

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040503.D
 Acq On : 28 Feb 2024 11:47
 Operator : JC/MD
 Sample : VX0228WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBL01

Quant Time: Feb 29 03:46:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

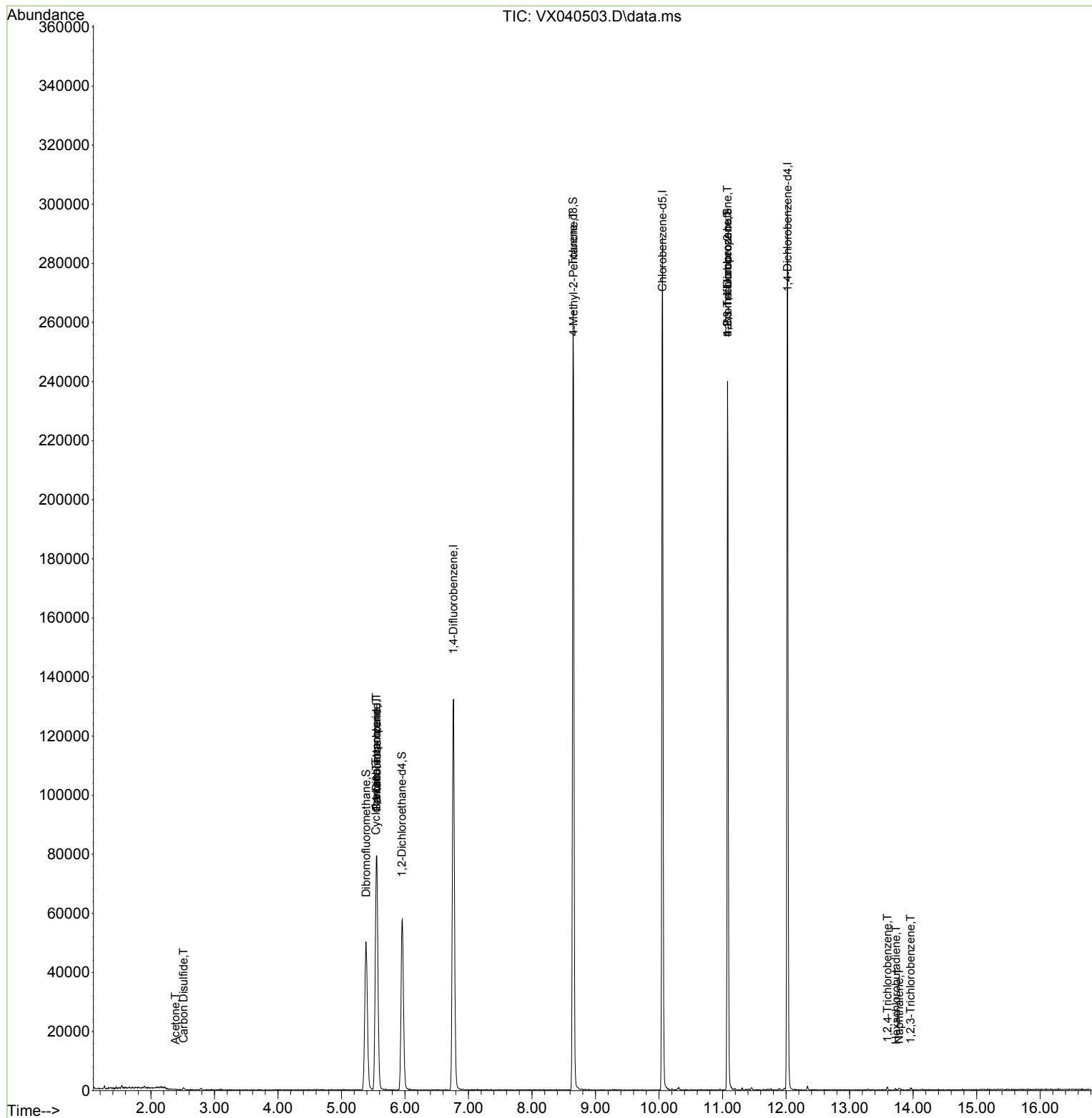
Internal Standards						
1) Pentafluorobenzene	5.556	168	71529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58526	48.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.840%		
35) Dibromofluoromethane	5.385	113	43155	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	154033	48.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.100%		
62) 4-Bromofluorobenzene	11.079	95	60627	50.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	157	0.402	ug/l #	47
17) Carbon Disulfide	2.514	76	825	0.366	ug/l #	76
31) Cyclohexane	5.544	56	2166	1.598	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	6488	4.818	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8064	6.199	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	917	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34302	26.383	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34302	76.705	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	394	0.309	ug/l #	84
94) Hexachlorobutadiene	13.731	225	105	0.201	ug/l #	36
95) Naphthalene	13.780	128	870	0.213	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.963	180	326	0.269	ug/l #	79

