

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040215.D
 Acq On : 14 Feb 2024 13:13
 Operator : JC/MD
 Sample : VX0214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBL01

Quant Time: Feb 15 00:00:50 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)

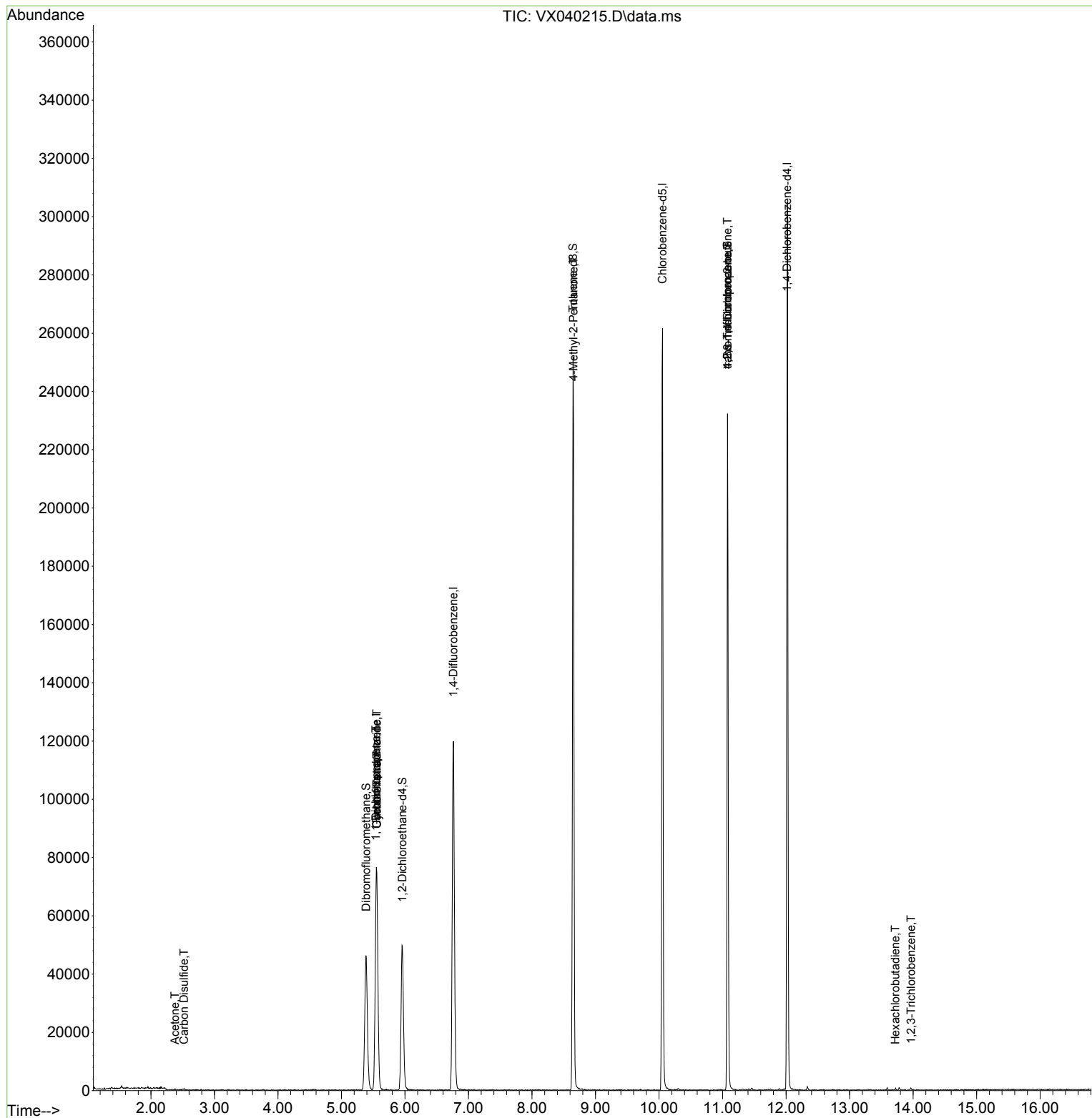
Internal Standards						
1) Pentafluorobenzene	5.550	168	75306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47501	42.399	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.800%		
35) Dibromofluoromethane	5.385	113	39913	45.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.680%		
50) Toluene-d8	8.647	98	152461	46.296	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.600%		
62) 4-Bromofluorobenzene	11.079	95	59324	44.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.340%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	142	0.309	ug/l	# 47
17) Carbon Disulfide	2.520	76	604	0.298	ug/l	# 76
20) Methylene Chloride	2.794	84	89	Below Cal		# 40
31) Cyclohexane	5.556	56	1524	1.140	ug/l	# 26
36) 1,1-Dichloropropene	5.544	75	5760	4.671	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	7344	6.263	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	750	0.513	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	30885	23.906	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	30885	65.916	ug/l	# 5
94) Hexachlorobutadiene	13.719	225	136	0.245	ug/l	67
96) 1,2,3-Trichlorobenzene	13.969	180	317	0.239	ug/l	69

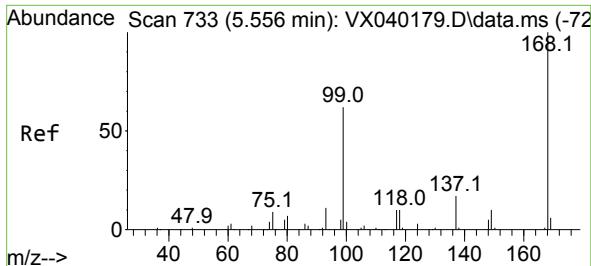
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 15 00:00:50 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

