

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040464.D
 Acq On : 26 Feb 2024 16:39
 Operator : JC/MD
 Sample : P1578-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20240220

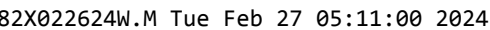
Quant Time: Feb 27 05:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

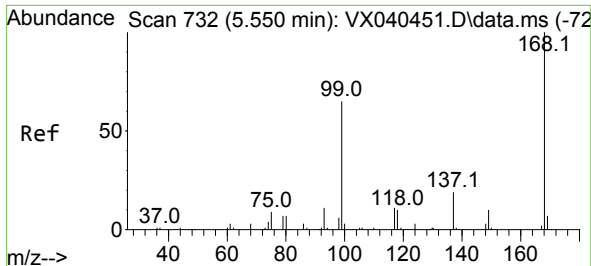
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	72896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59817	49.061	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	43321	49.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	158711	49.817	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.640%		
62) 4-Bromofluorobenzene	11.079	95	61116	50.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.640%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	137	0.222	ug/l #	43
13) Acrolein	2.239	56	28	0.213	ug/l	100
16) Acetone	2.386	43	996	2.505	ug/l	97
17) Carbon Disulfide	2.514	76	684	0.297	ug/l #	80
20) Methylene Chloride	2.788	84	400	0.420	ug/l	93
31) Cyclohexane	5.556	56	2175	1.575	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	6758	4.998	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8271	6.331	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	864	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35704	26.685	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35704	77.509	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	272	0.207	ug/l #	82

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

Quant Time: Feb 27 05:10:50 2024
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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

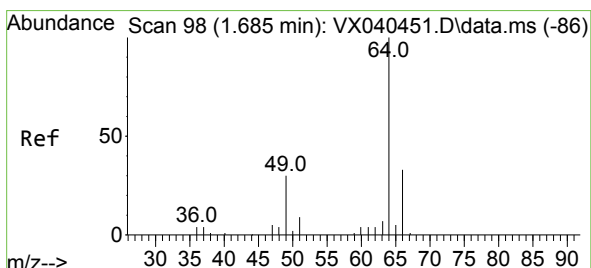
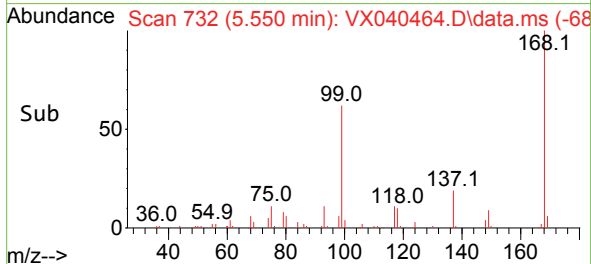
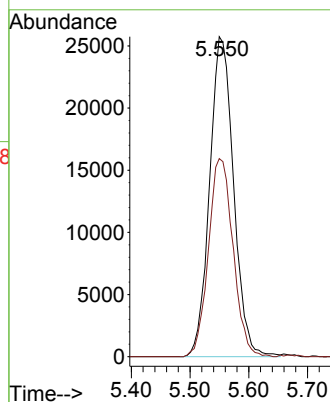
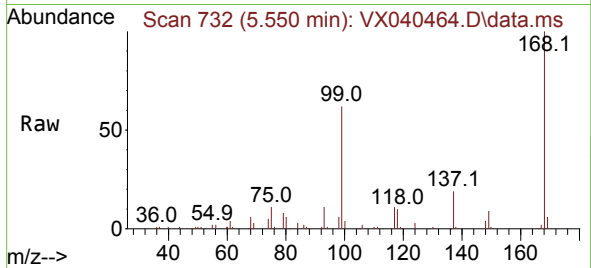