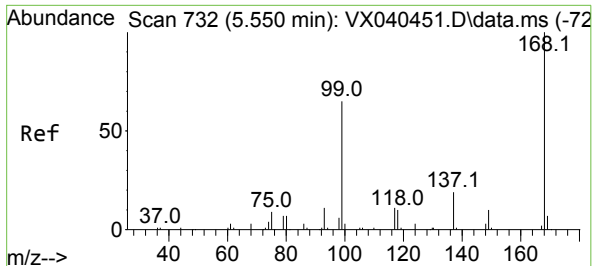
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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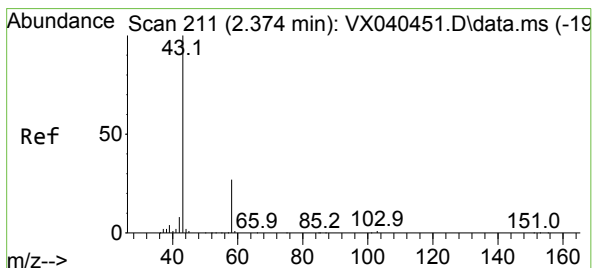
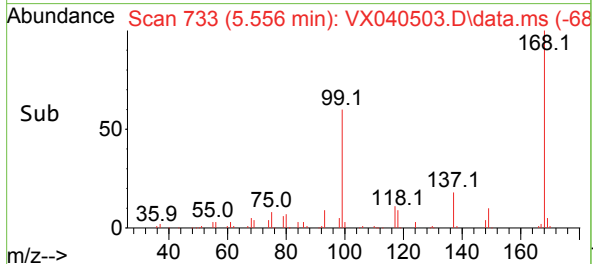
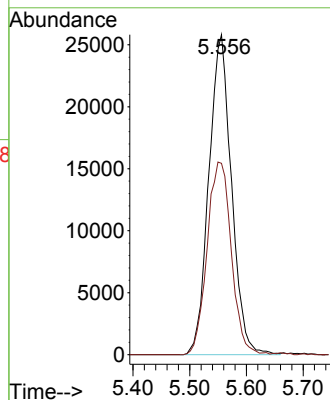
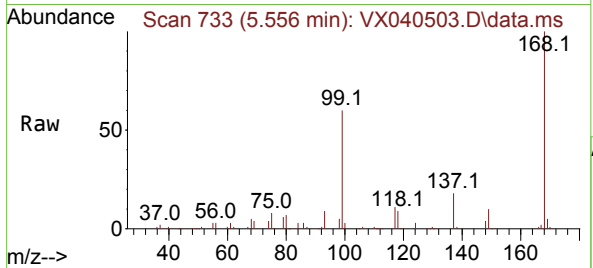




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

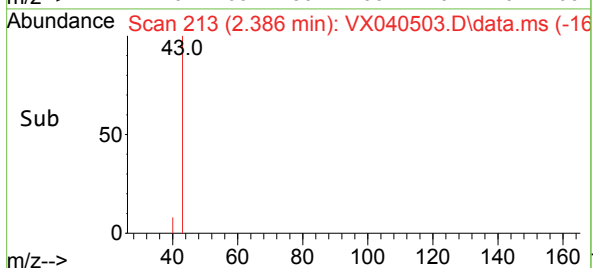
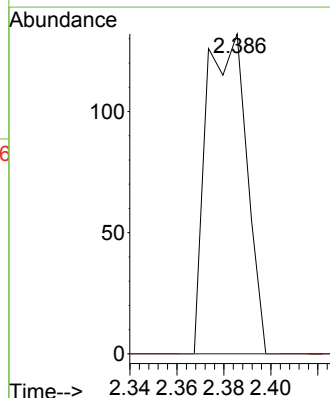
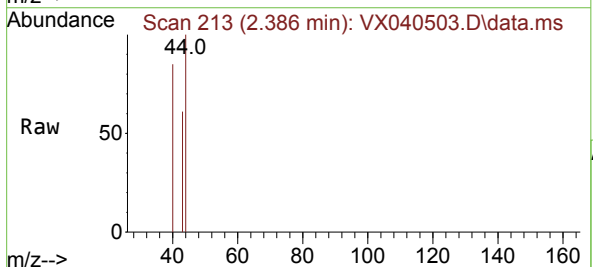
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

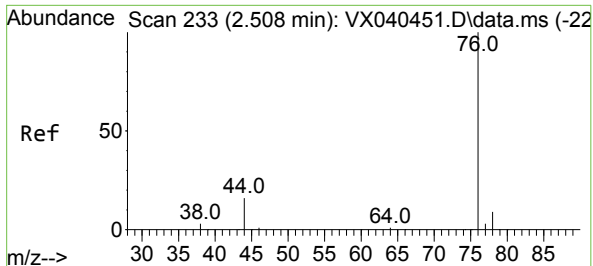
Tgt Ion:168 Resp: 71529
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#16
Acetone
Concen: 0.402 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

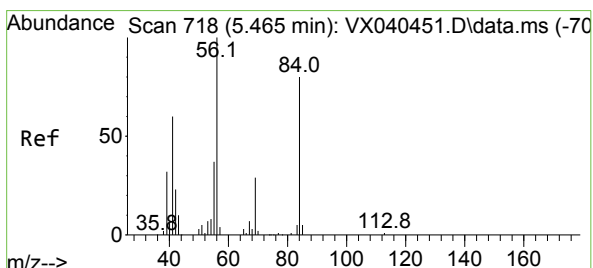
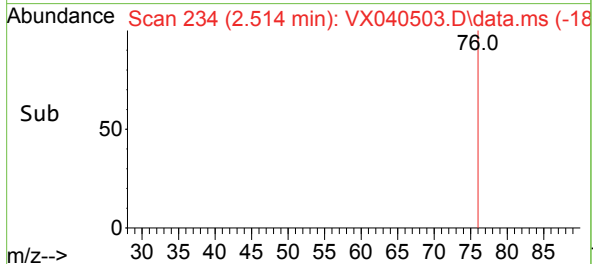
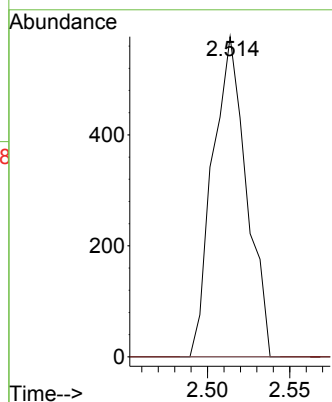
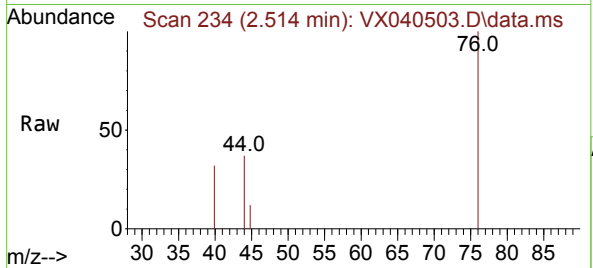




#17
Carbon Disulfide
Concen: 0.366 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