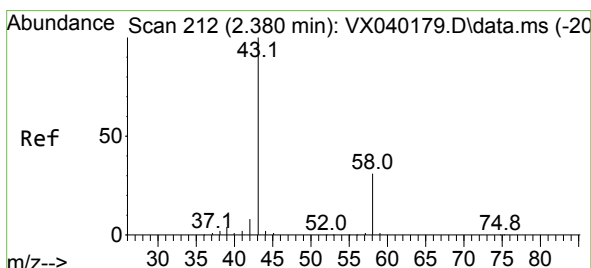
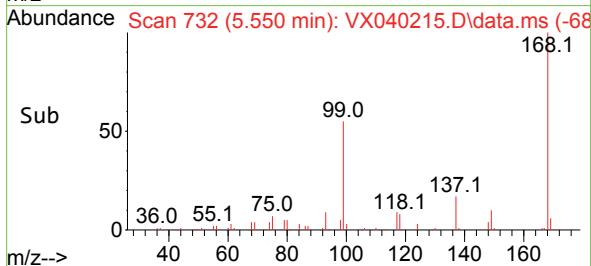
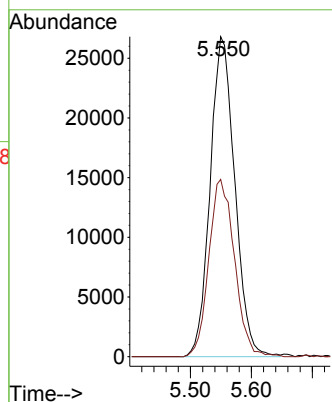
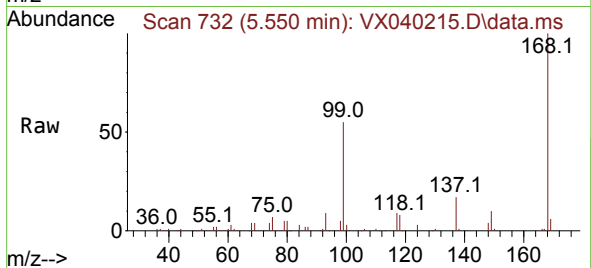




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

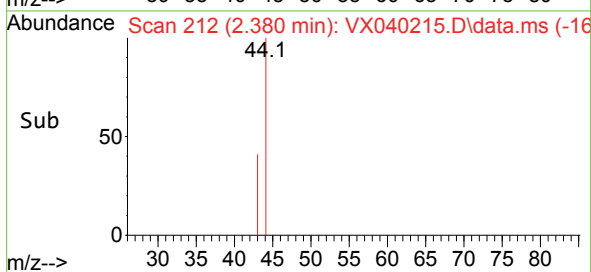
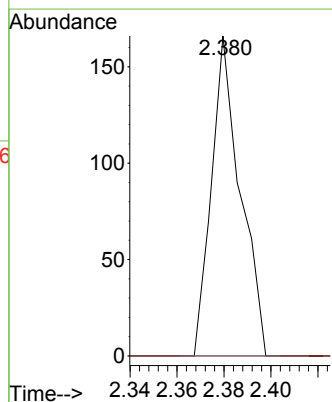
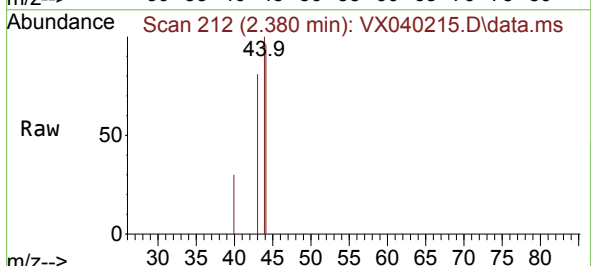
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

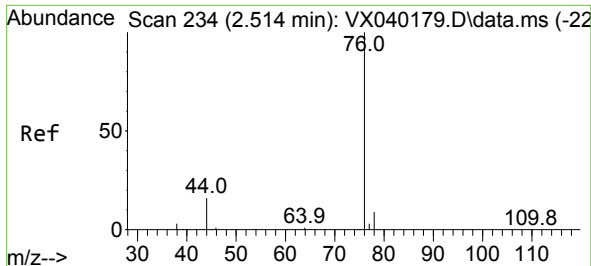
Tgt Ion:168 Resp: 75306
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#16
Acetone
Concen: 0.309 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

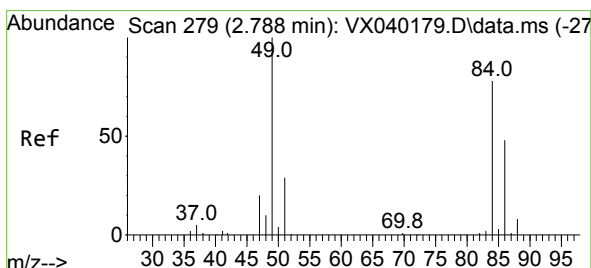
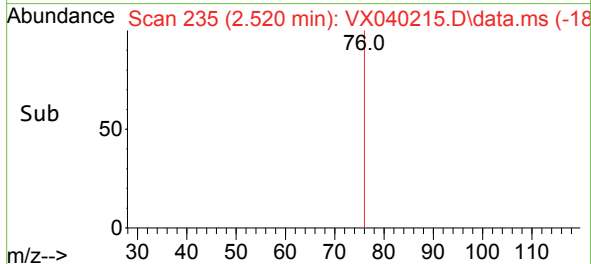
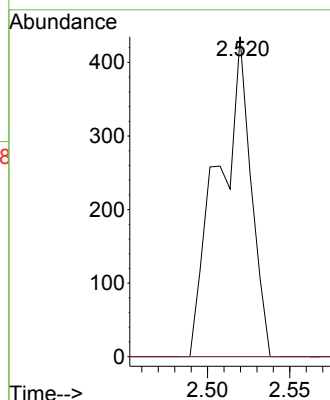
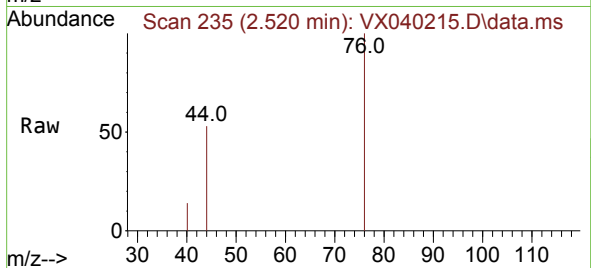




