

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040224.D
 Acq On : 14 Feb 2024 16:41
 Operator : JC/MD
 Sample : P1394-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB020624

Quant Time: Feb 15 00:04:57 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)

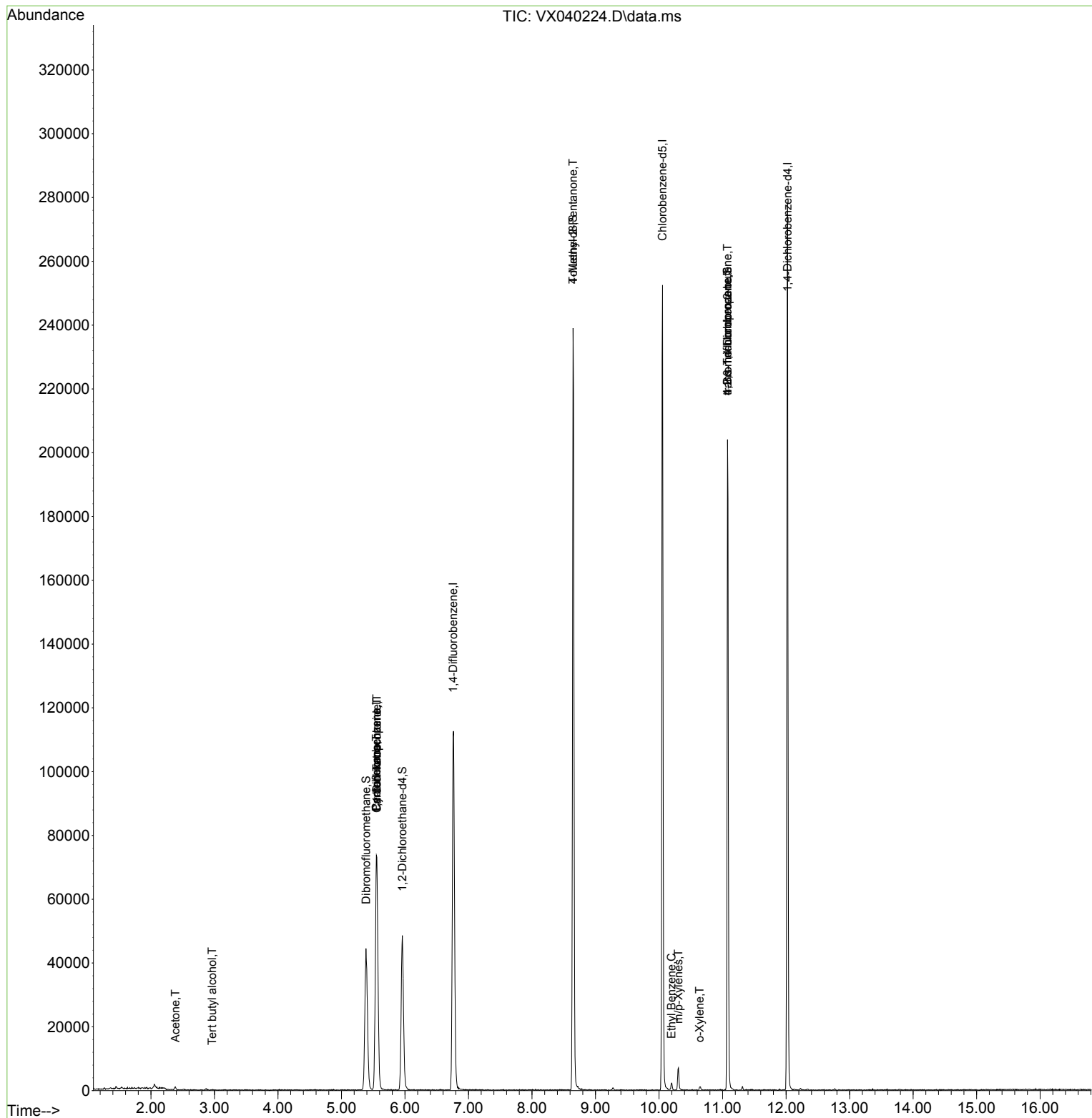
Internal Standards						
1) Pentafluorobenzene	5.550	168	70846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	117552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45614	43.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.560%		
35) Dibromofluoromethane	5.385	113	37572	45.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.647	98	142347	46.355	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.700%		
62) 4-Bromofluorobenzene	11.079	95	55366	44.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.420%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	111	0.541	ug/l	# 78
16) Acetone	2.386	43	960	2.218	ug/l	91
31) Cyclohexane	5.550	56	1582	1.258	ug/l	# 8
36) 1,1-Dichloropropene	5.556	75	5402	4.698	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	7311	6.687	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	670	0.491	ug/l	# 1
67) Ethyl Benzene	10.195	91	1746	0.417	ug/l	89
68) m/p-Xylenes	10.305	106	1961	1.241	ug/l	93
69) o-Xylene	10.640	106	366	0.238	ug/l	66
76) 1,2,3-Trichloropropane	11.079	75	28579	24.183	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	28579	66.638	ug/l	# 5