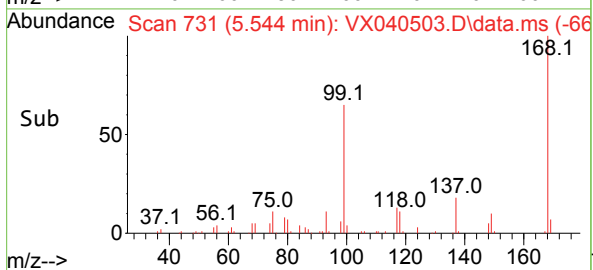
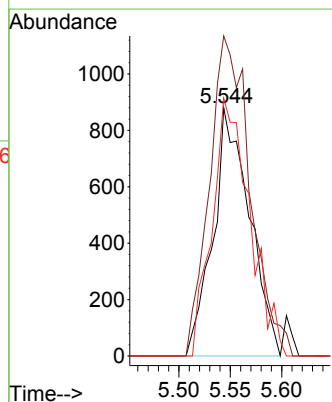
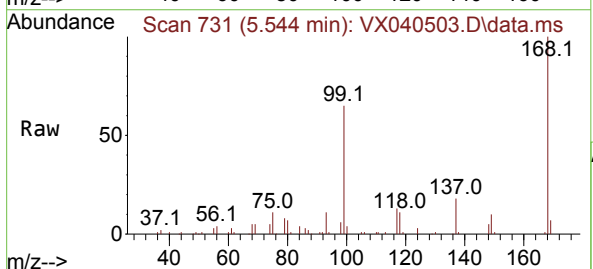
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

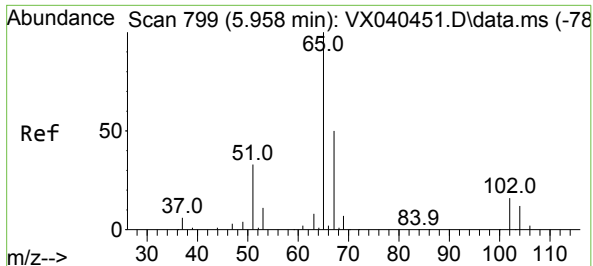
Tgt Ion: 76 Resp: 825
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.598 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 129.0 23.4 35.2#
84 103.9 65.9 98.9#

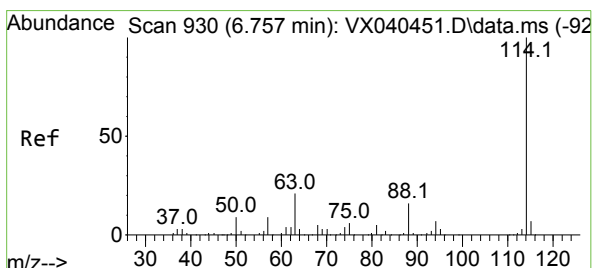
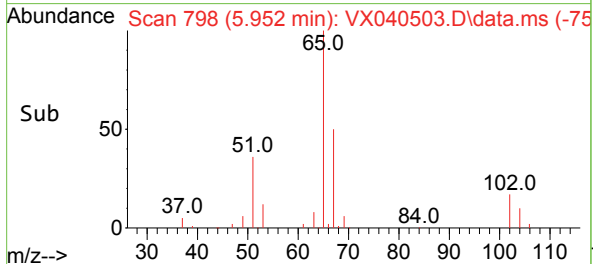
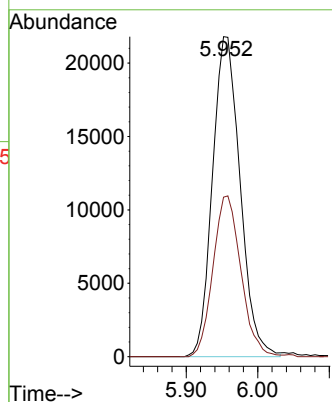
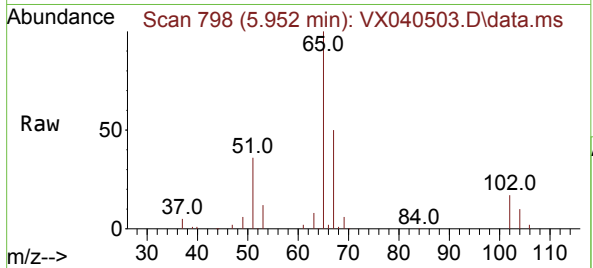




#33
1,2-Dichloroethane-d4
Concen: 48.920 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

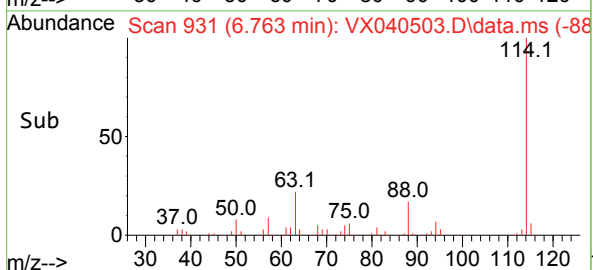
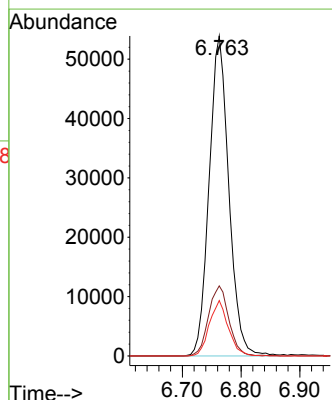
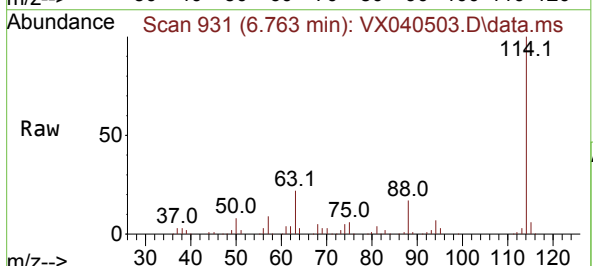
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