#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

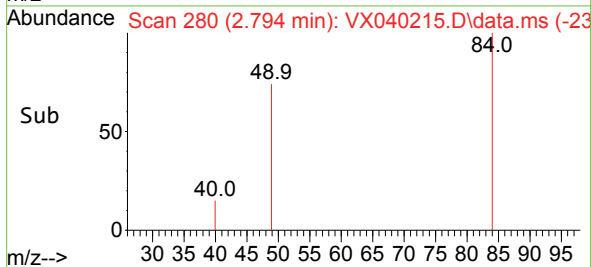
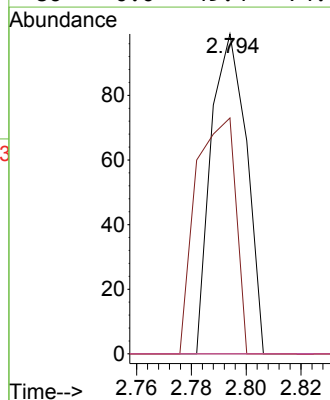
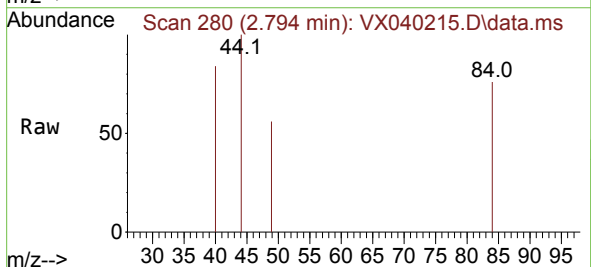
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

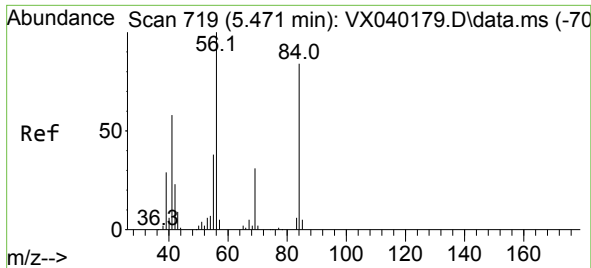
Tgt Ion: 76 Resp: 604
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion: 84 Resp: 89
Ion Ratio Lower Upper
84 100
49 73.7 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

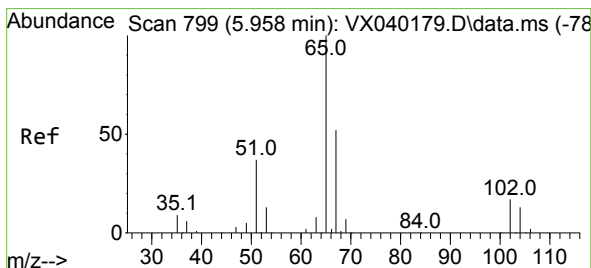
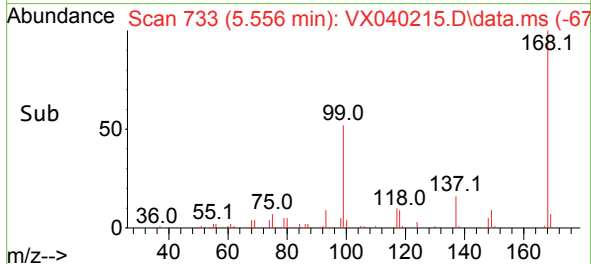
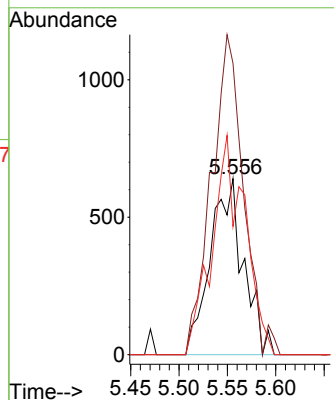
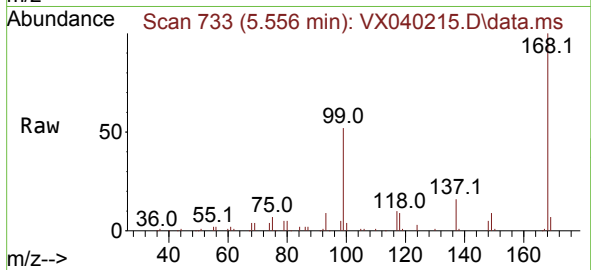




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

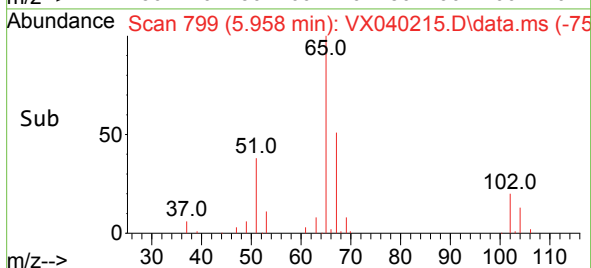
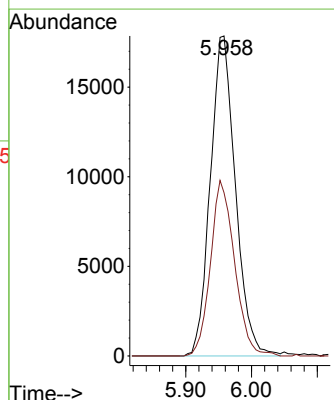
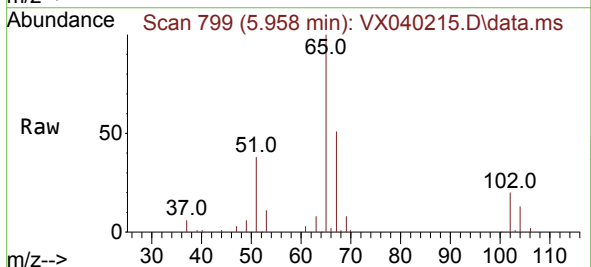
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