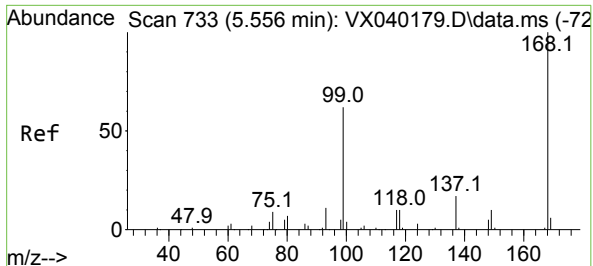
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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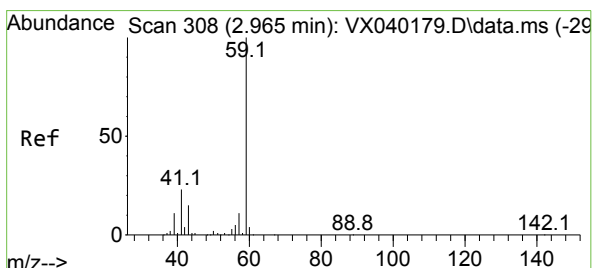
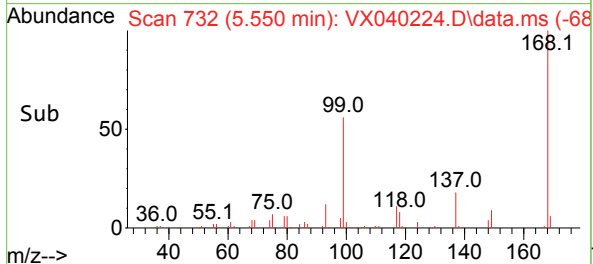
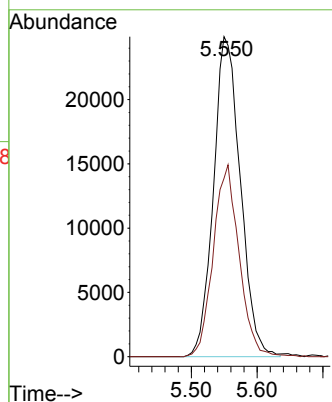
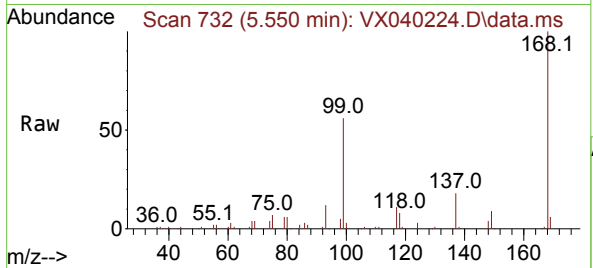




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

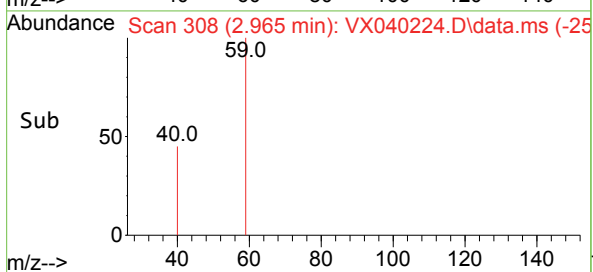
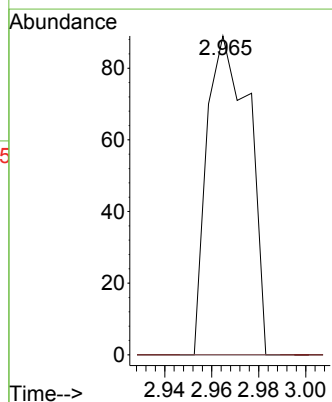
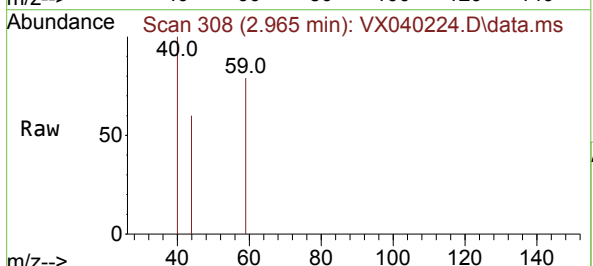
Instrument :
MSVOA_X
ClientSampleId :
TB020624

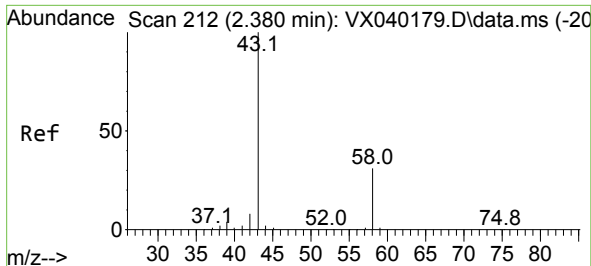
Tgt Ion:168 Resp: 70846
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

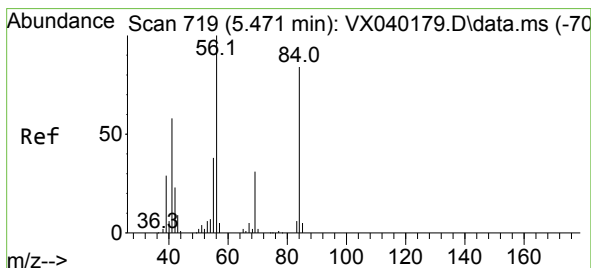
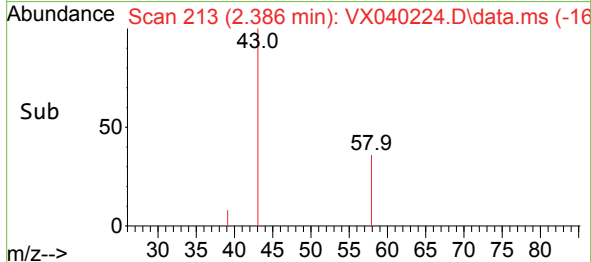
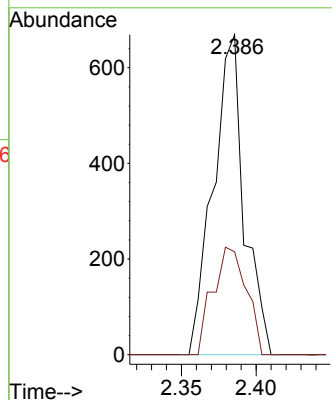
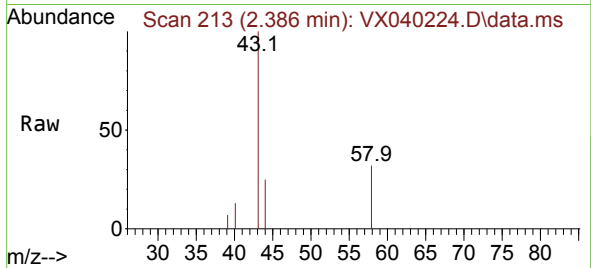




