

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039871.D
 Acq On : 22 Jan 2024 10:24
 Operator : JC/MD
 Sample : VX0124WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBL01

Quant Time: Jan 23 00:12:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

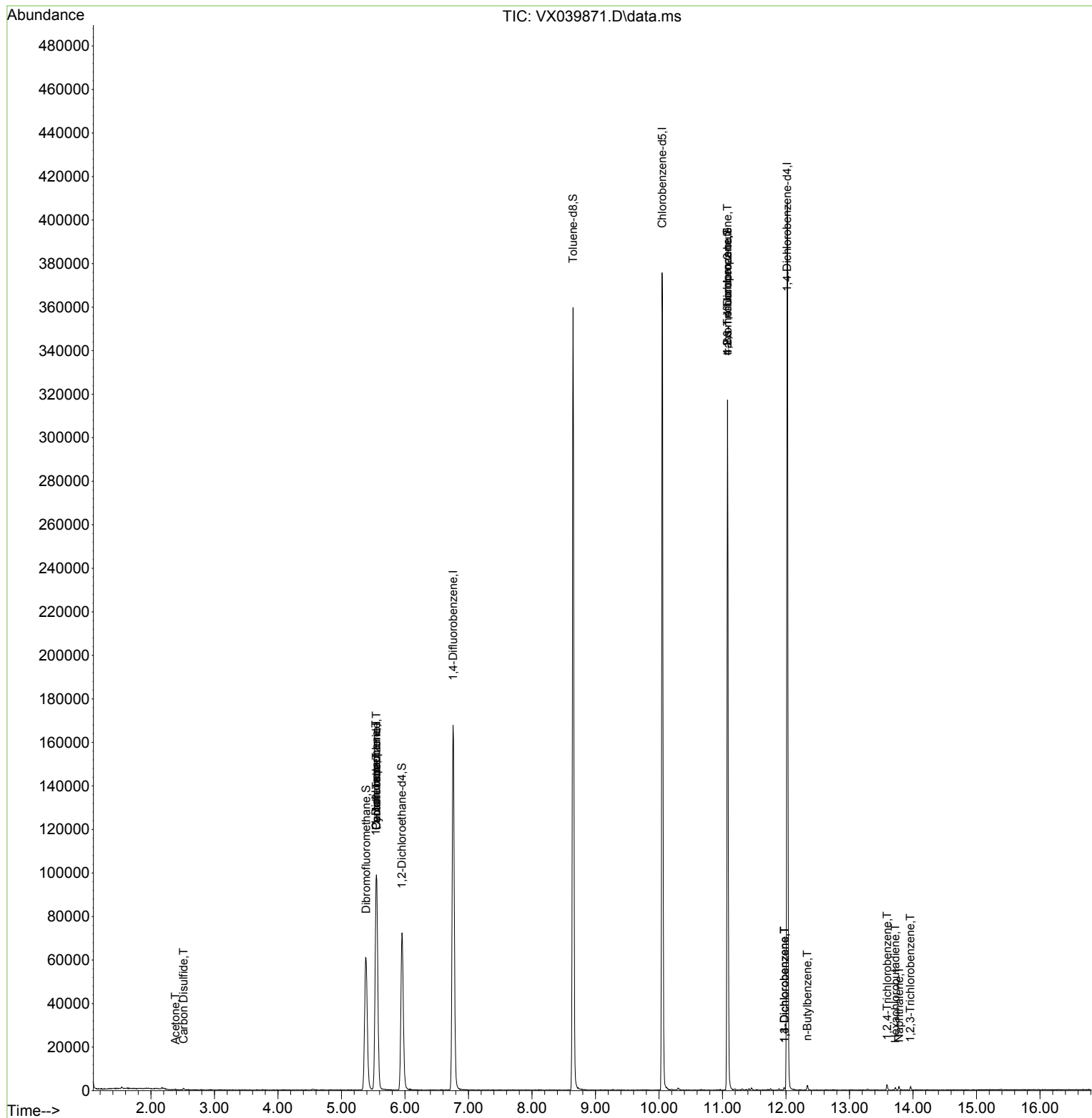
Internal Standards						
1) Pentafluorobenzene	5.550	168	88108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70350	47.665	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.320%		
35) Dibromofluoromethane	5.385	113	54212	49.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.647	98	203820	49.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	81743	50.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.700%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	224	0.270	ug/l #	47
17) Carbon Disulfide	2.514	76	752	0.247	ug/l #	62
31) Cyclohexane	5.550	56	2412	1.238	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	8788	5.129	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10039	6.397	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	45777	22.499	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45777	65.130	ug/l #	5
87) 1,3-Dichlorobenzene	11.976	146	564	0.211	ug/l	80
88) 1,4-Dichlorobenzene	11.976	146	564	0.205	ug/l	81
89) n-Butylbenzene	12.335	91	1219	0.240	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	726	0.451	ug/l	89
94) Hexachlorobutadiene	13.719	225	247	0.369	ug/l #	61
95) Naphthalene	13.780	128	1505	0.254	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.957	180	503	0.309	ug/l	95

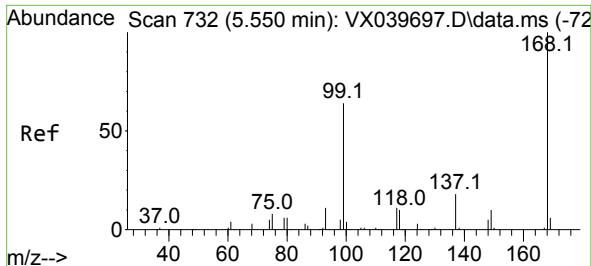
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
Data File : VX039871.D
Acq On : 22 Jan 2024 10:24
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

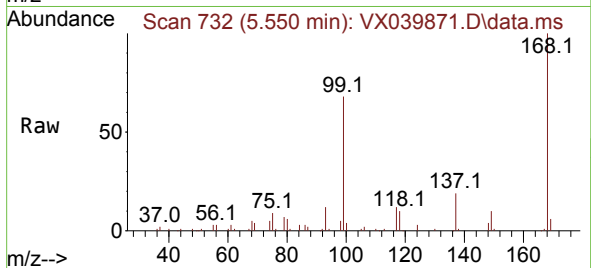
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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