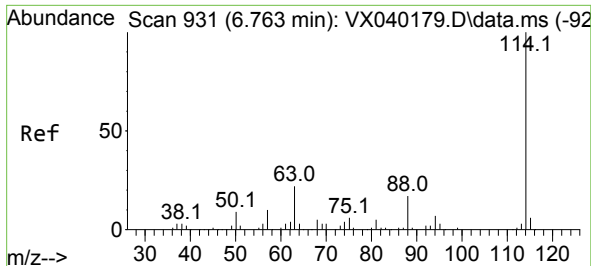
Tgt Ion: 56 Resp: 1524
Ion Ratio Lower Upper
56 100
69 165.6 23.4 35.2#
84 73.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 42.399 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion: 65 Resp: 47501
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

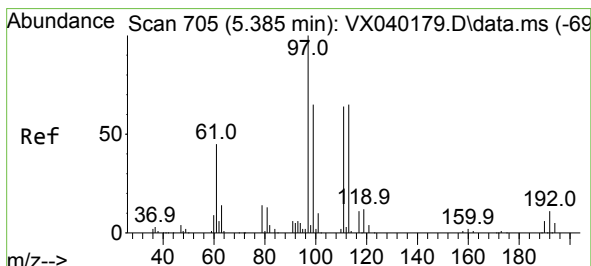
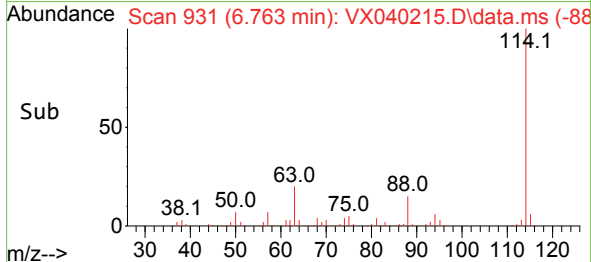
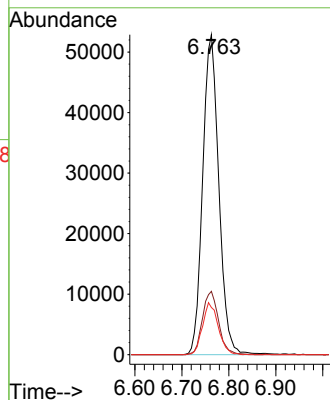
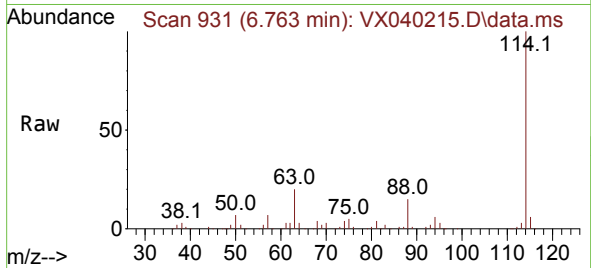




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

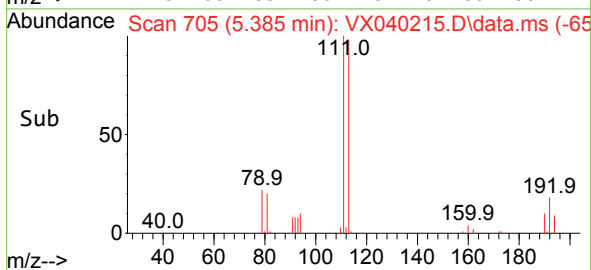
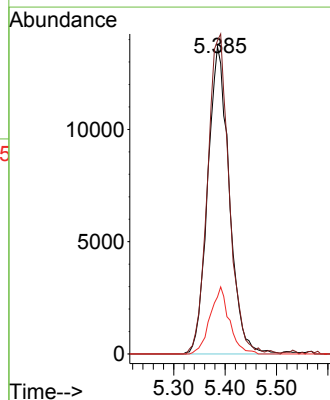
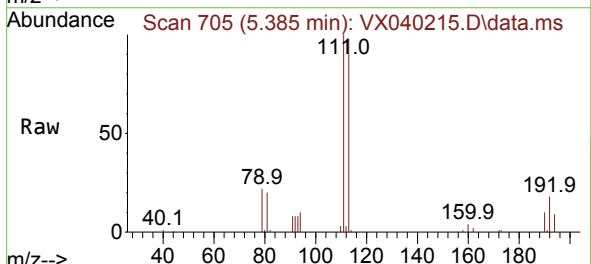
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

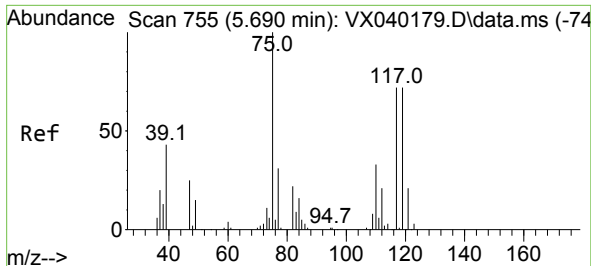
Tgt Ion:114 Resp: 126064
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.337 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion:113 Resp: 39913
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.4 13.3 19.9