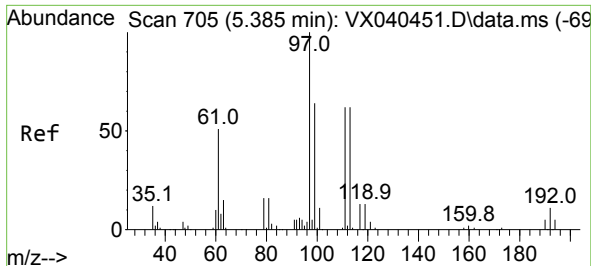
Tgt Ion: 65 Resp: 58526
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 114 Resp: 125691
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.3 0.0 36.6

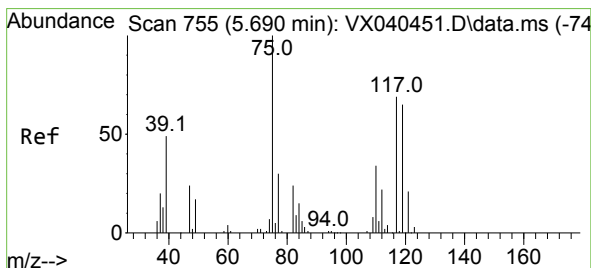
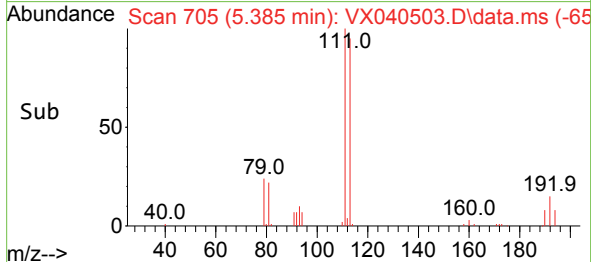
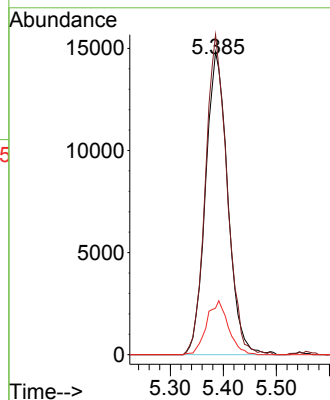
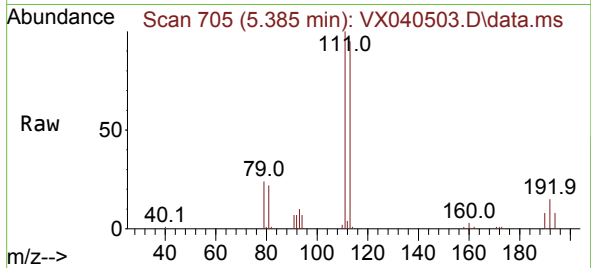




#35
Dibromofluoromethane
Concen: 49.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

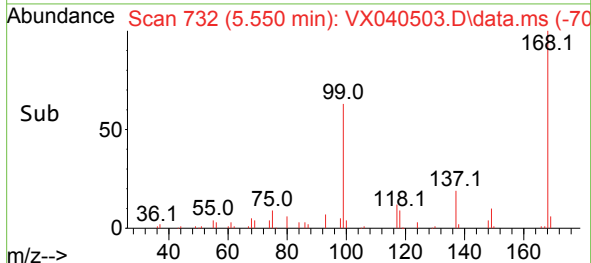
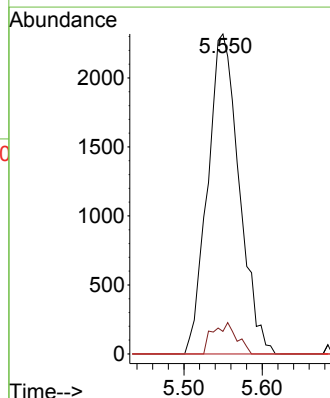
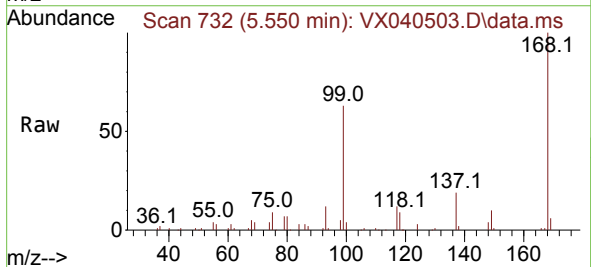
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

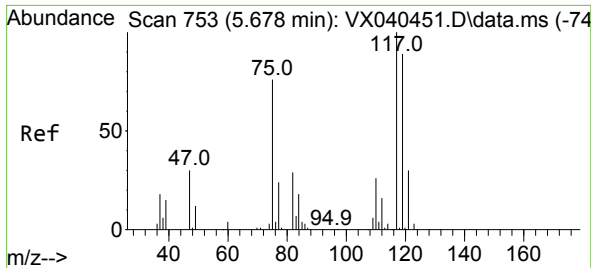
Tgt Ion:113 Resp: 43155
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 75 Resp: 6488
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#