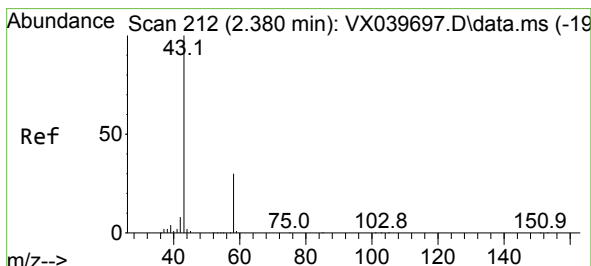
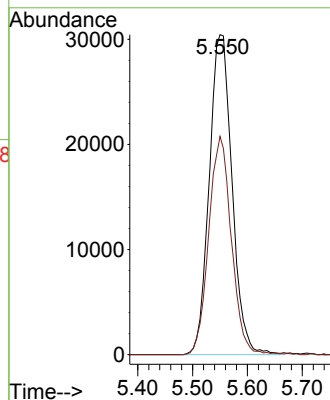
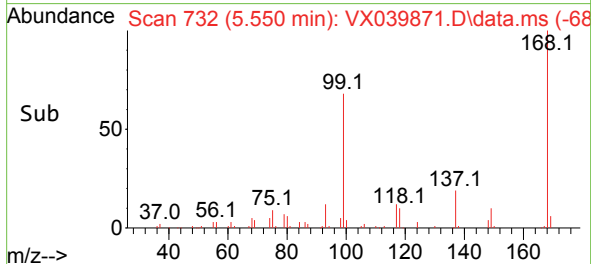


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

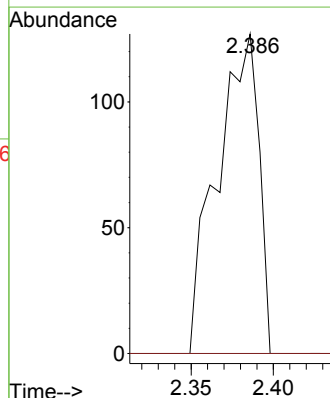
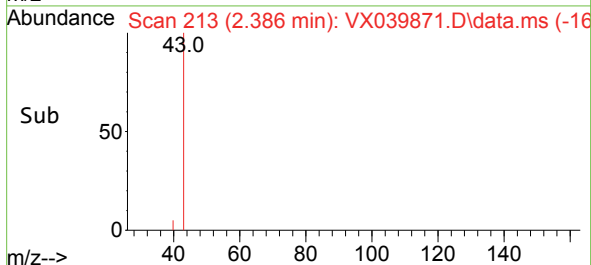
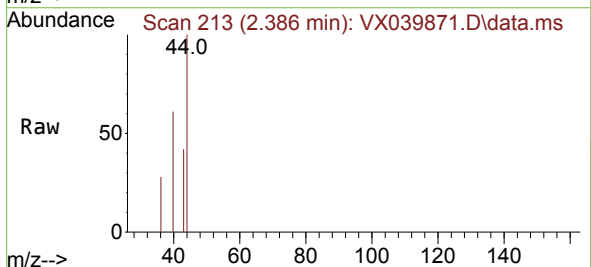


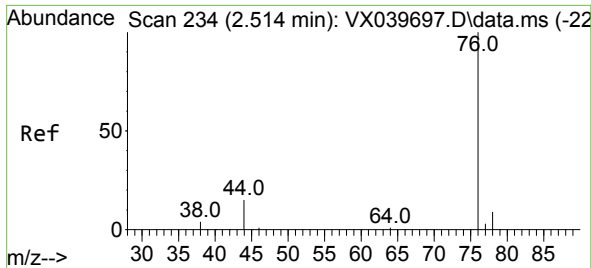
Tgt Ion:168 Resp: 88108
Ion Ratio Lower Upper
168 100
99 68.2 56.6 85.0



#16
Acetone
Concen: 0.270 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

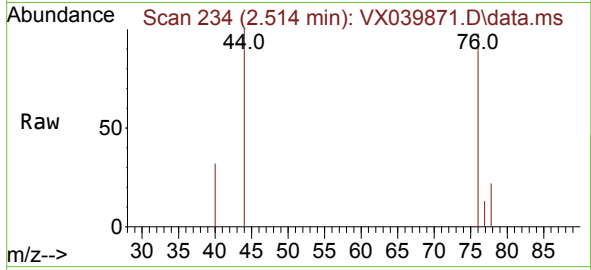
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



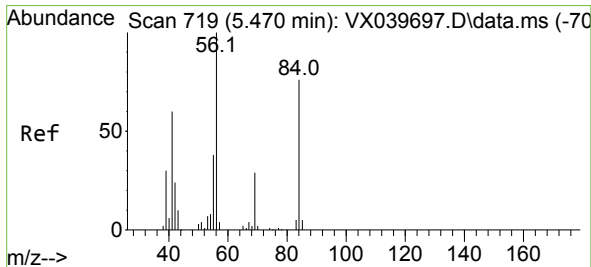
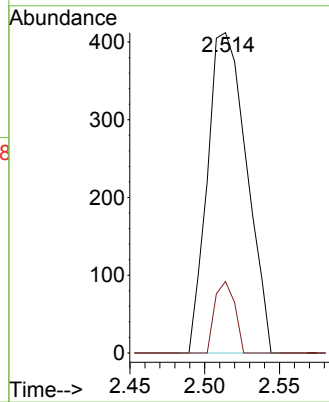
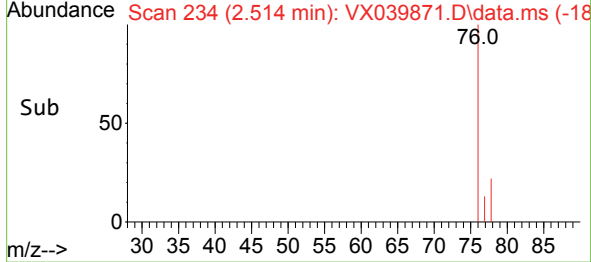


#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

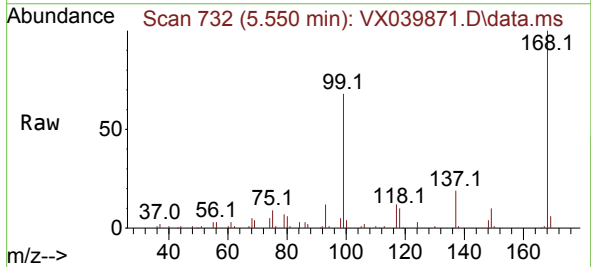
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01