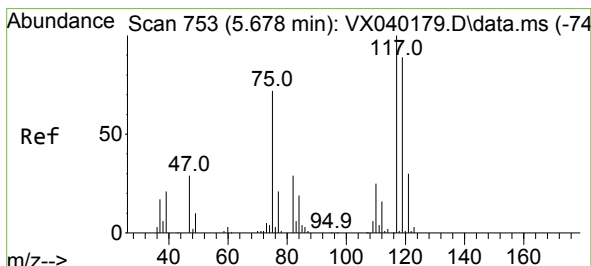
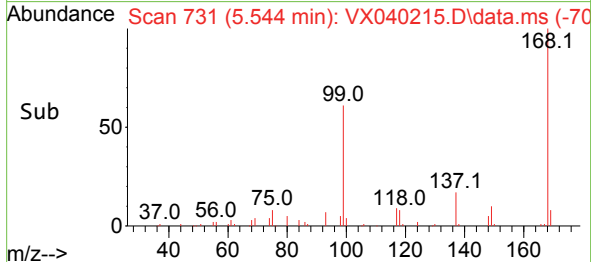
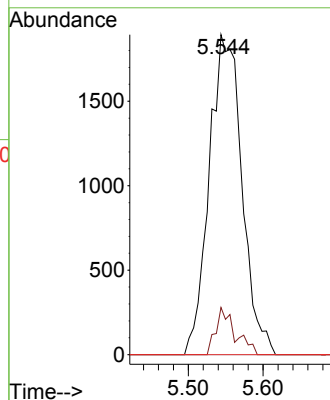
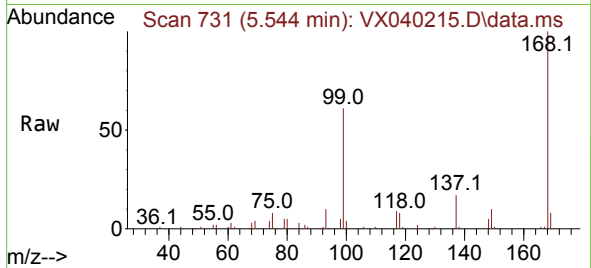




#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

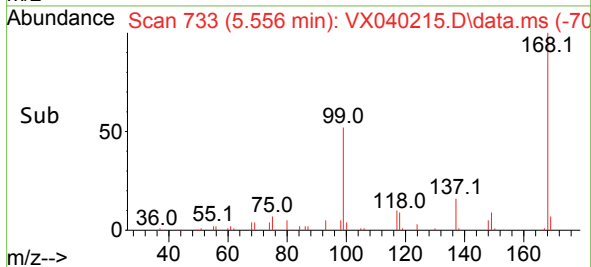
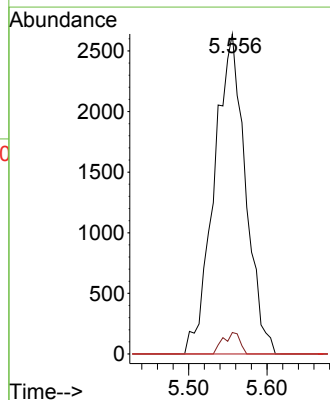
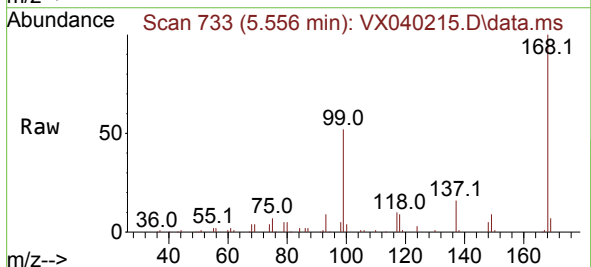
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

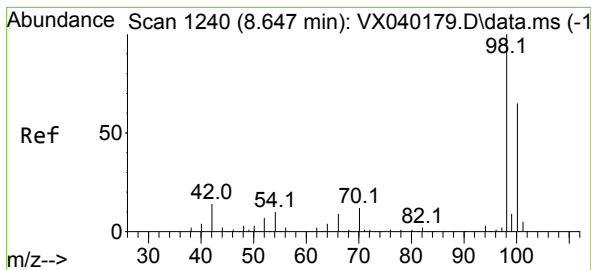
Tgt Ion: 75 Resp: 5760
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion: 117 Resp: 7344
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.296 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040215.D

Acq: 14 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

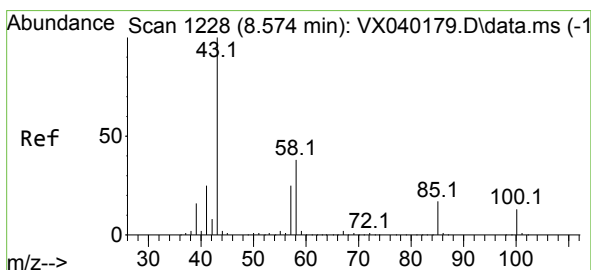
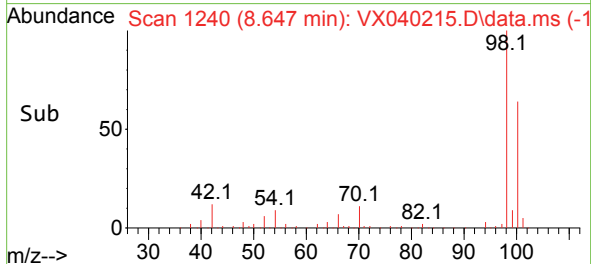
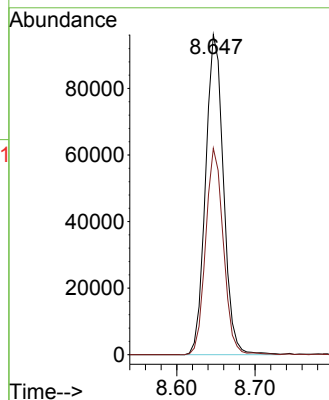
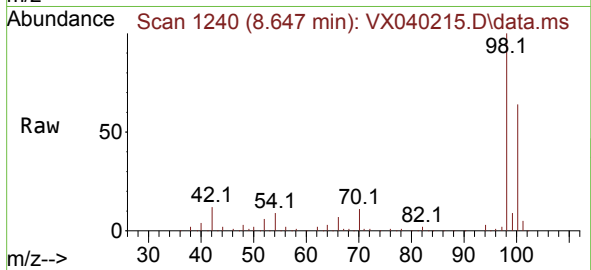
VX0214WBL01