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

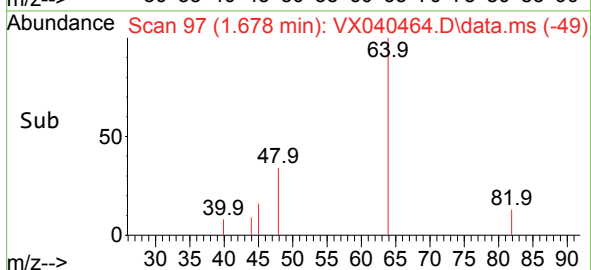
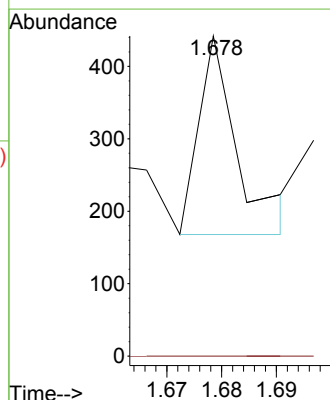
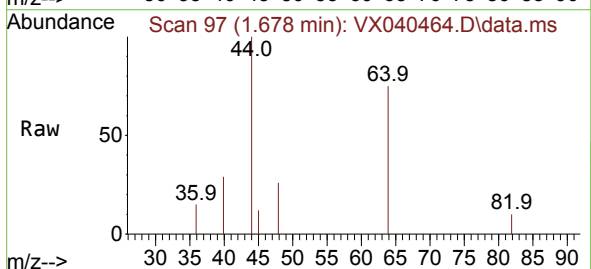
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ClientSampleId :
TB04-20240220

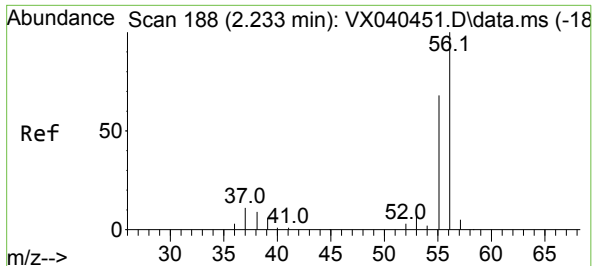
Tgt Ion:168 Resp: 72896
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 64 Resp: 137
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

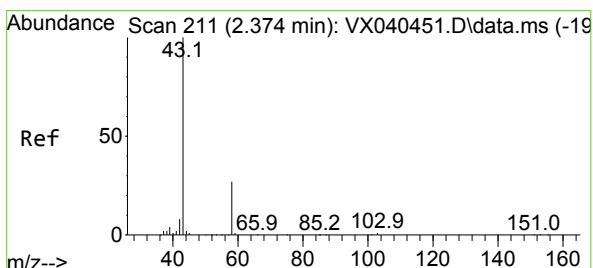
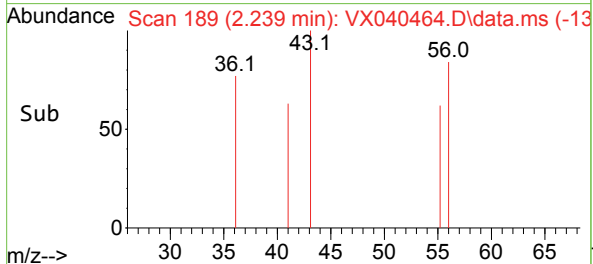
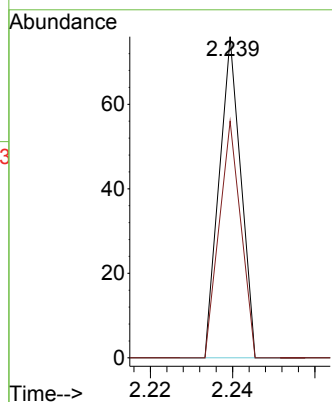
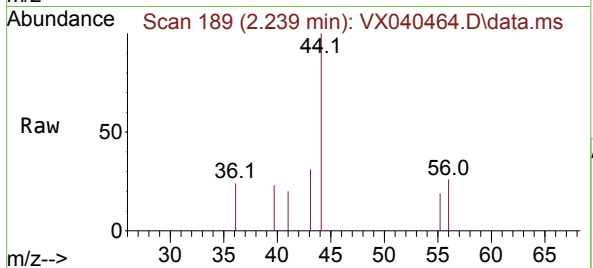