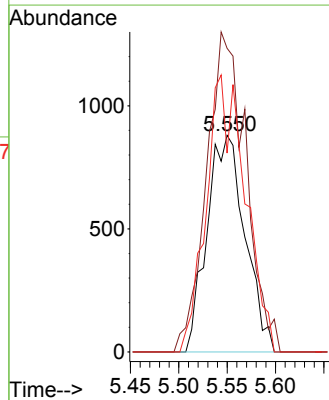
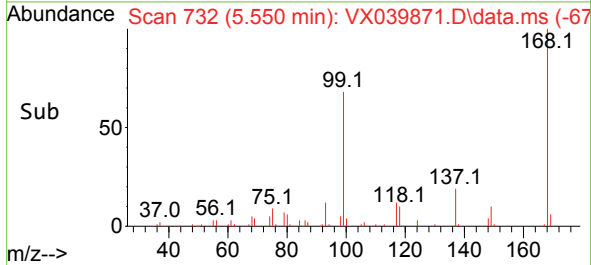
Tgt Ion: 76 Resp: 752
Ion Ratio Lower Upper
76 100
78 22.3 7.0 10.6#

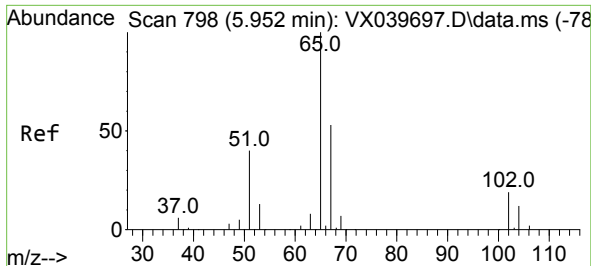


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24



Tgt Ion: 56 Resp: 2412
Ion Ratio Lower Upper
56 100
69 140.2 23.4 35.2#
84 91.8 65.9 98.9

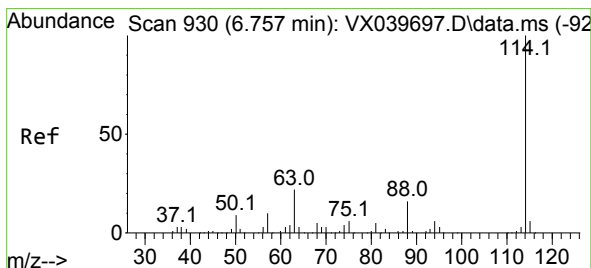
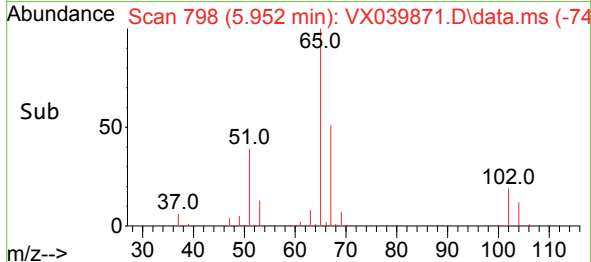
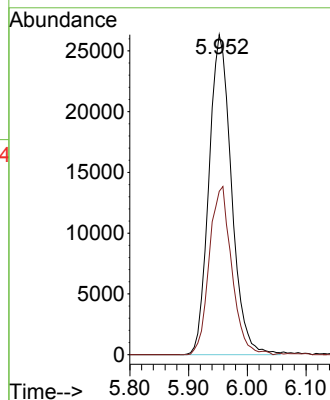
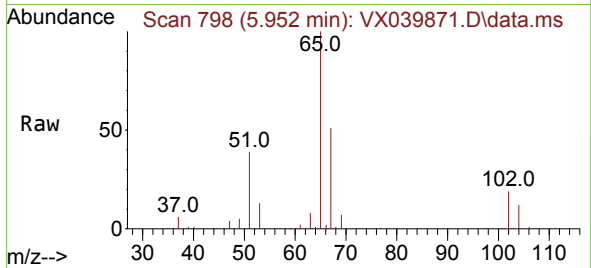




#33
1,2-Dichloroethane-d4
Concen: 47.665 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

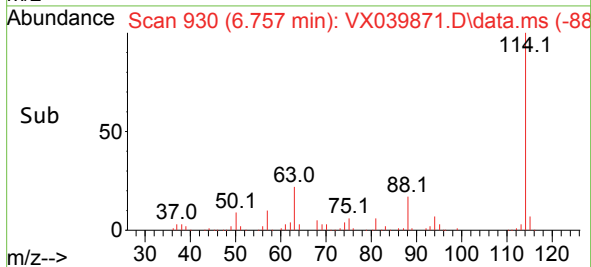
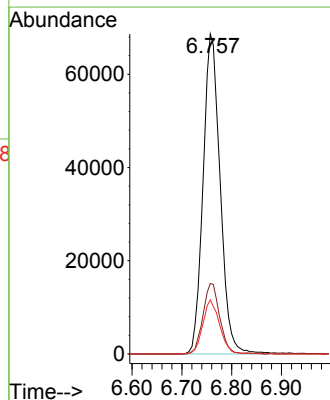
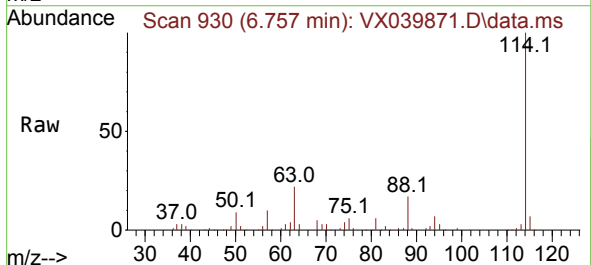
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

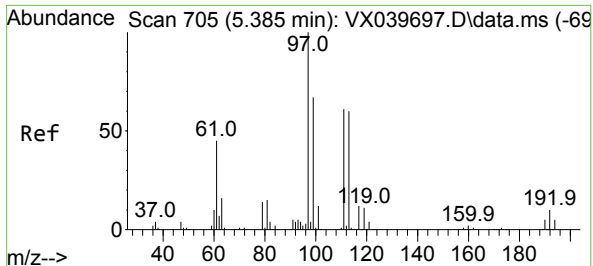
Tgt Ion: 65 Resp: 70350
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Tgt Ion: 114 Resp: 163423
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.9 0.0 36.6