Tgt Ion: 98 Resp: 152461

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.513 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX040215.D

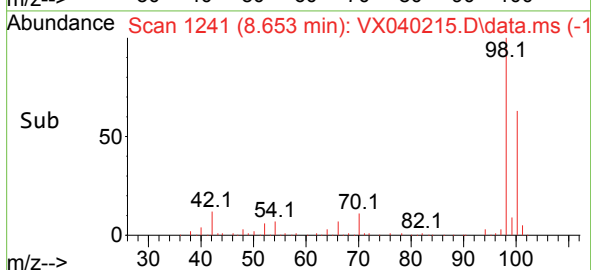
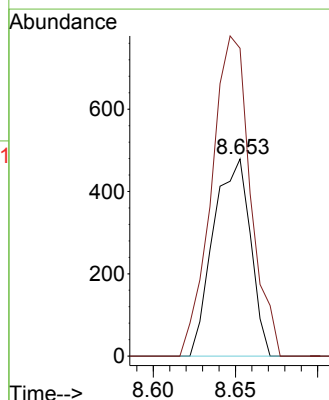
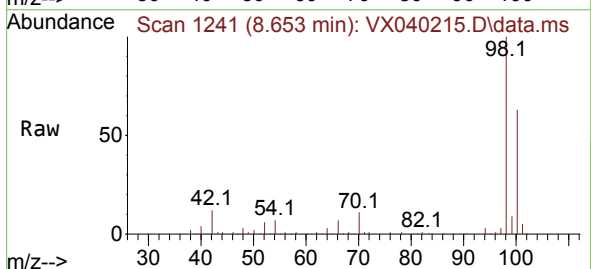
Acq: 14 Feb 2024 13:13

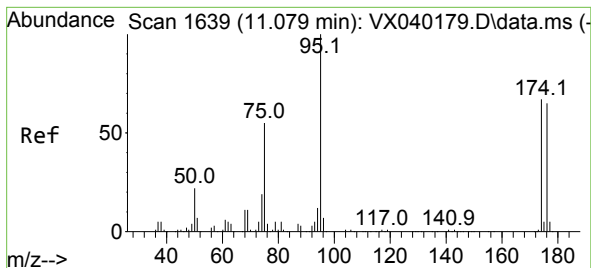
Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

43 100

58 171.1 30.4 45.6#

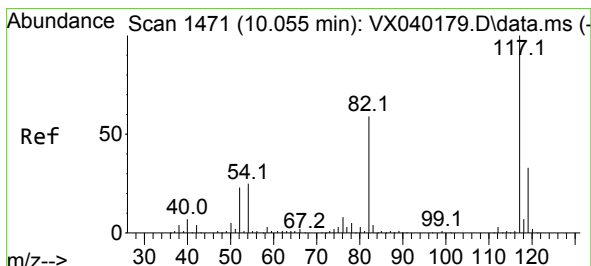
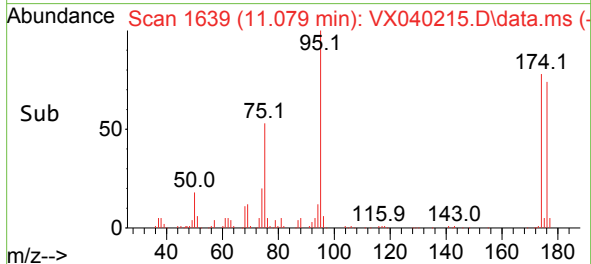
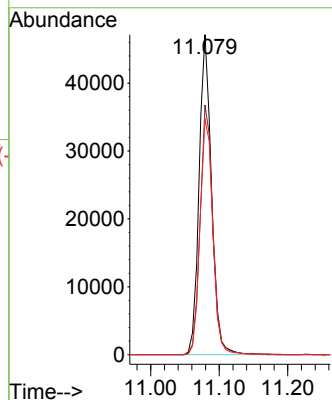
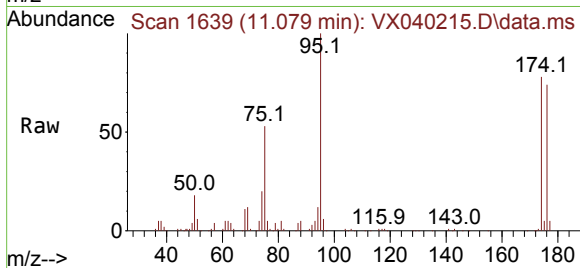




#62
4-Bromofluorobenzene
Concen: 44.170 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