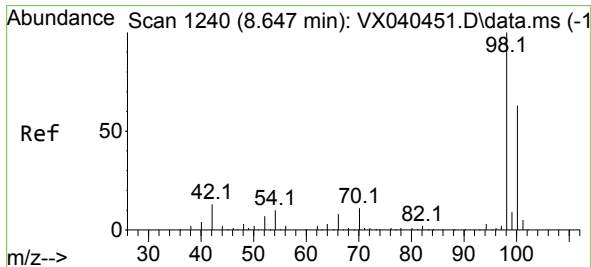
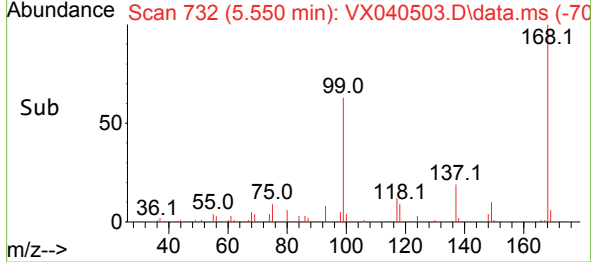
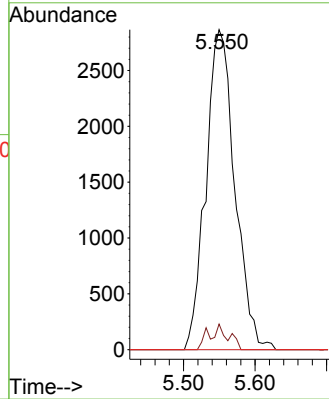
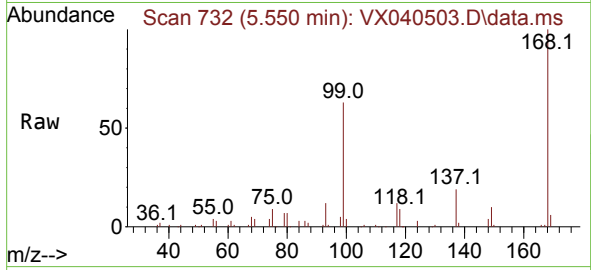




#38
Carbon Tetrachloride
Concen: 6.199 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

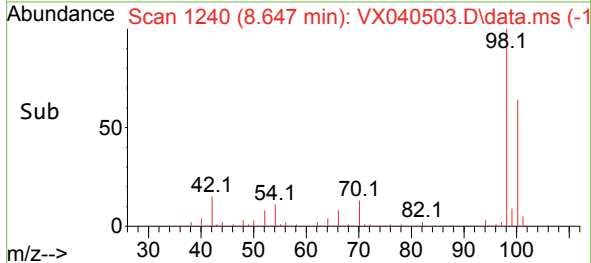
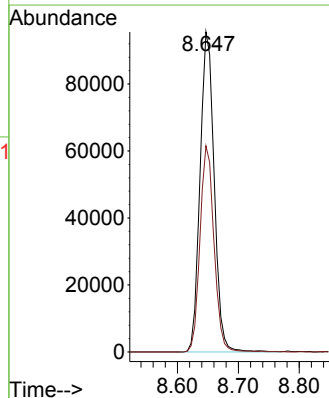
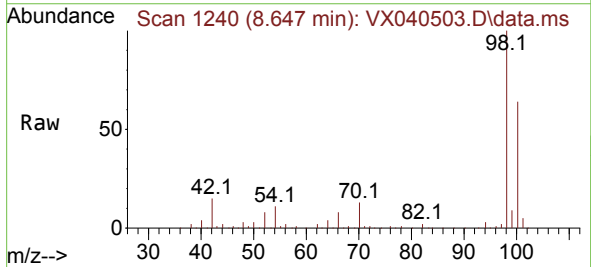
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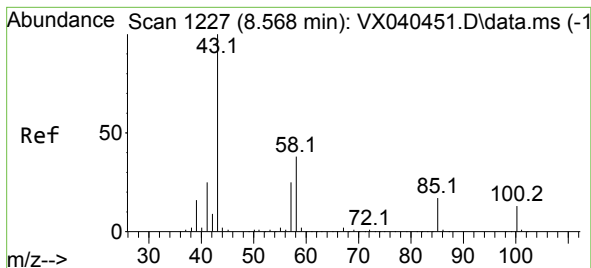
Tgt Ion:117 Resp: 8064
Ion Ratio Lower Upper
117 100
119 8.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.550 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 98 Resp: 154033
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

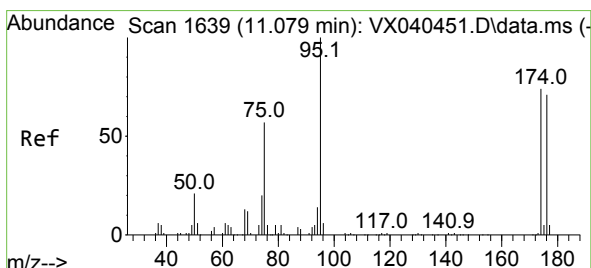
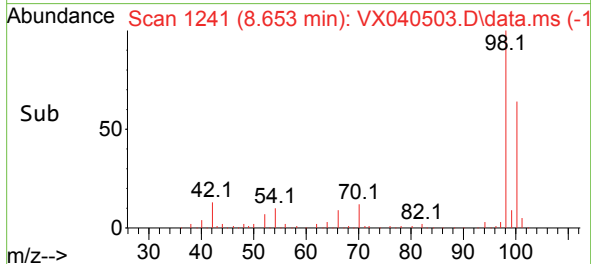
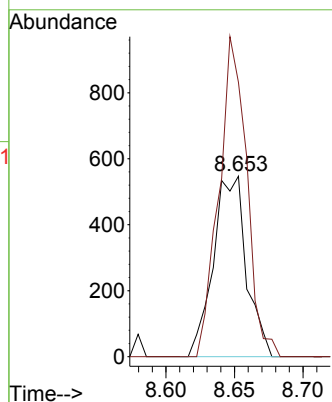
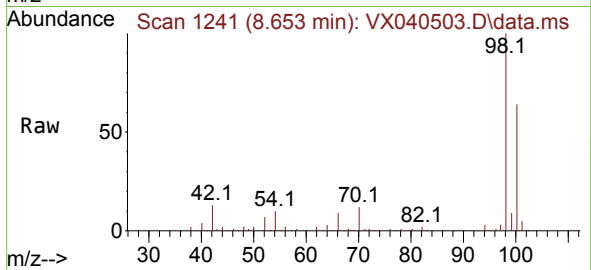




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.085 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