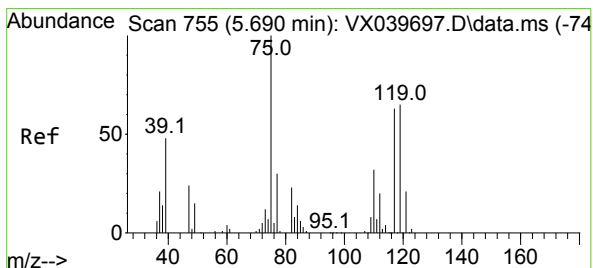
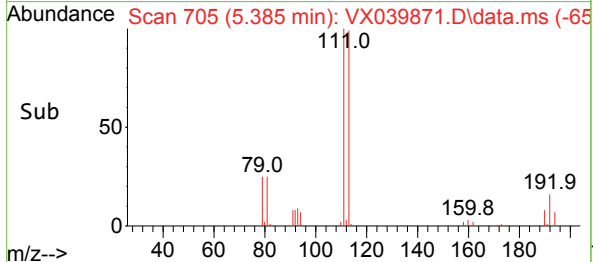
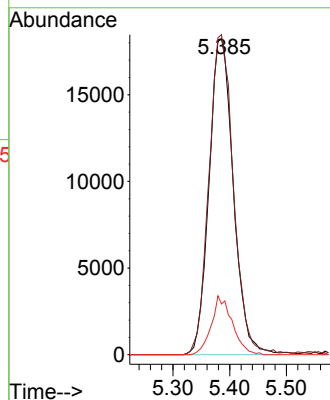
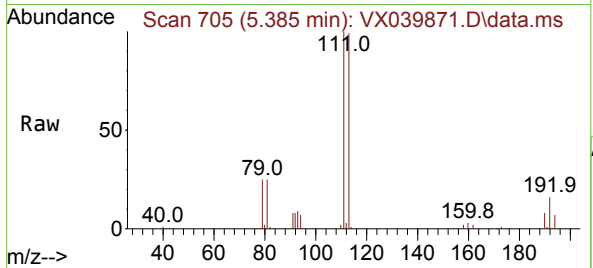




#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

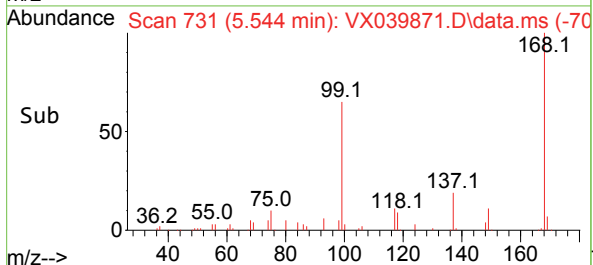
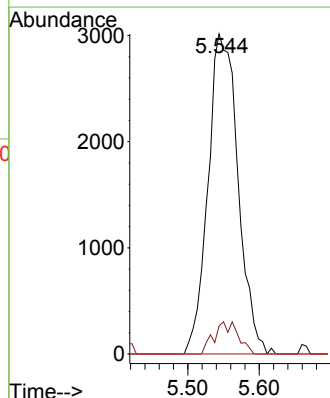
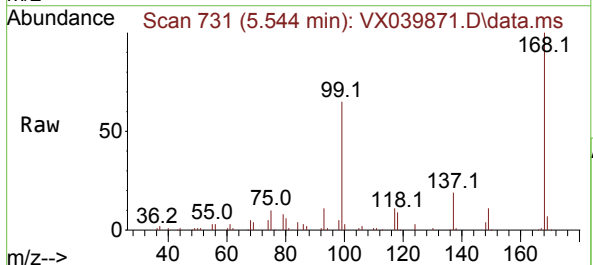
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

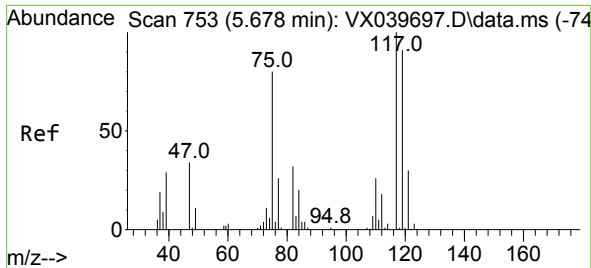
Tgt Ion:113 Resp: 54212
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.129 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

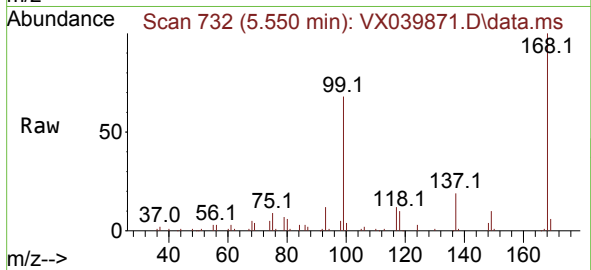
Tgt Ion: 75 Resp: 8788
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



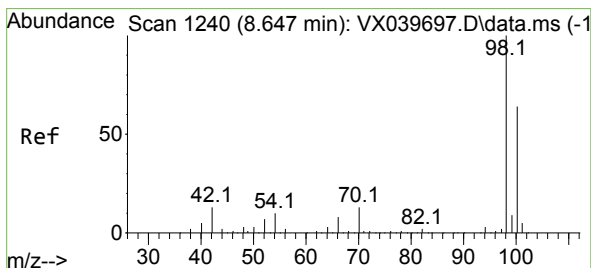
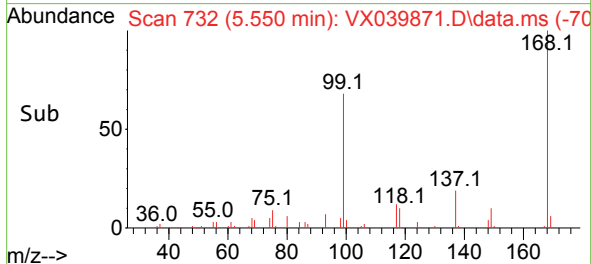
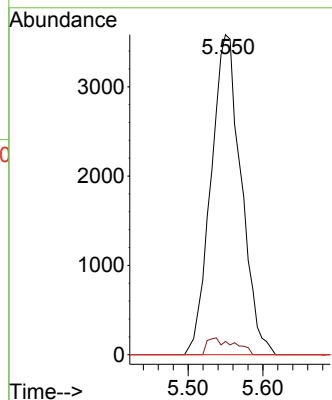


#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

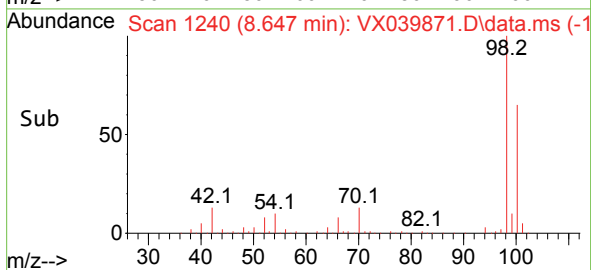
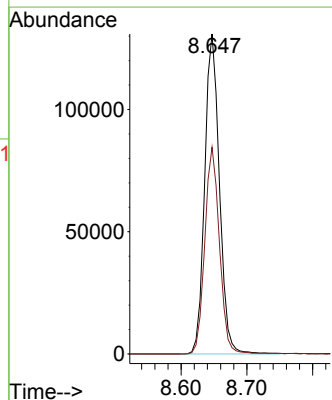
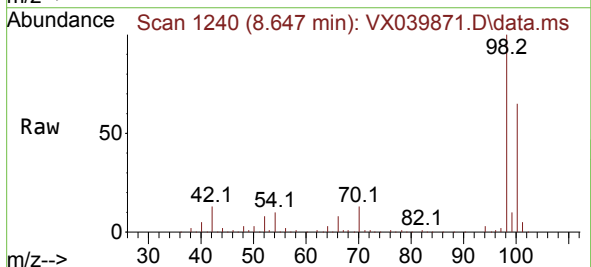


