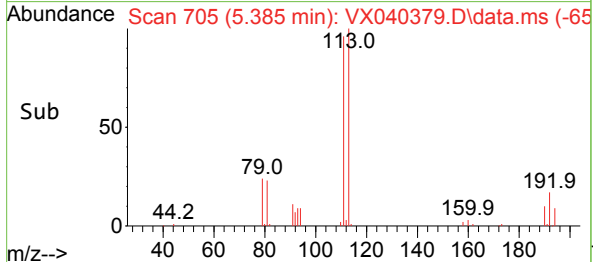
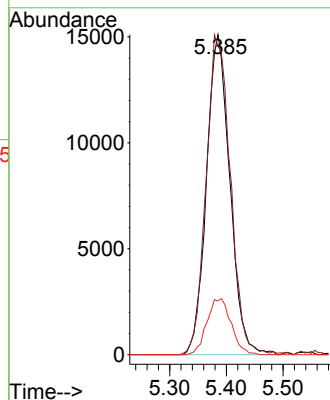
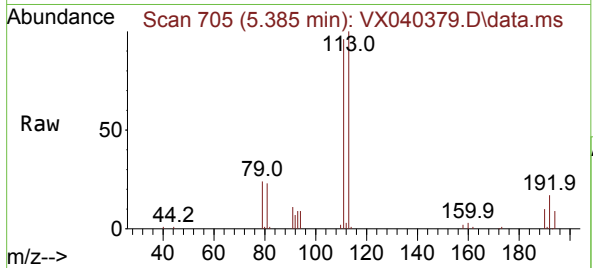




#35
Dibromofluoromethane
Concen: 46.280 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

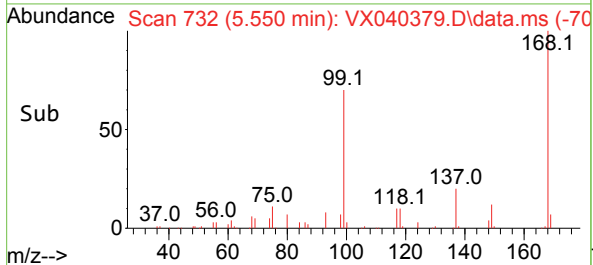
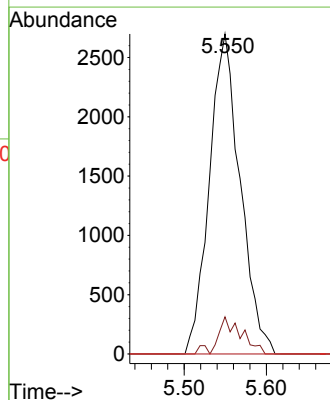
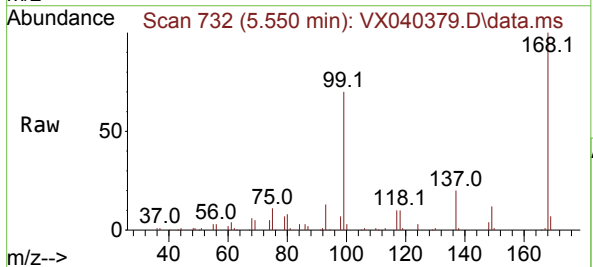
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

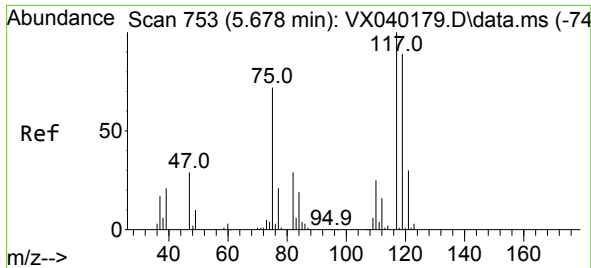
Tgt Ion:113 Resp: 43314
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