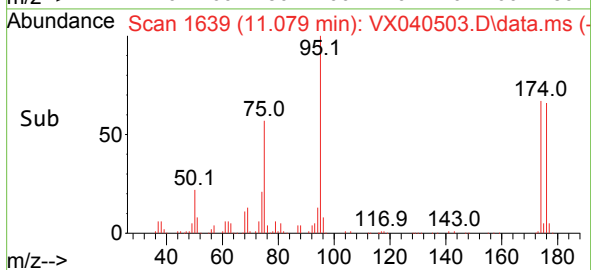
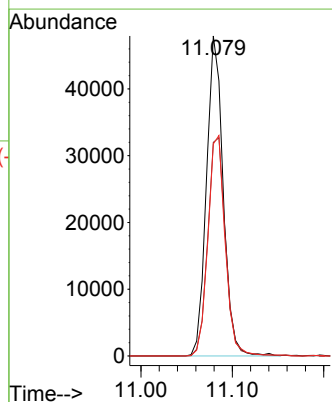
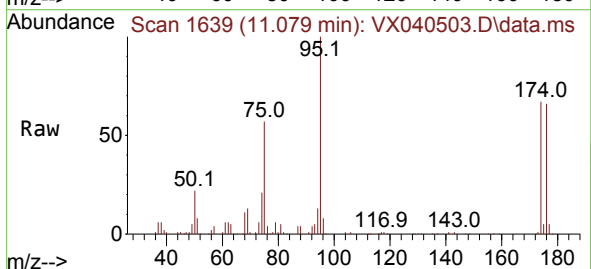
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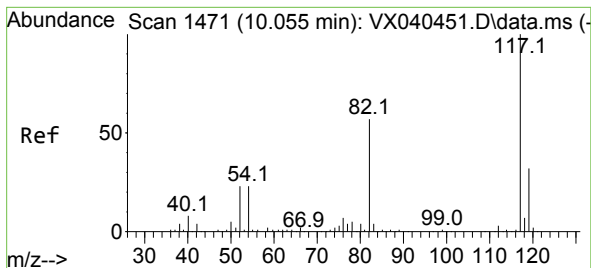
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 149.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion: 95 Resp: 60627
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.2 0.0 131.0

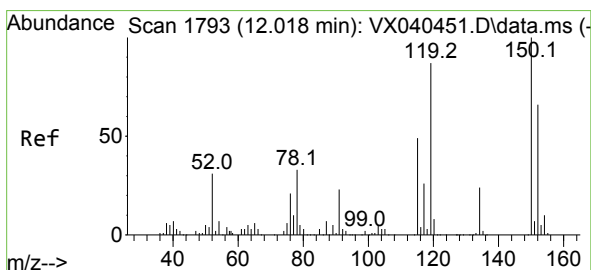
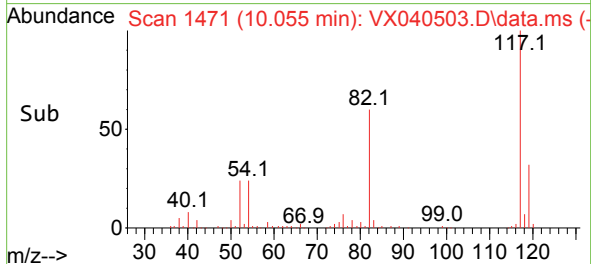
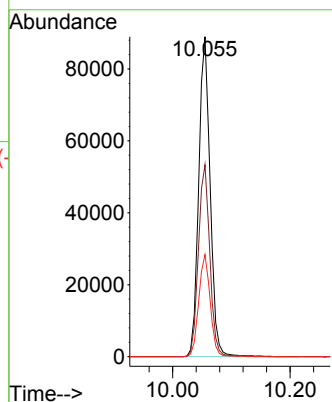
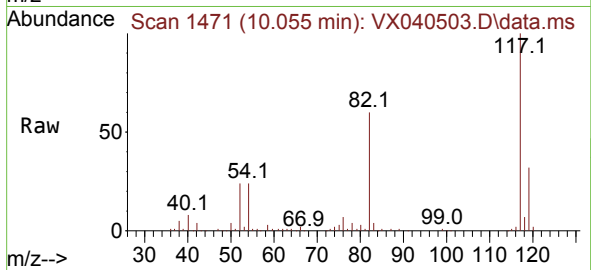




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

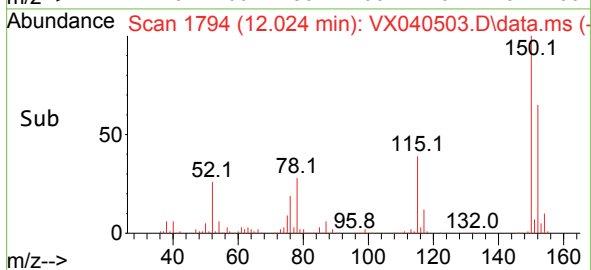
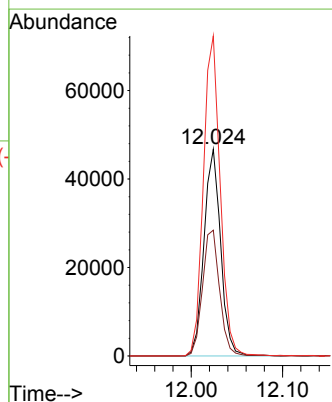
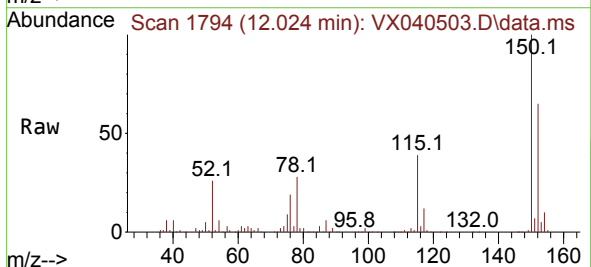
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

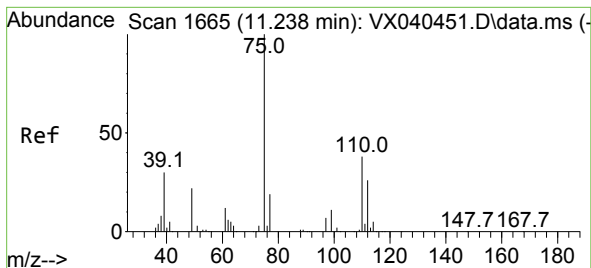
Tgt Ion:117 Resp: 120218
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040503.D
Acq: 28 Feb 2024 11:47