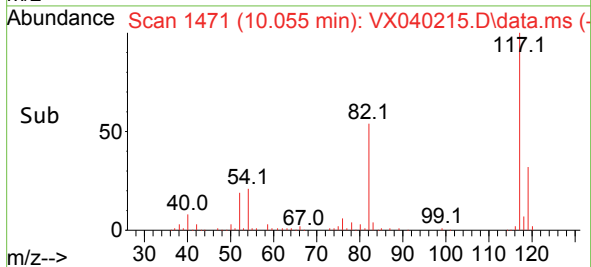
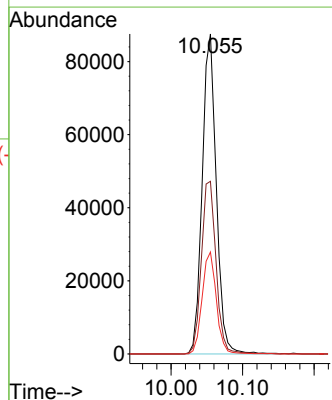
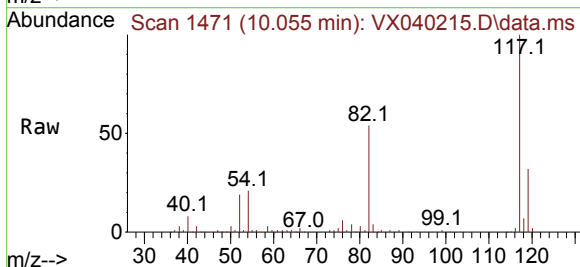
Instrument :
MSVOA_X
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VX0214WBL01

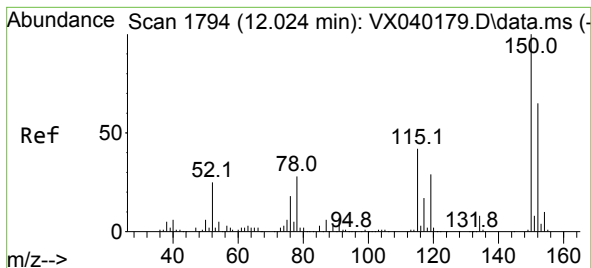
Tgt Ion: 95 Resp: 59324
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 76.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

Tgt Ion: 117 Resp: 119732
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040215.D

Acq: 14 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBL01

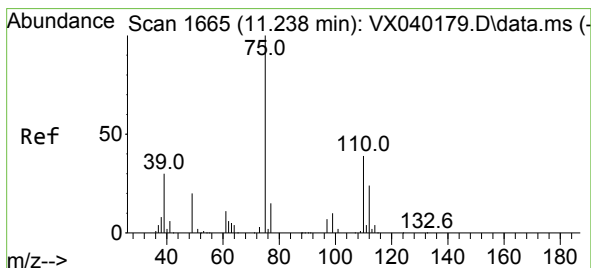
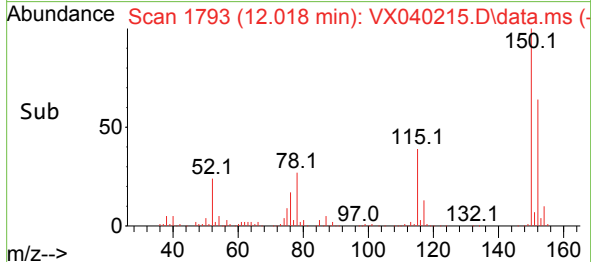
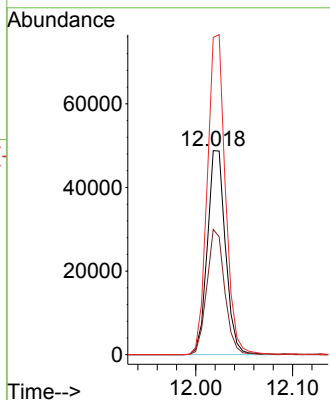
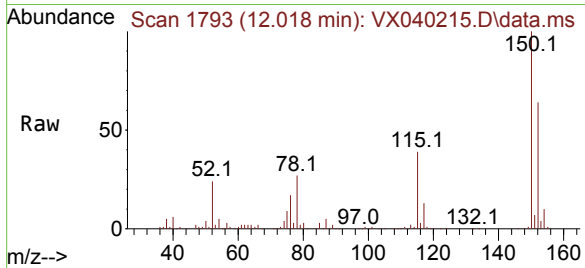
Tgt Ion:152 Resp: 63797

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.906 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040215.D

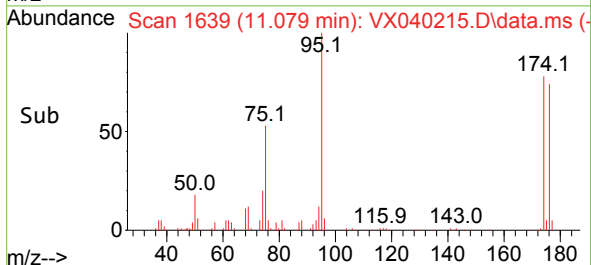
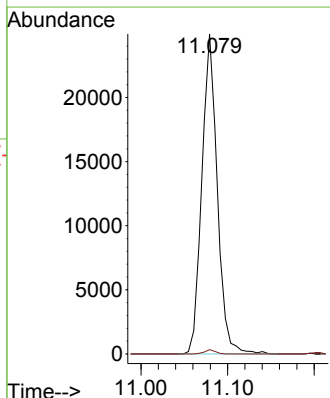
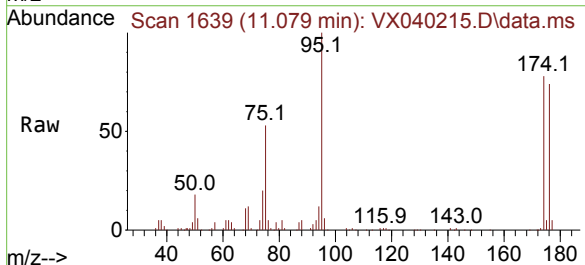
Acq: 14 Feb 2024 13:13