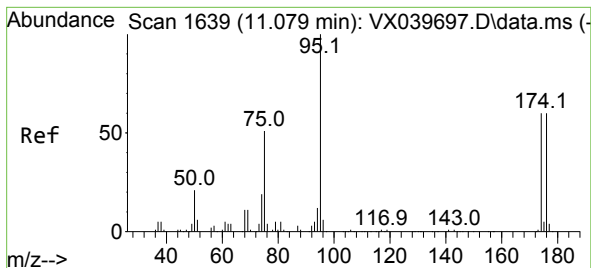
Tgt Ion:117 Resp: 10039
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.096 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Tgt Ion: 98 Resp: 203820
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

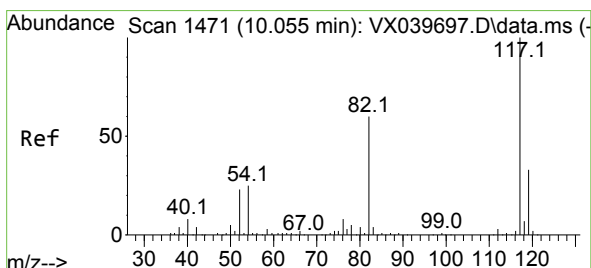
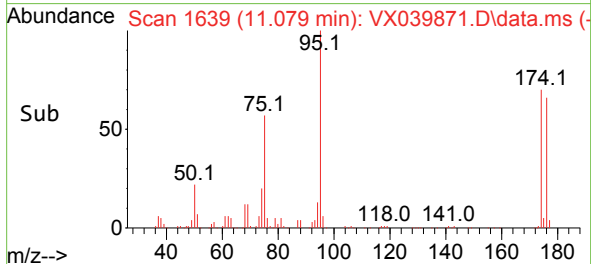
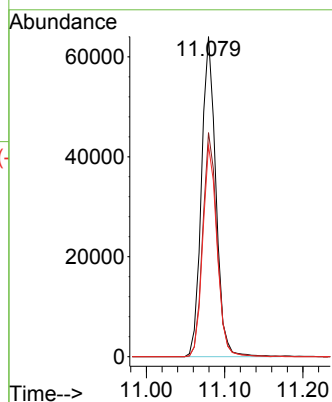
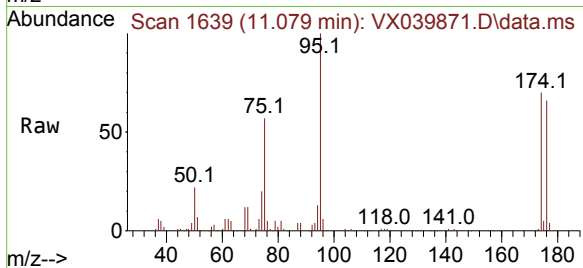




#62
4-Bromofluorobenzene
Concen: 50.352 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

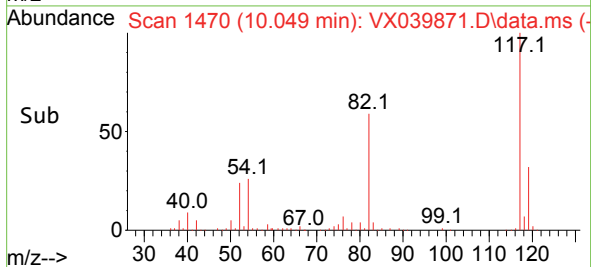
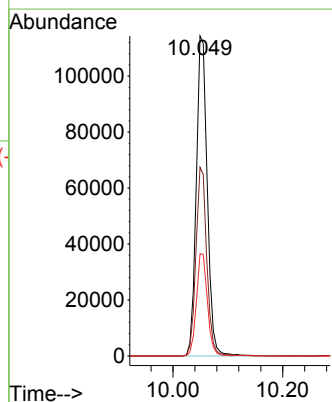
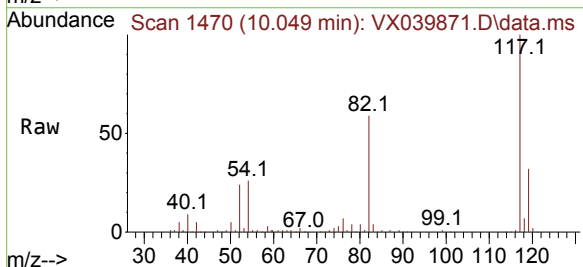
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VX0122WBL01

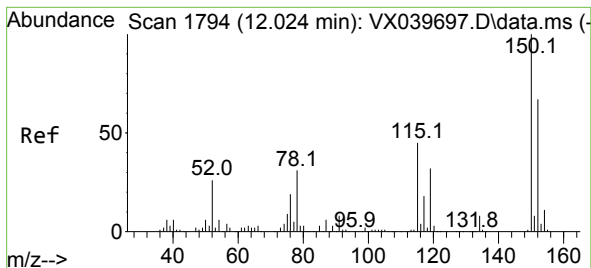
Tgt Ion: 95 Resp: 81743
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Tgt Ion: 117 Resp: 160381
Ion Ratio Lower Upper
117 100
82 59.0 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: VX039871.D