Tgt Ion:152 Resp: 59075
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.383 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040503.D

Acq: 28 Feb 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

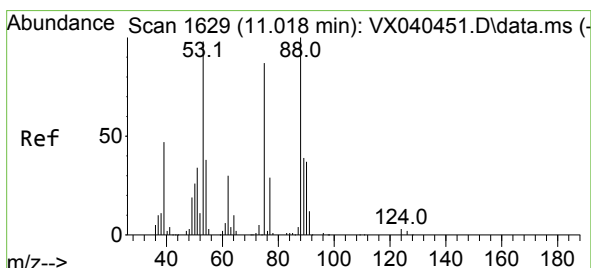
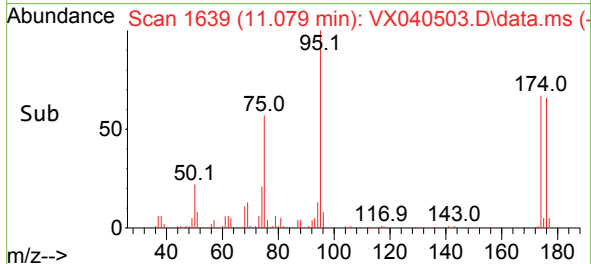
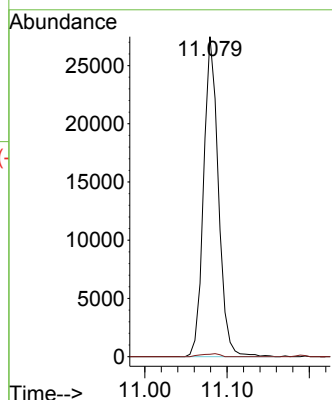
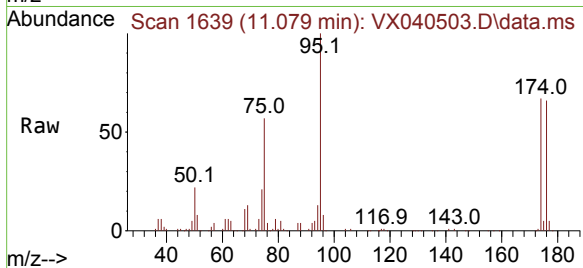
VX0228WBL01

Tgt Ion: 75 Resp: 34302

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.705 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040503.D

Acq: 28 Feb 2024 11:47

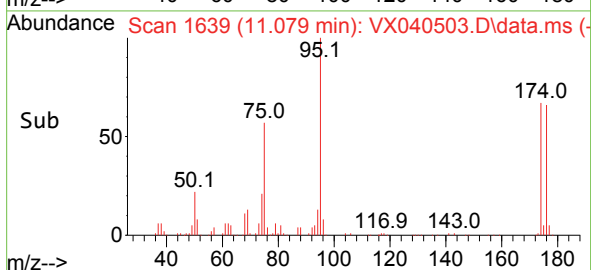
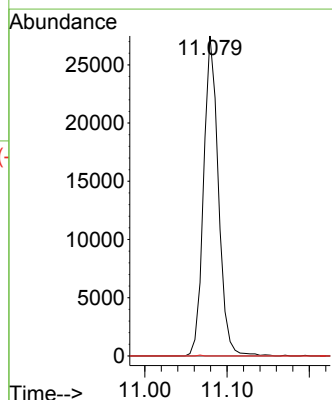
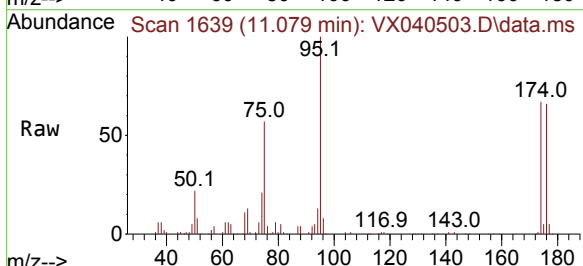
Tgt Ion: 75 Resp: 34302

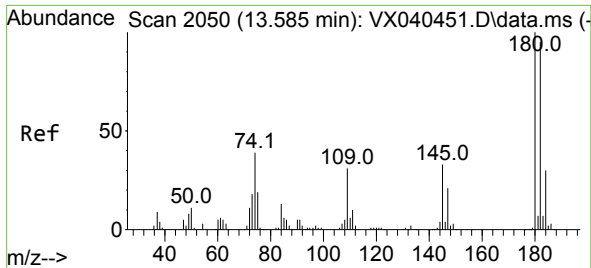
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

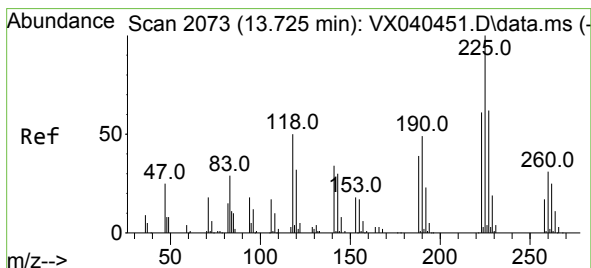
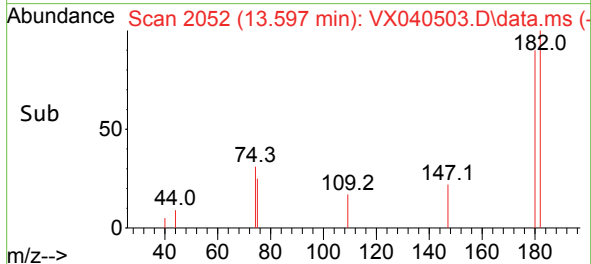
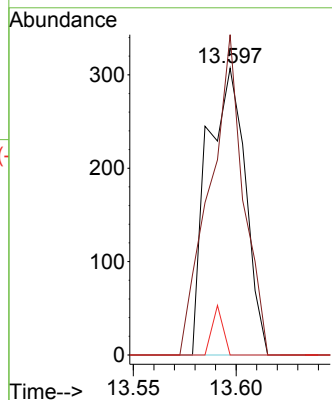
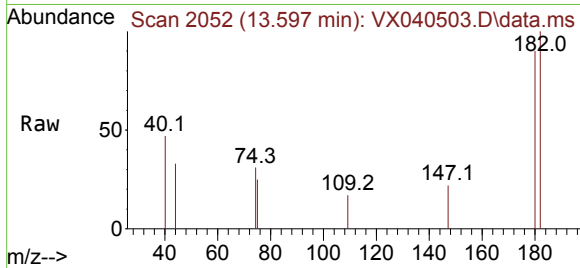