Tgt Ion: 75 Resp: 7035
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

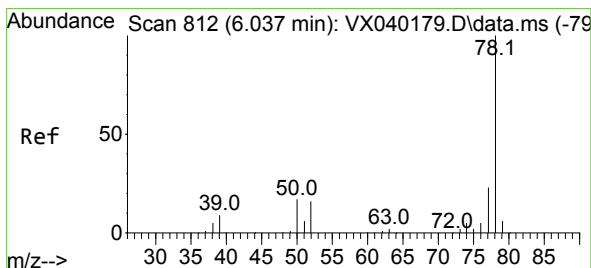
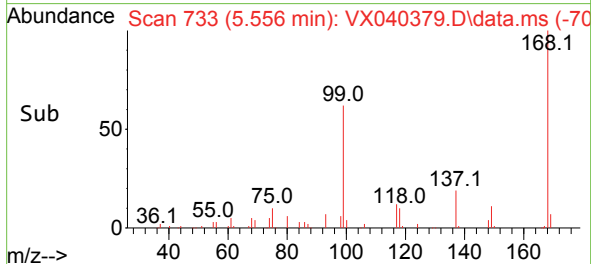
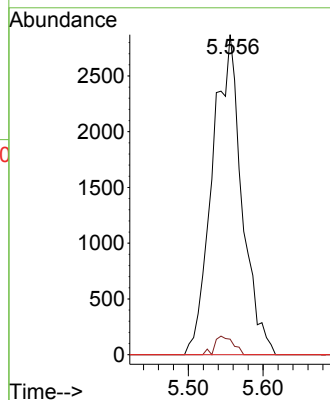
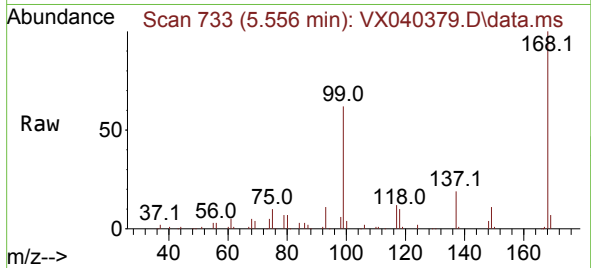




#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

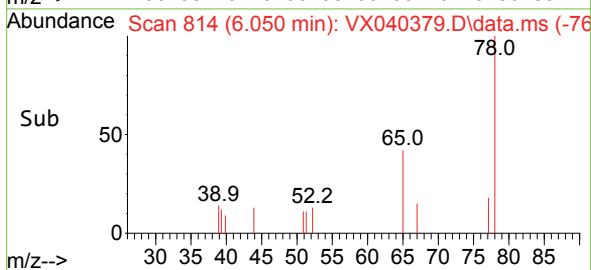
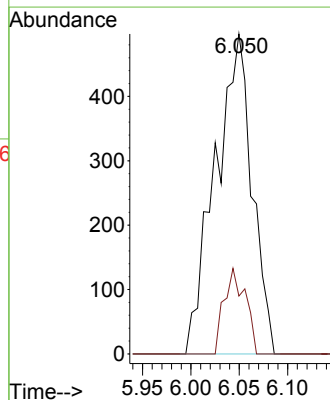
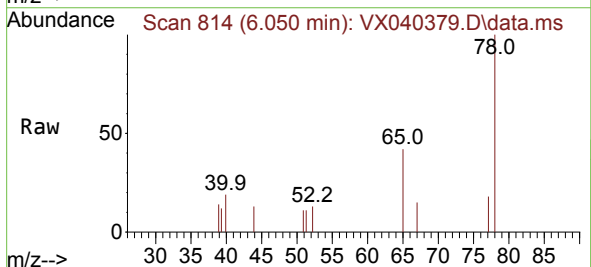
Instrument :
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ClientSampleId :
CG-MW-23-Q