#13
Acrolein
Concen: 0.213 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

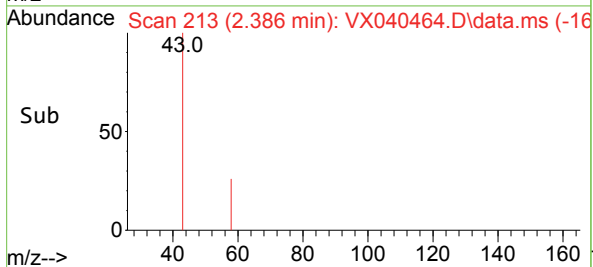
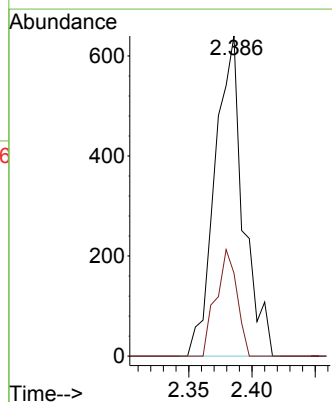
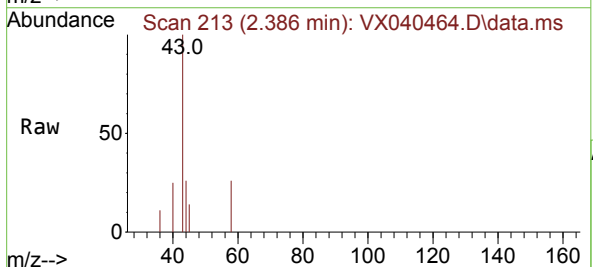
Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

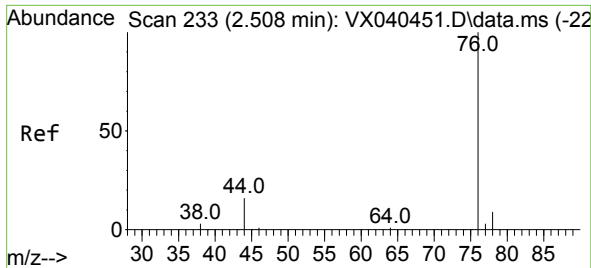
Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7



#16
Acetone
Concen: 2.505 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9

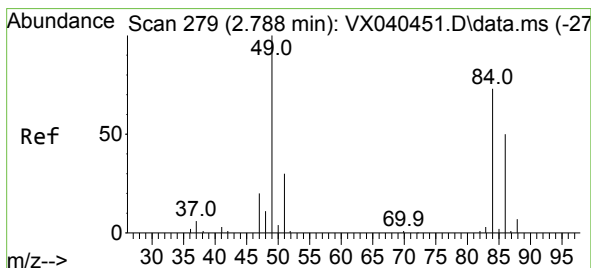
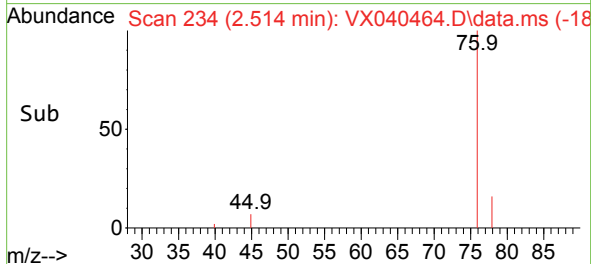
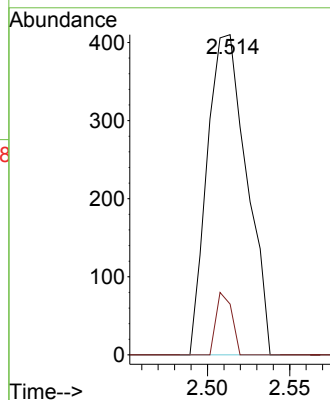
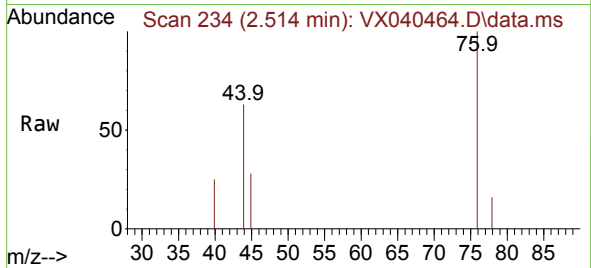