#16
Acetone
Concen: 2.218 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

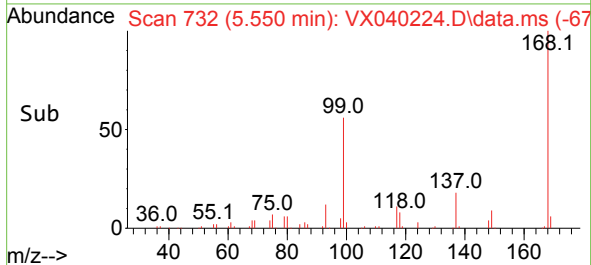
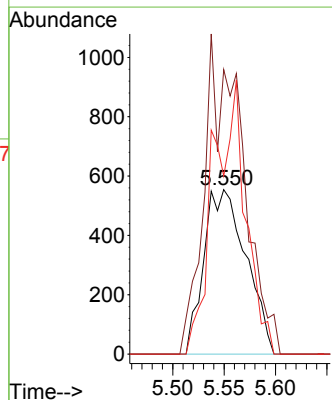
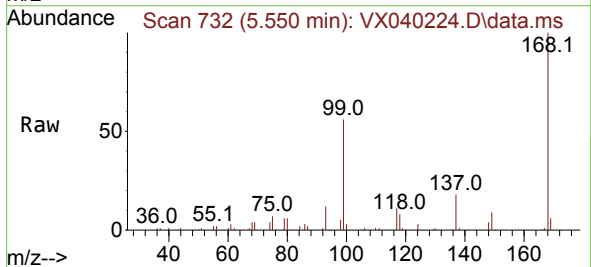
Instrument :
MSVOA_X
ClientSampleId :
TB020624

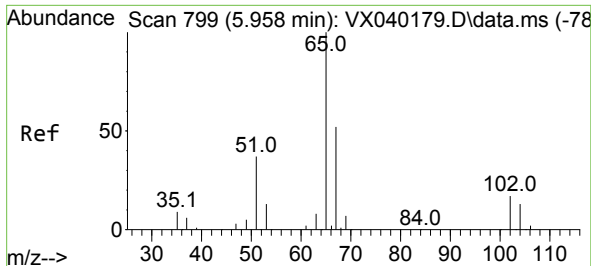
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

Tgt Ion: 56 Resp: 1582
Ion Ratio Lower Upper
56 100
69 173.1 23.4 35.2#
84 108.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.278 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040224.D

Acq: 14 Feb 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :

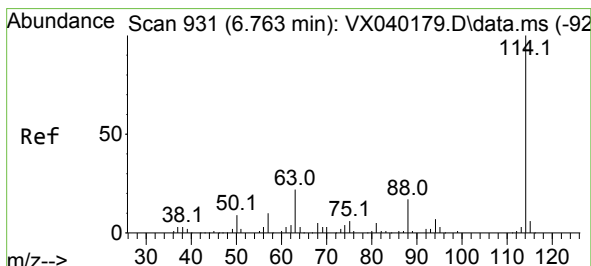
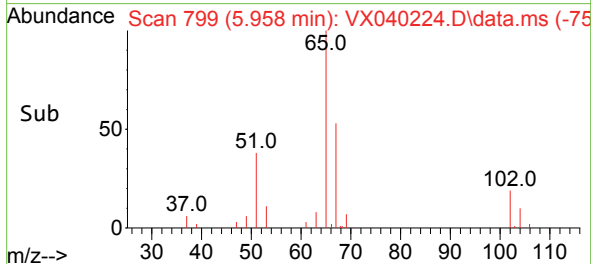
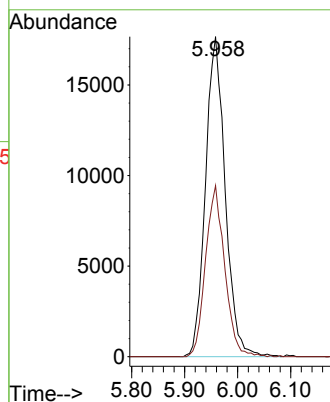
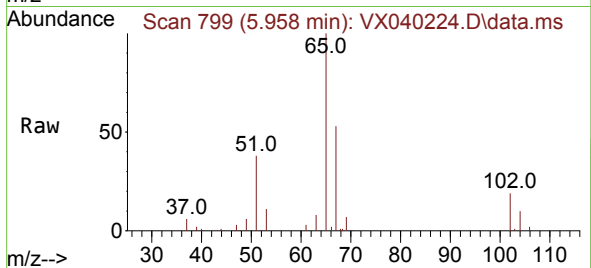
TB020624