Acq: 22 Jan 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

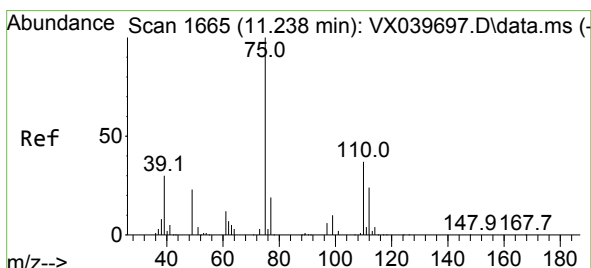
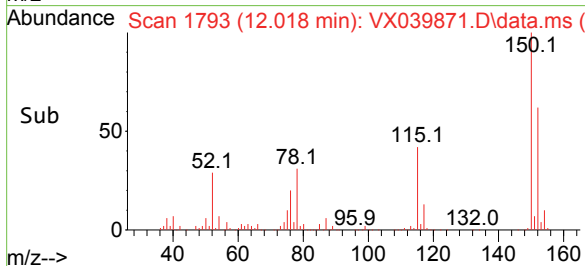
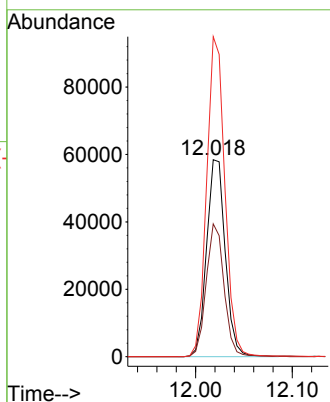
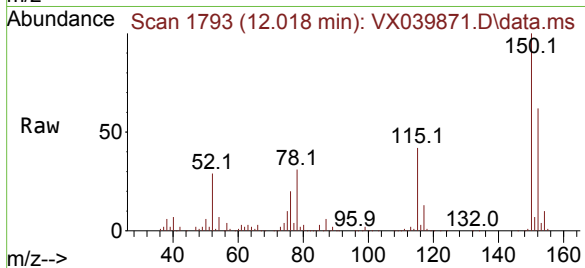
Tgt Ion:152 Resp: 78479

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 158.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.499 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039871.D

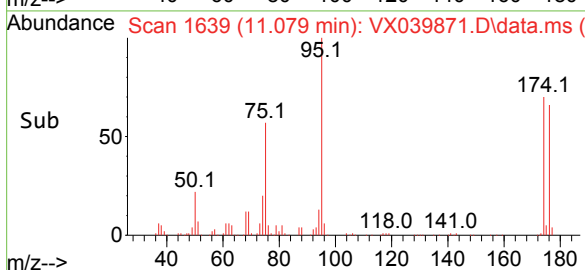
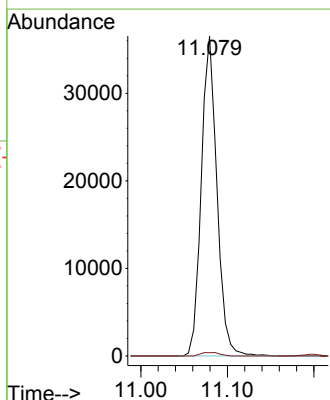
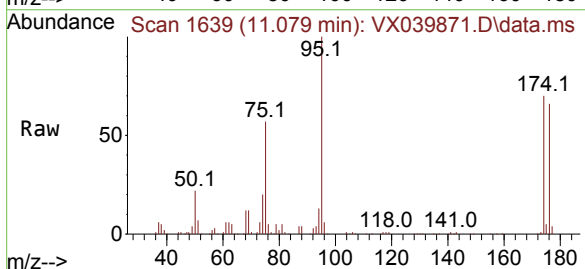
Acq: 22 Jan 2024 10:24

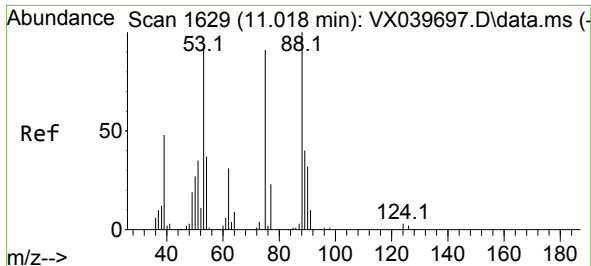
Tgt Ion: 75 Resp: 45777

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

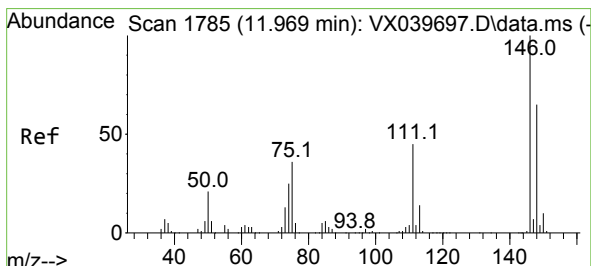
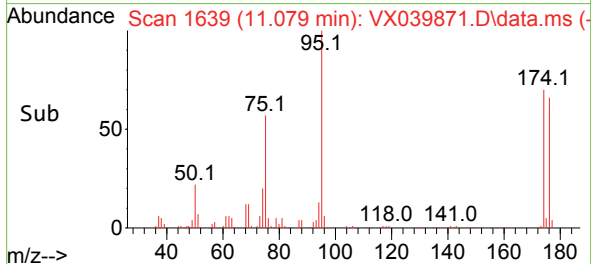
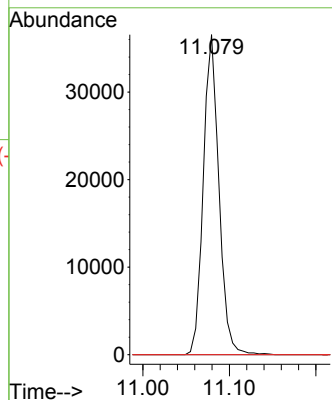
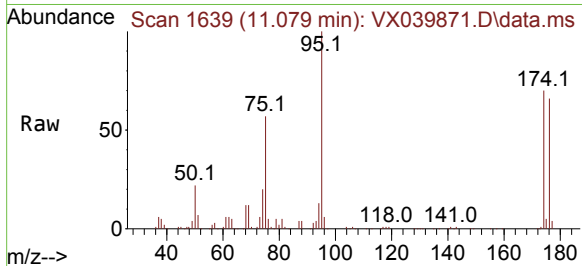




#81
trans-1,4-Dichloro-2-butene
Concen: 65.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

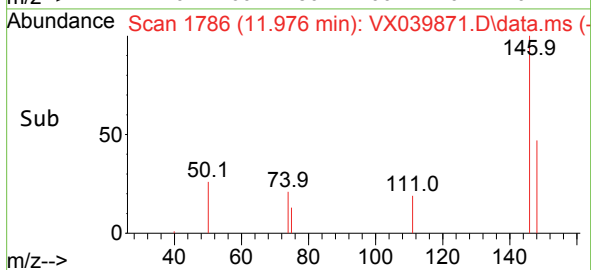
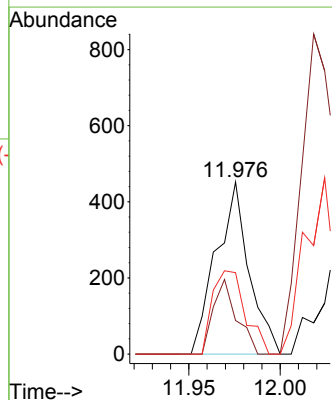
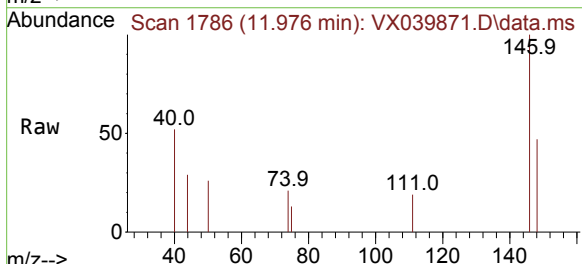
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