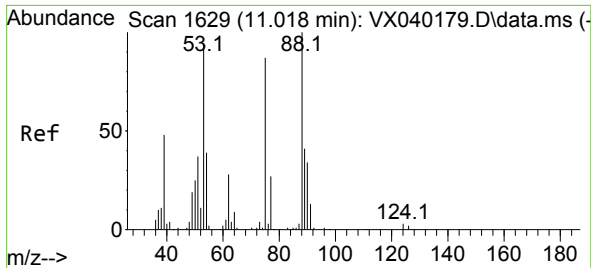
Tgt Ion: 75 Resp: 30885

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

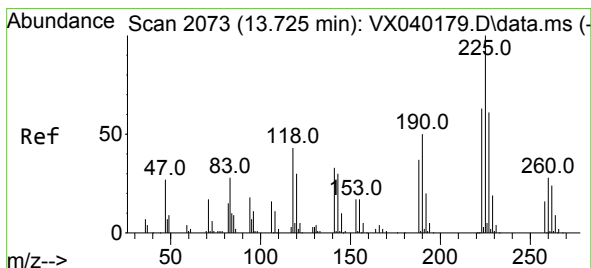
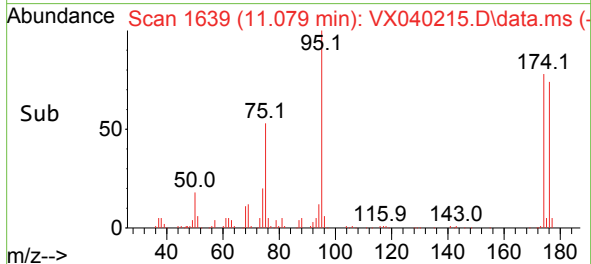
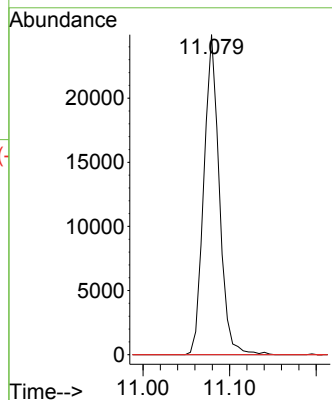
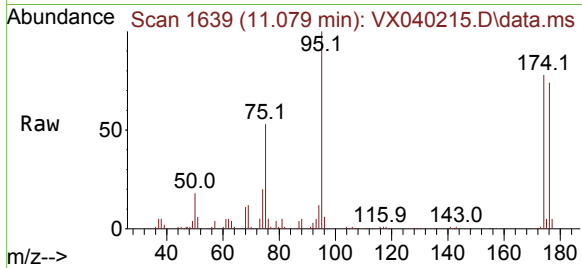




#81
trans-1,4-Dichloro-2-butene
Concen: 65.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

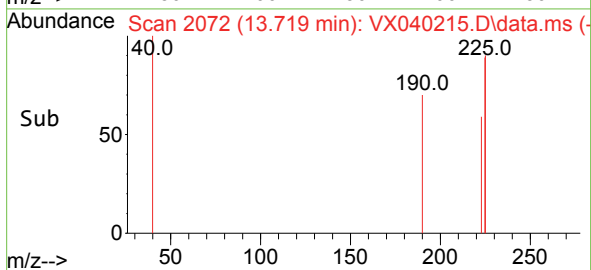
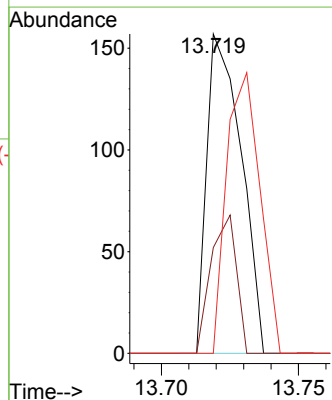
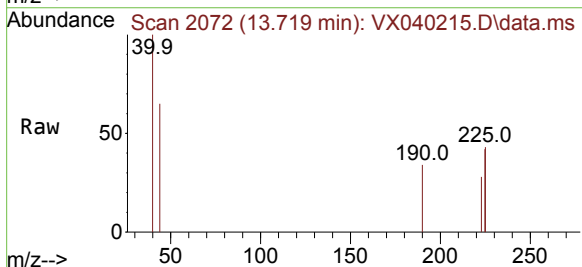
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

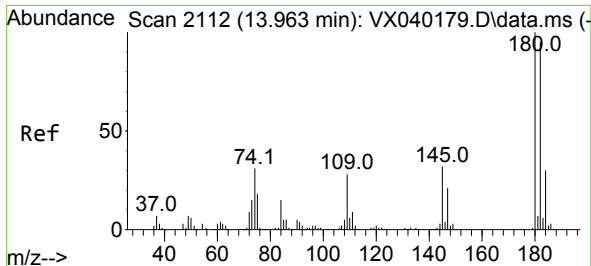
Tgt Ion: 75 Resp: 30885
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.245 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040215.D
Acq: 14 Feb 2024 13:13

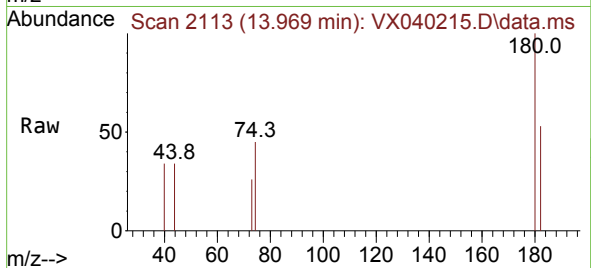
Tgt Ion: 225 Resp: 136
Ion Ratio Lower Upper
225 100
223 32.4 31.1 93.2
227 86.0 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.239 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040215.D
 Acq: 14 Feb 2024 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBL01



Tgt Ion:	180	Resp:	317
Ion	Ratio	Lower	Upper
180	100		
182	63.7	46.9	140.6
145	18.6	17.8	53.5