Tgt Ion: 65 Resp: 45614

Ion Ratio Lower Upper

65 100

67 52.1 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: VX040224.D

Acq: 14 Feb 2024 16:41

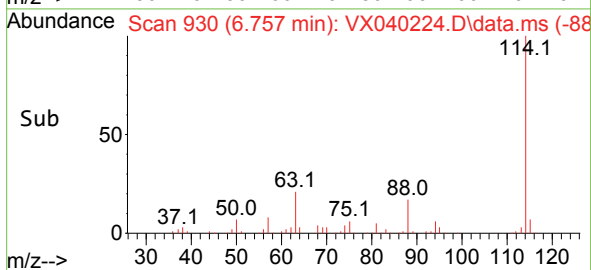
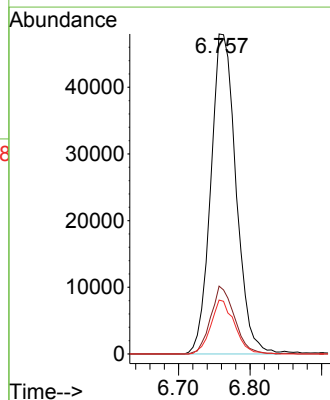
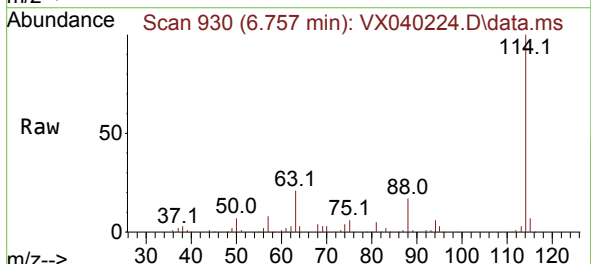
Tgt Ion: 114 Resp: 117552

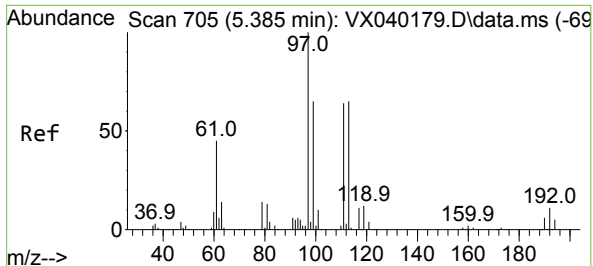
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.768 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040224.D

Acq: 14 Feb 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :

TB020624

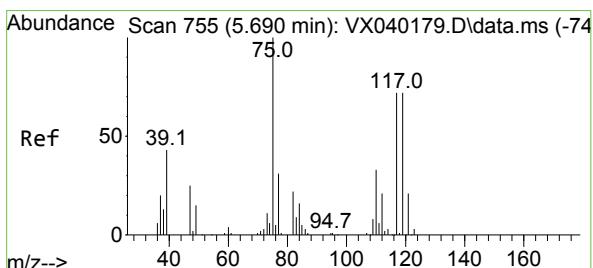
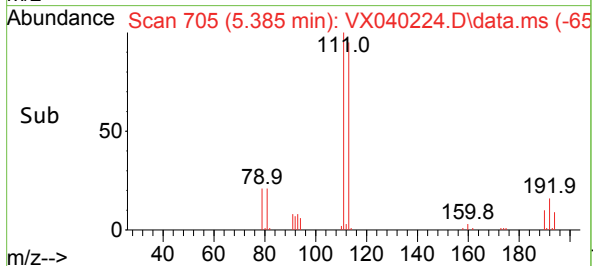
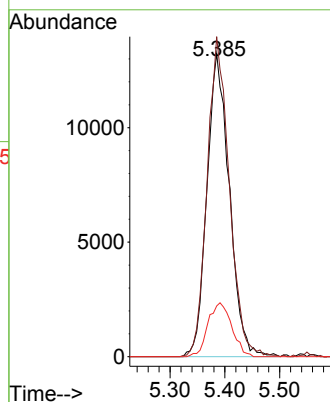
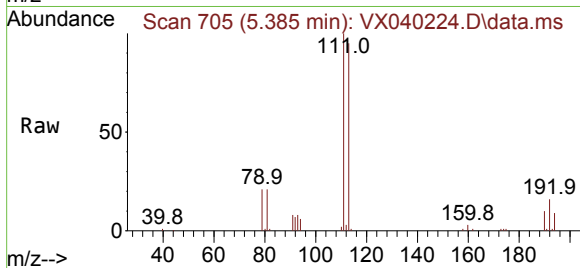
Tgt Ion:113 Resp: 37572

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX040224.D

Acq: 14 Feb 2024 16:41

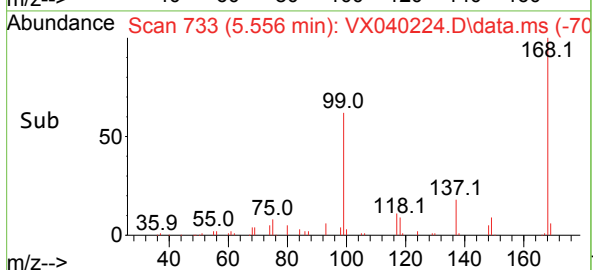
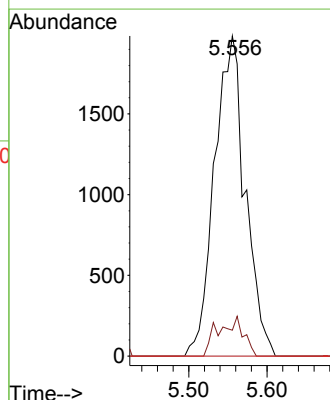
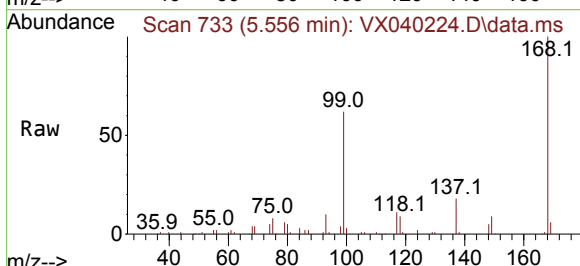
Tgt Ion: 75 Resp: 5402

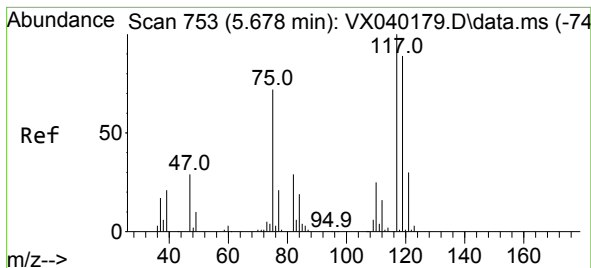
Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.687 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX040224.D