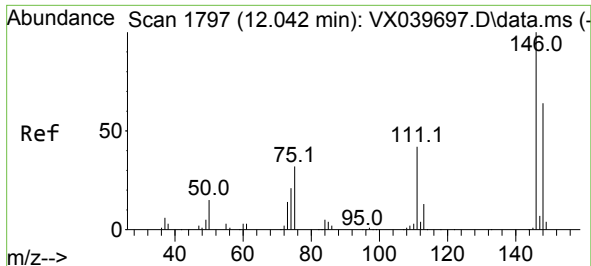
Tgt Ion: 75 Resp: 45777
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.211 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

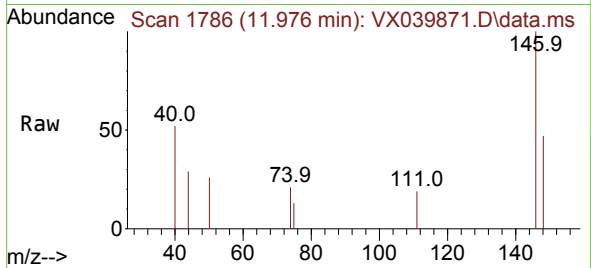
Tgt Ion:146 Resp: 564
Ion Ratio Lower Upper
146 100
111 31.0 22.1 66.1
148 48.6 31.8 95.3



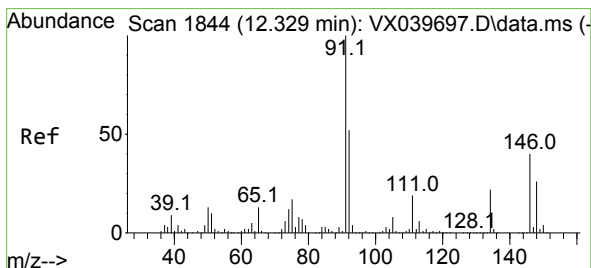
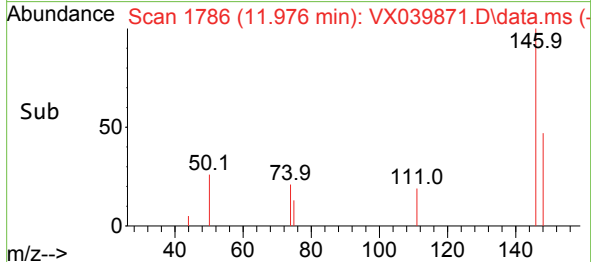
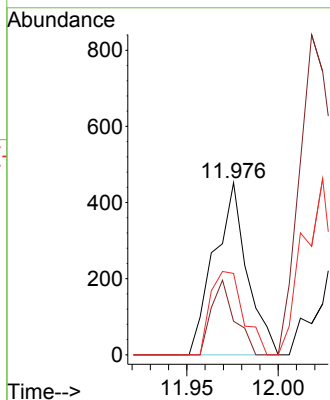


#88
1,4-Dichlorobenzene
Concen: 0.205 ug/l
RT: 11.976 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

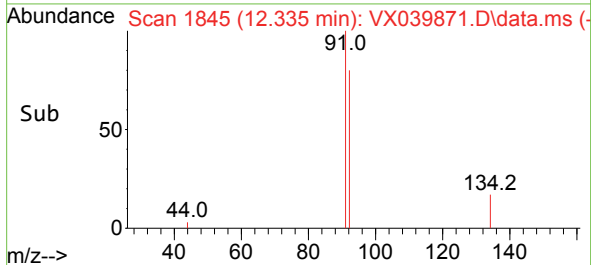
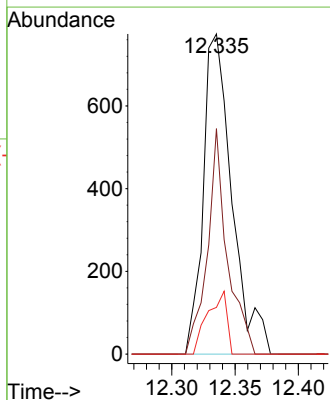
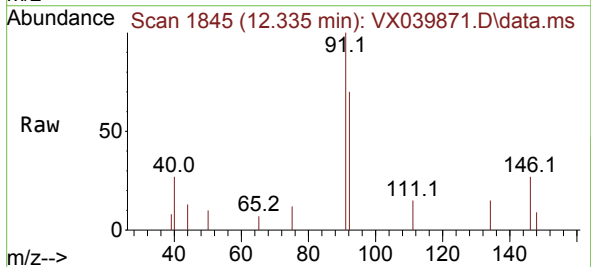


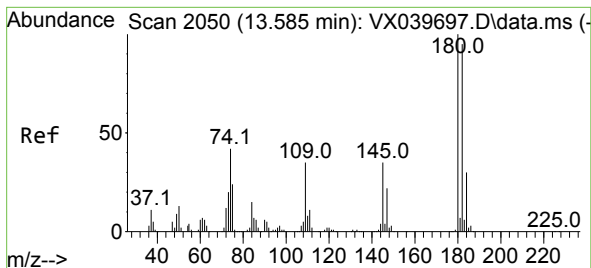
Tgt Ion:146 Resp: 564
Ion Ratio Lower Upper
146 100
111 31.0 21.3 63.7
148 48.6 31.8 95.4



#89
n-Butylbenzene
Concen: 0.240 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039871.D
Acq: 22 Jan 2024 10:24

Tgt Ion: 91 Resp: 1219
Ion Ratio Lower Upper
91 100
92 48.6 27.4 82.0
134 13.2 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.451 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039871.D