#93
 1,2,4-Trichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX040503.D
 Acq: 28 Feb 2024 11:47

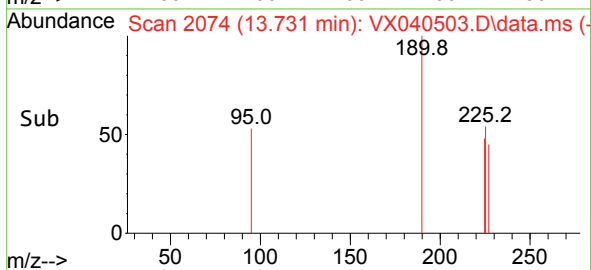
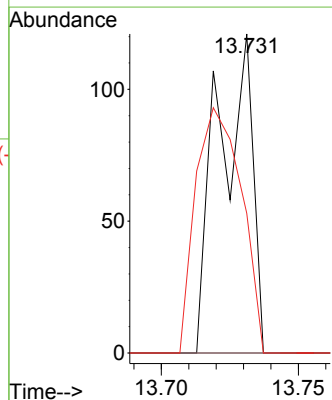
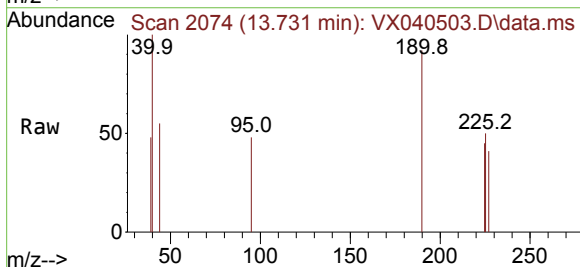
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBL01

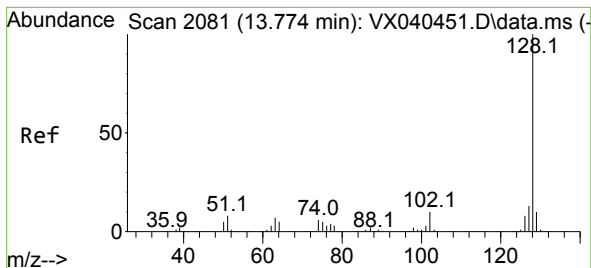
Tgt Ion:180 Resp: 394
 Ion Ratio Lower Upper
 180 100
 182 99.0 48.3 144.8
 145 4.8 18.0 54.0#



#94
 Hexachlorobutadiene
 Concen: 0.201 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX040503.D
 Acq: 28 Feb 2024 11:47

Tgt Ion:225 Resp: 105
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 102.9 32.5 97.5#





#95

Naphthalene

Concen: 0.213 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040503.D

Acq: 28 Feb 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBL01

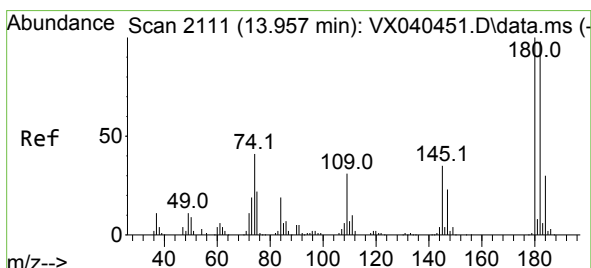
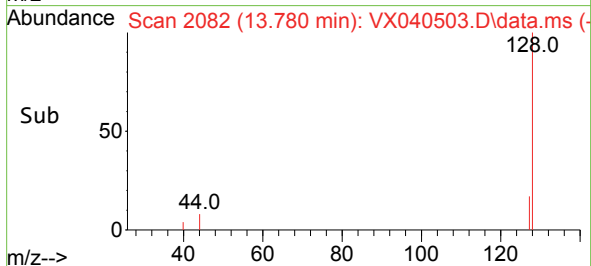
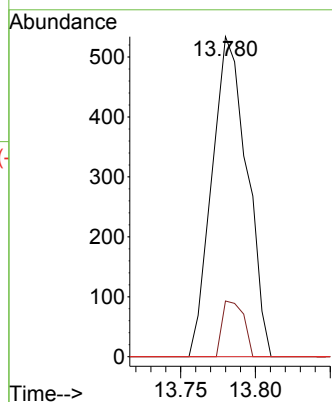
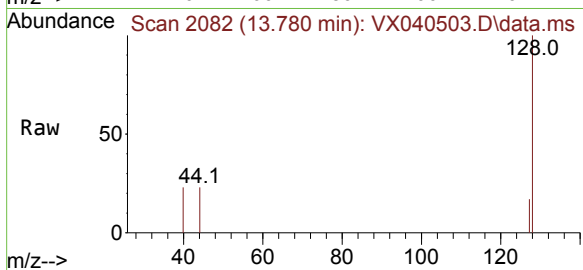
Tgt Ion:128 Resp: 870

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

129 0.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.269 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040503.D

Acq: 28 Feb 2024 11:47

Tgt Ion:180 Resp: 326

Ion Ratio Lower Upper

180 100

182 83.7 46.9 140.6

145 7.1 17.8 53.5#