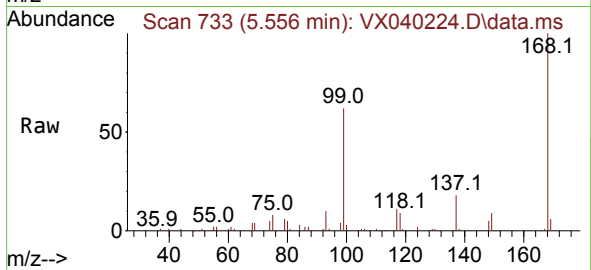
Acq: 14 Feb 2024 16:41

Instrument :

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ClientSampleId :

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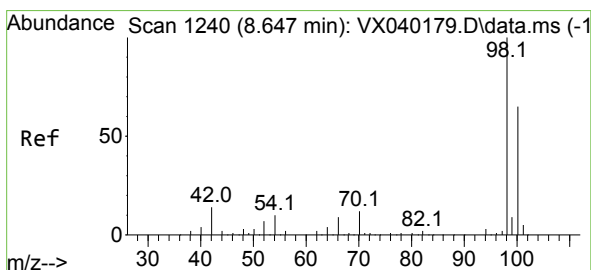
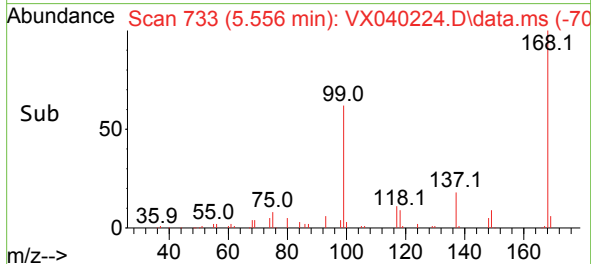
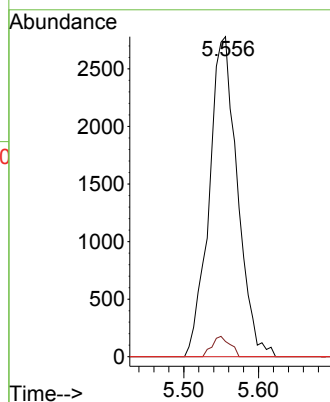
Tgt Ion:117 Resp: 7311

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.355 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040224.D

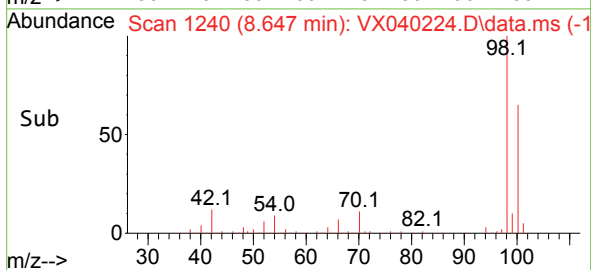
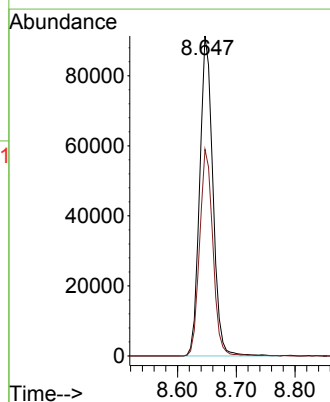
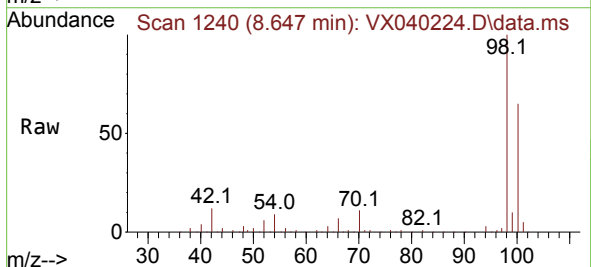
Acq: 14 Feb 2024 16:41

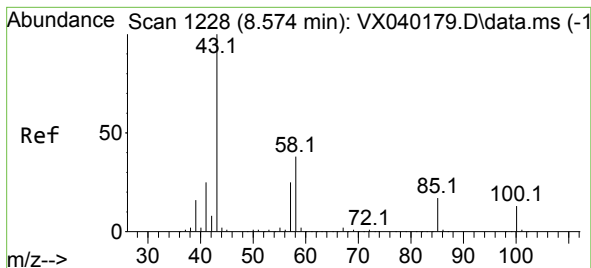
Tgt Ion: 98 Resp: 142347

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7

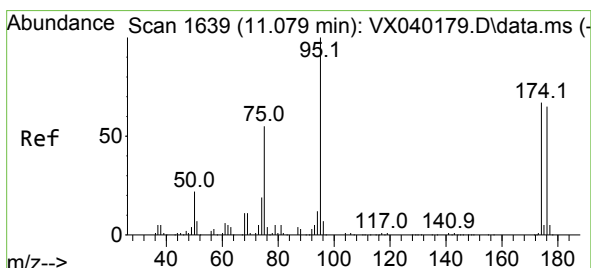
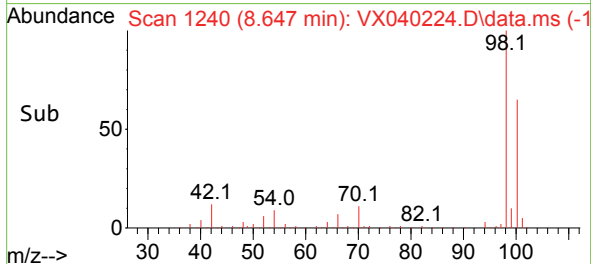
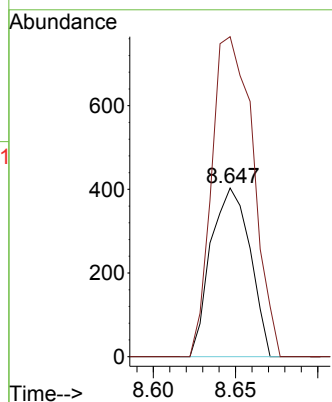
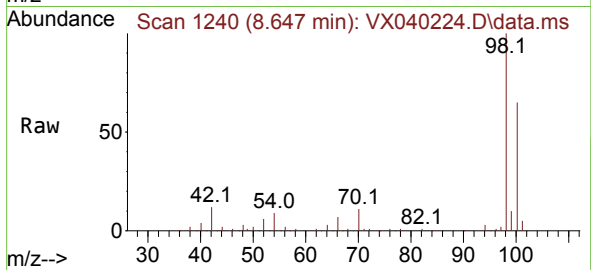