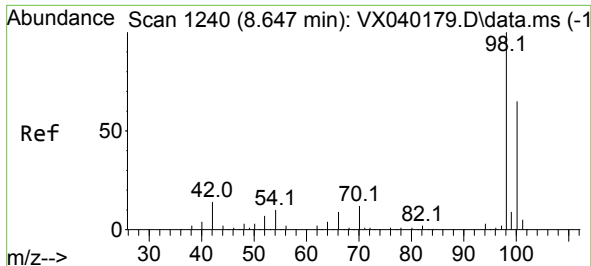
Tgt Ion:117 Resp: 7893
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.359 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

Tgt Ion: 78 Resp: 1315
Ion Ratio Lower Upper
78 100
77 18.1 19.3 28.9#

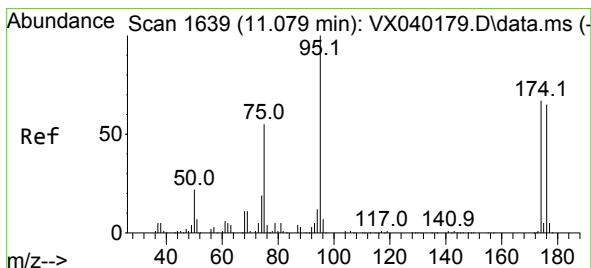
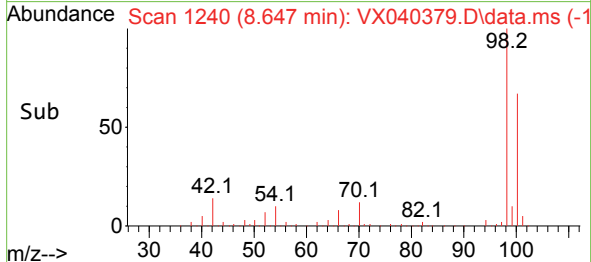
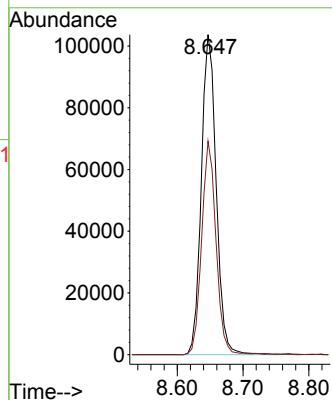
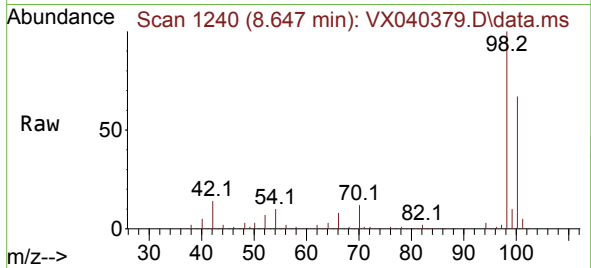




#50
Toluene-d8
Concen: 46.511 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

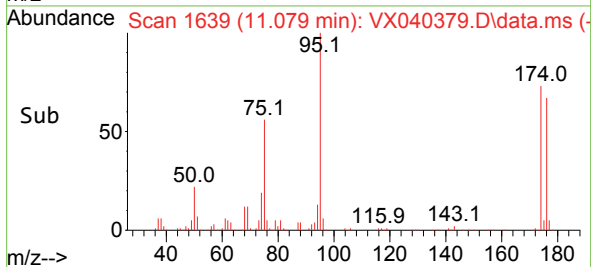
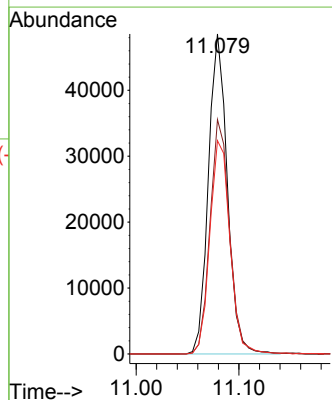
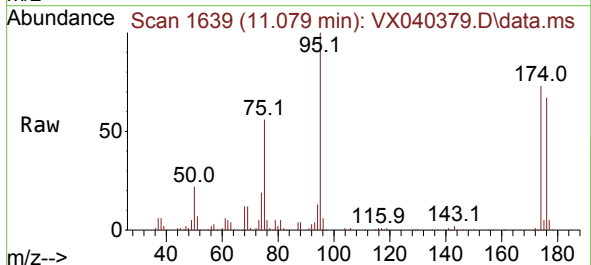
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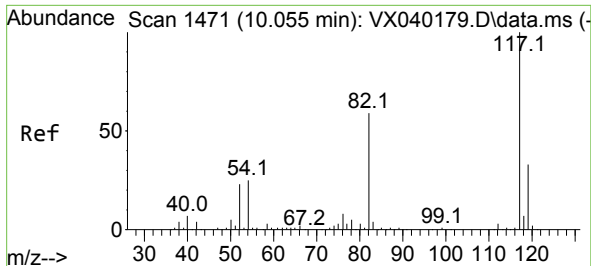
Tgt Ion: 98 Resp: 162832
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