Acq: 22 Jan 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

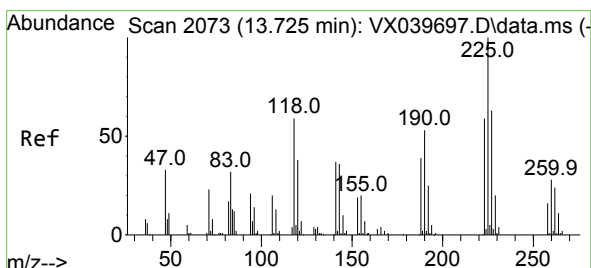
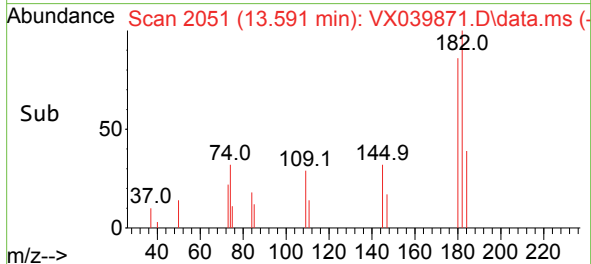
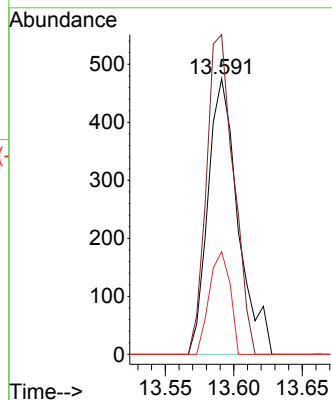
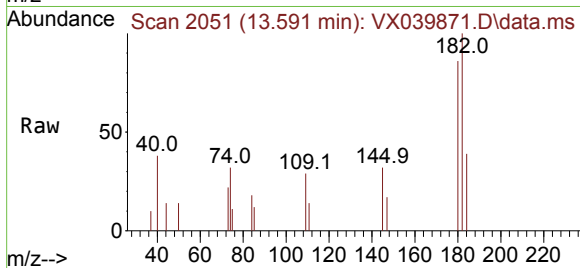
Tgt Ion:180 Resp: 726

Ion Ratio Lower Upper

180 100

182 105.1 48.3 144.8

145 25.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.369 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039871.D

Acq: 22 Jan 2024 10:24

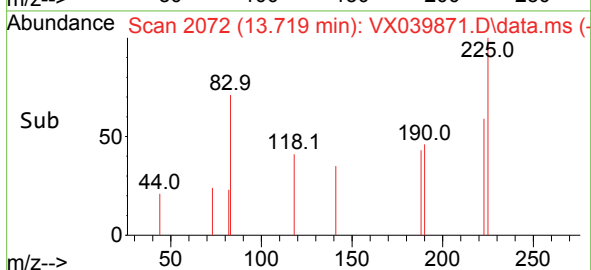
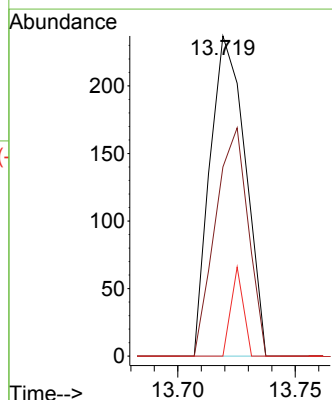
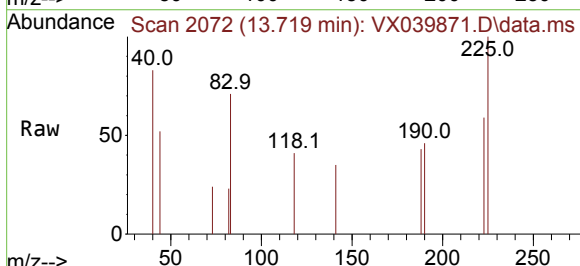
Tgt Ion:225 Resp: 247

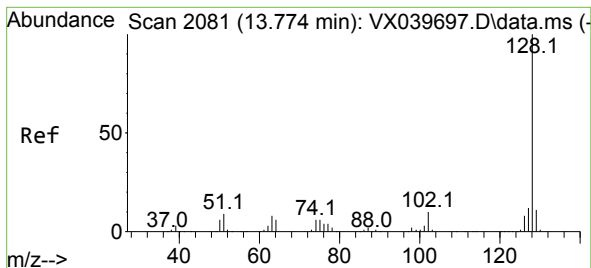
Ion Ratio Lower Upper

225 100

223 66.4 31.1 93.2

227 9.7 32.5 97.5#





#95

Naphthalene

Concen: 0.254 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039871.D

Acq: 22 Jan 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

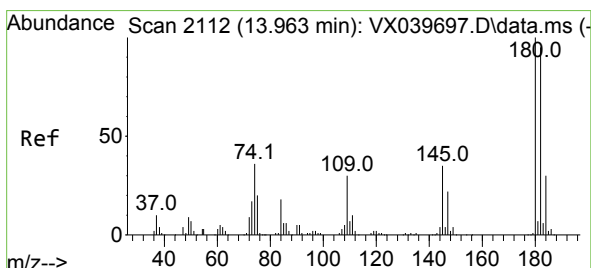
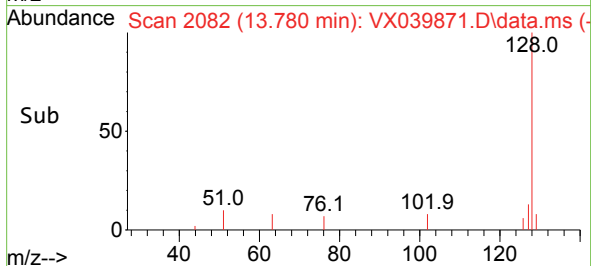
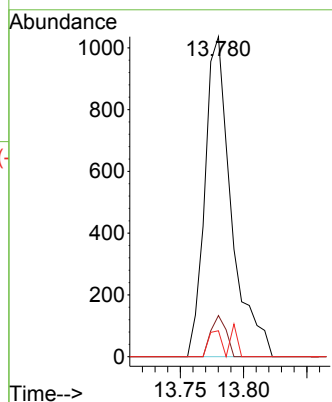
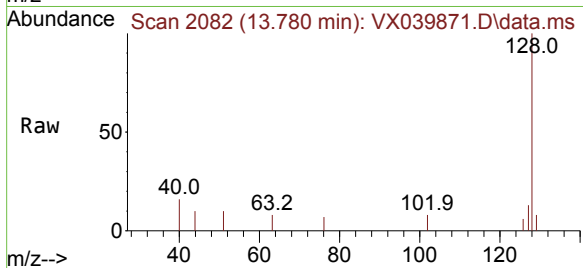
Tgt Ion:128 Resp: 1505

Ion Ratio Lower Upper

128 100

127 7.4 10.3 15.5#

129 4.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.309 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039871.D

Acq: 22 Jan 2024 10:24

Tgt Ion:180 Resp: 503

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 27.0 17.8 53.5