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

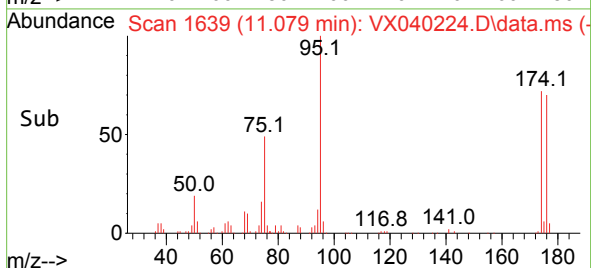
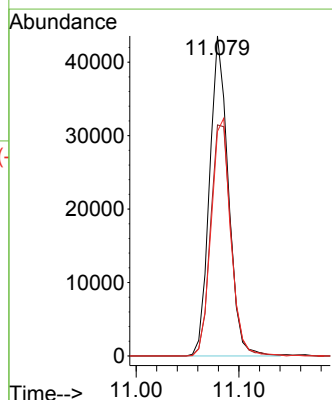
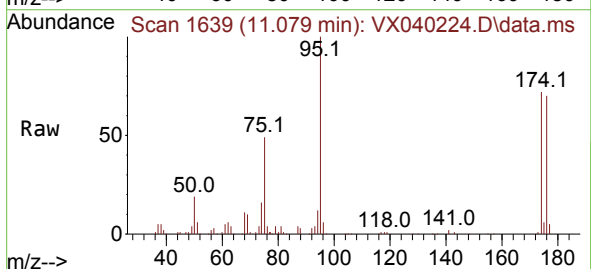
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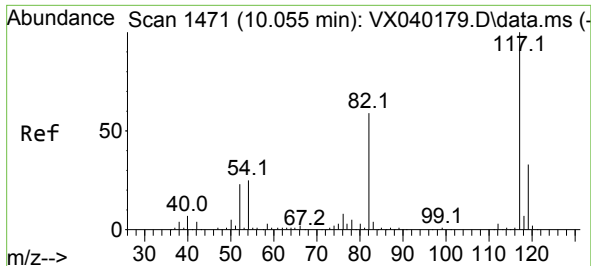
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
58 199.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

Tgt Ion: 95 Resp: 55366
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 77.4 0.0 131.0

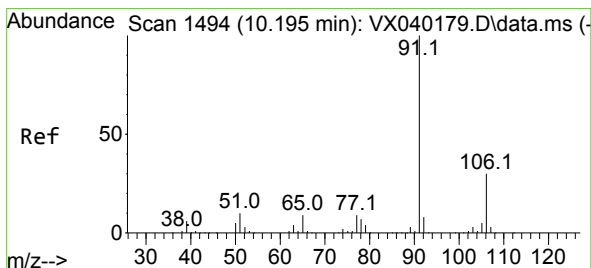
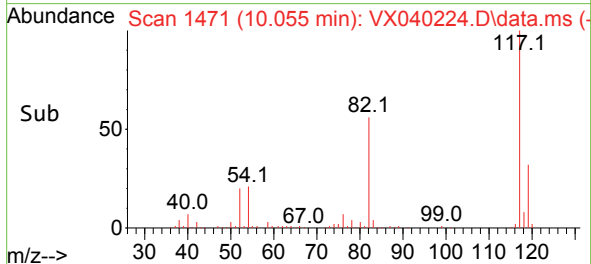
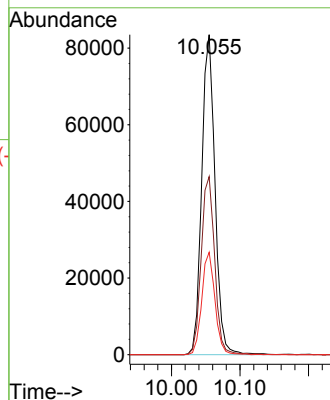
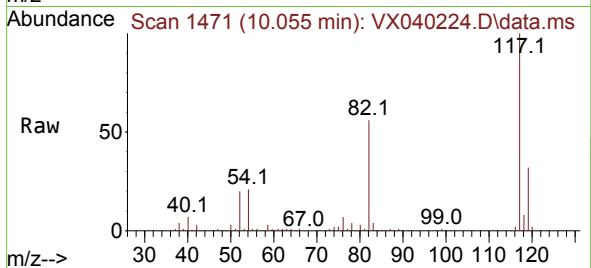