Tgt Ion: 95 Resp: 62050
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 70.9 0.0 131.0

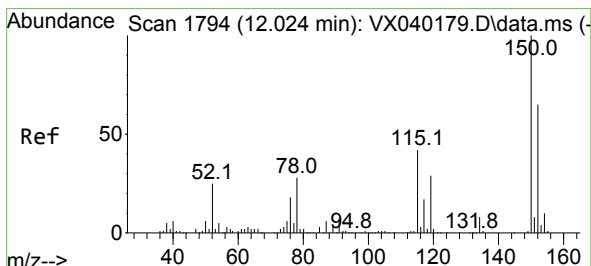
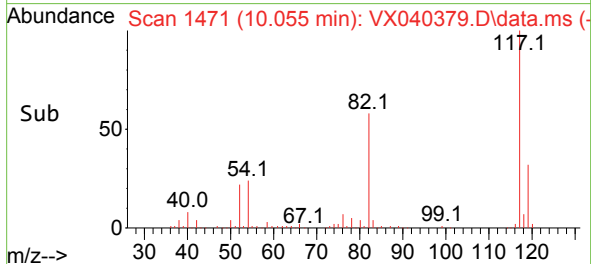
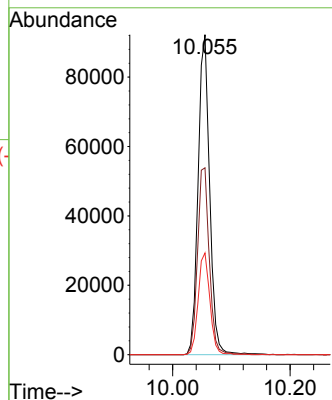
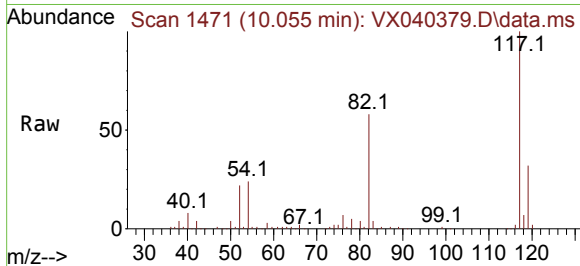