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

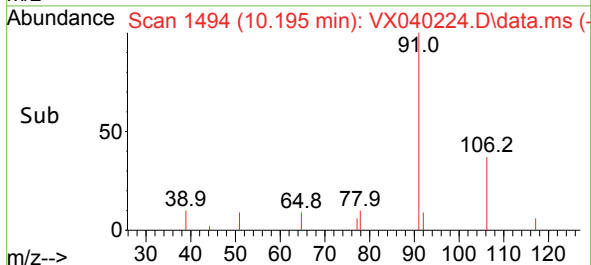
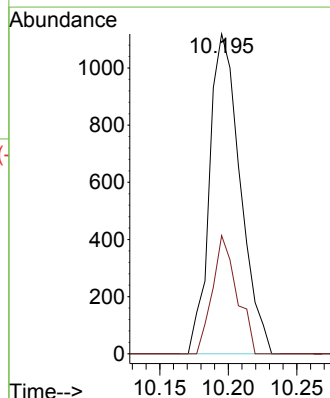
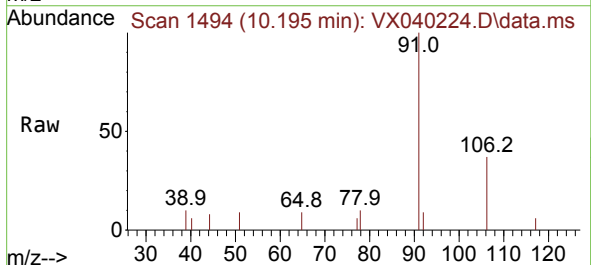
Instrument :
MSVOA_X
ClientSampleId :
TB020624

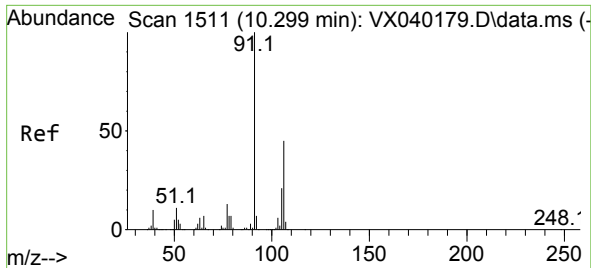
Tgt Ion:117 Resp: 112603
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 0.417 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

Tgt Ion: 91 Resp: 1746
Ion Ratio Lower Upper
91 100
106 37.0 24.9 37.3

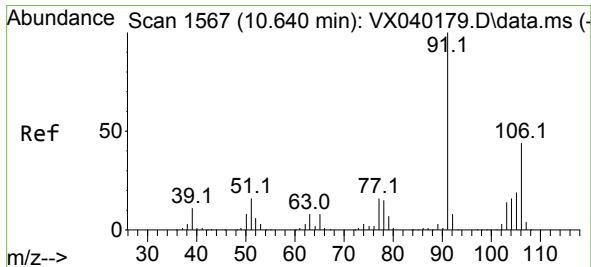
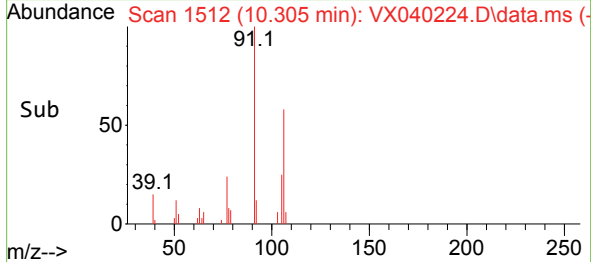
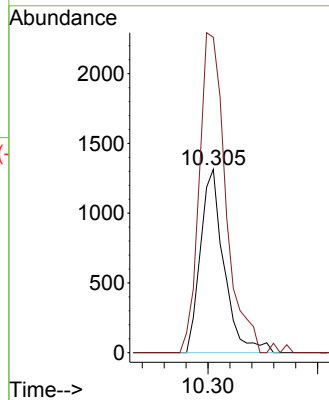
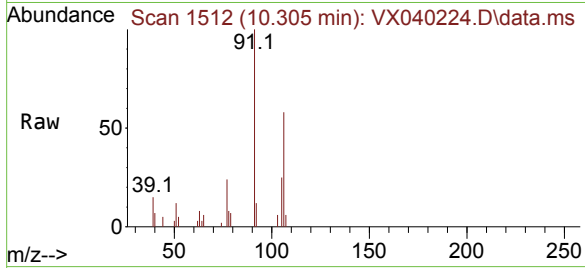




#68
m/p-Xylenes
Concen: 1.241 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

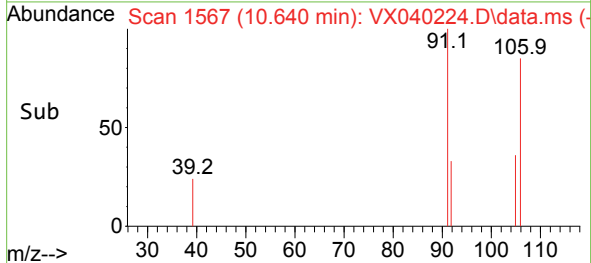
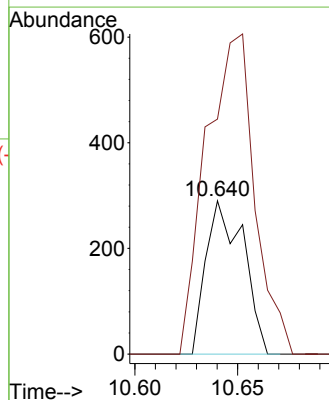
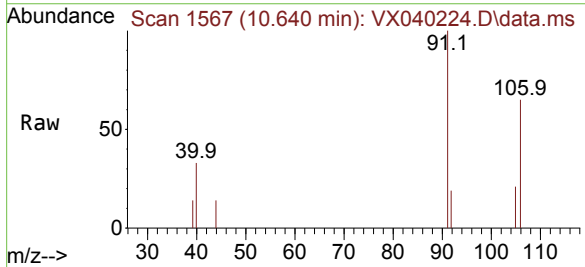
Instrument :
MSVOA_X
ClientSampleId :
TB020624

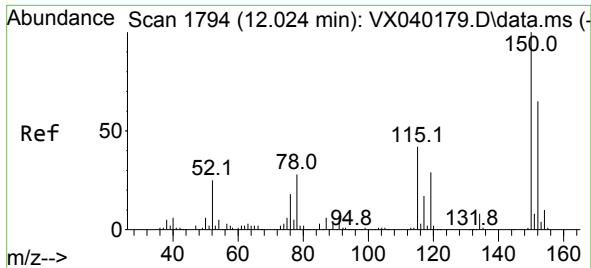
Tgt Ion:106 Resp: 1961
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3



#69
o-Xylene
Concen: 0.238 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

Tgt Ion:106 Resp: 366
Ion Ratio Lower Upper
106 100
91 271.6 108.9 326.8

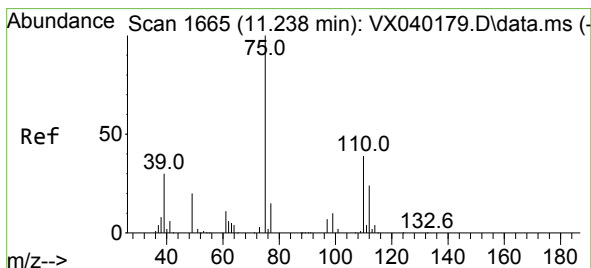
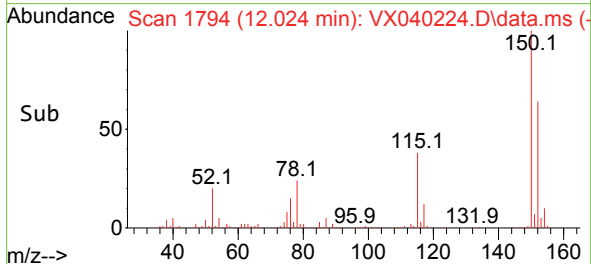
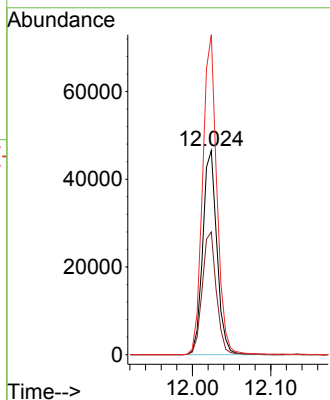
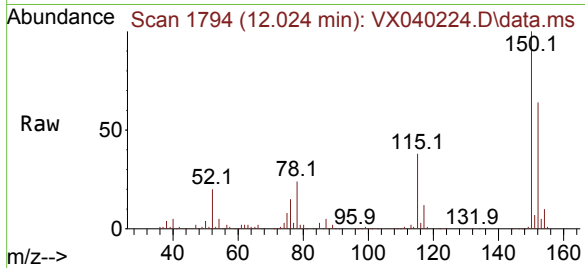




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

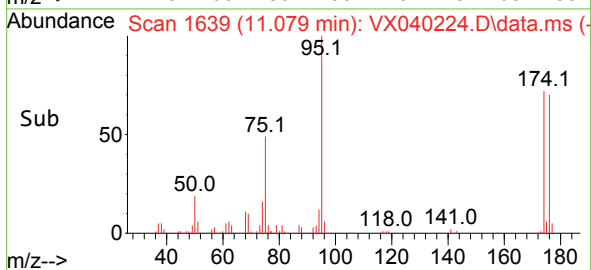
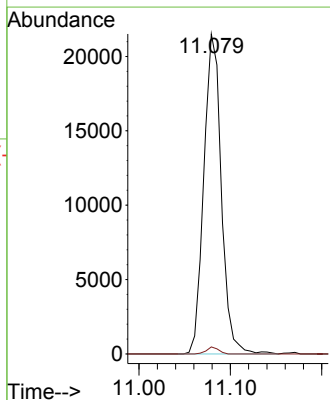
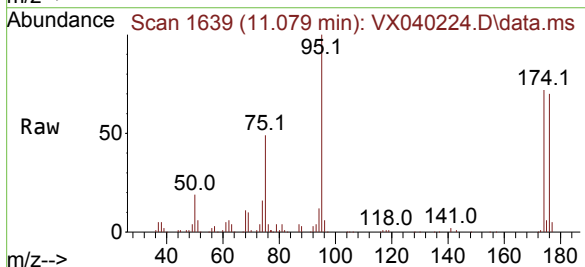
Instrument :
MSVOA_X
ClientSampleId :
TB020624

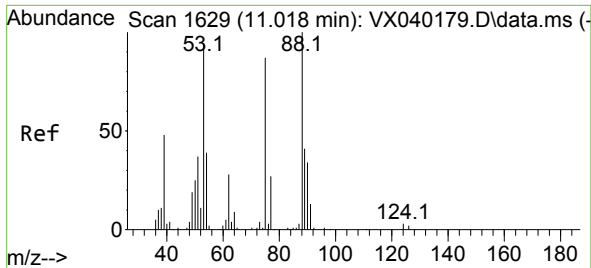
Tgt Ion:152 Resp: 58358
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040224.D
Acq: 14 Feb 2024 16:41

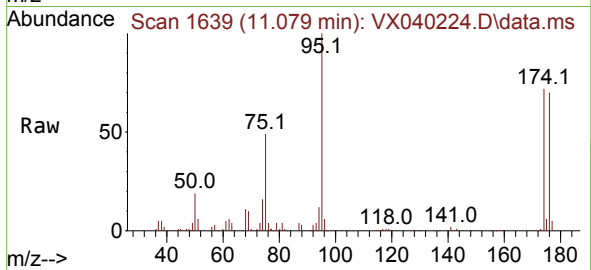
Tgt Ion: 75 Resp: 28579
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.638 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040224.D
 Acq: 14 Feb 2024 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TB020624



Tgt Ion: 75 Resp: 28579
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