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

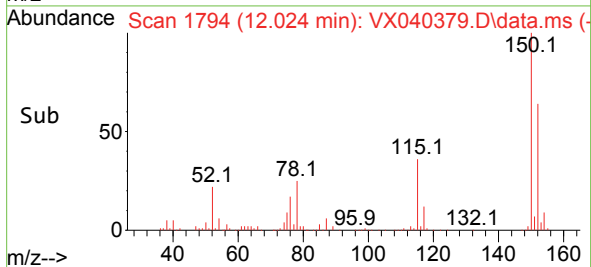
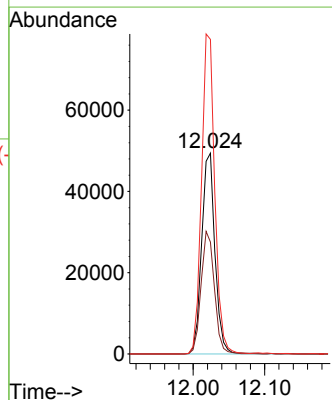
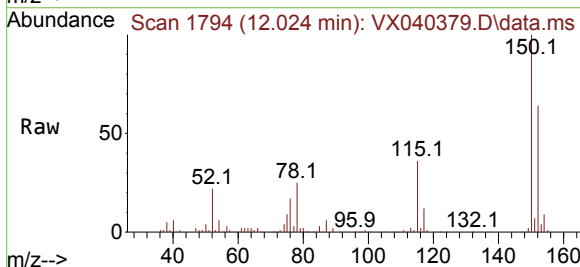
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23-Q

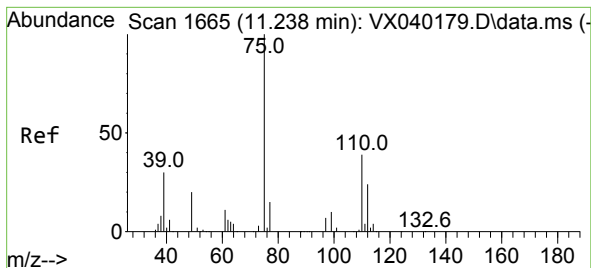
Tgt Ion:117 Resp: 125616
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040379.D
Acq: 21 Feb 2024 14:19

Tgt Ion:152 Resp: 63997
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.363 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

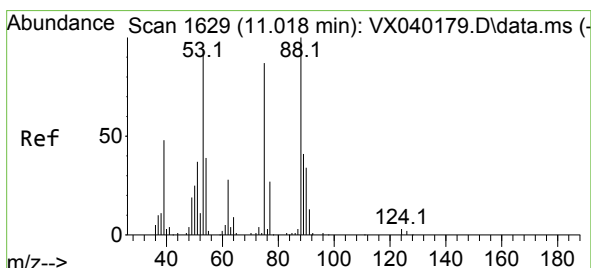
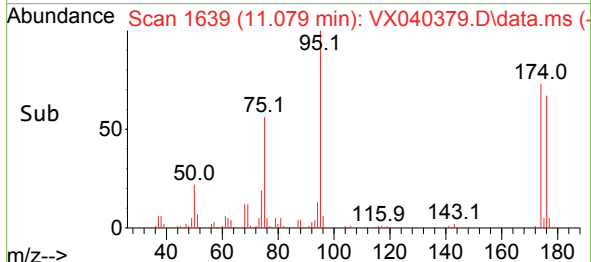
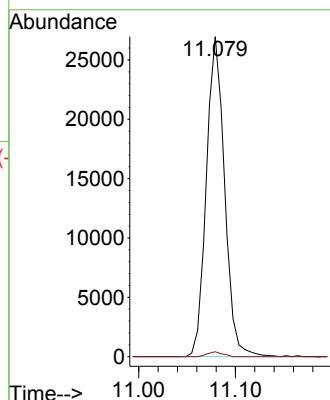
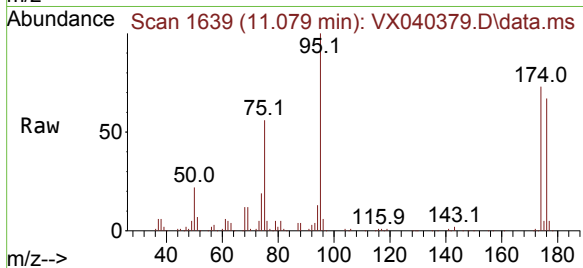
CG-MW-23-Q

Tgt Ion: 75 Resp: 35462

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.934 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040379.D

Acq: 21 Feb 2024 14:19

Tgt Ion: 75 Resp: 35462

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