#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

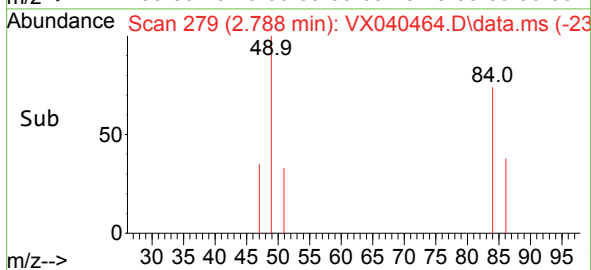
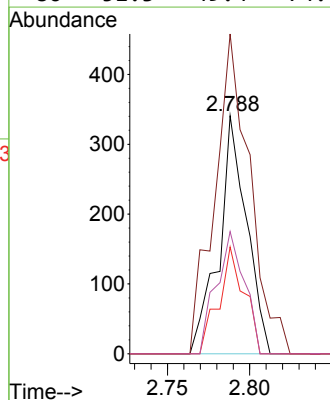
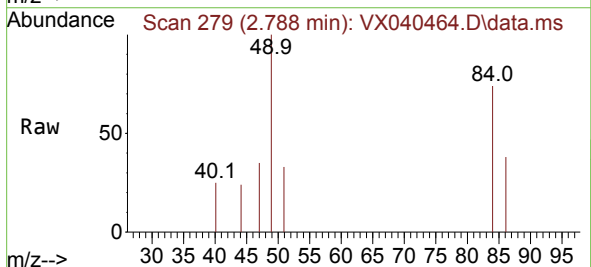
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MSVOA_X
ClientSampleId :
TB04-20240220

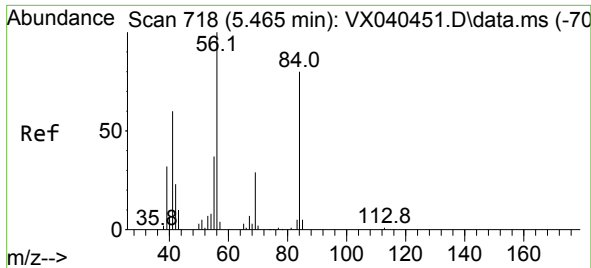
Tgt Ion: 76 Resp: 684
Ion Ratio Lower Upper
76 100
78 15.9 7.0 10.6#



#20
Methylene Chloride
Concen: 0.420 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 84 Resp: 400
Ion Ratio Lower Upper
84 100
49 134.3 103.6 155.4
51 44.9 33.8 50.6
86 51.3 49.4 74.0

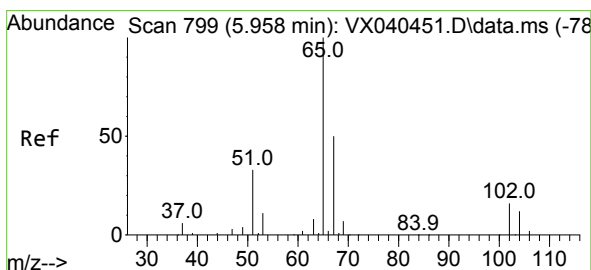
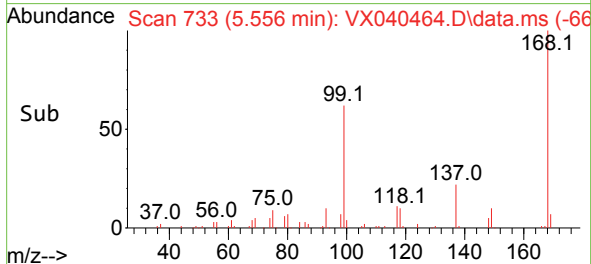
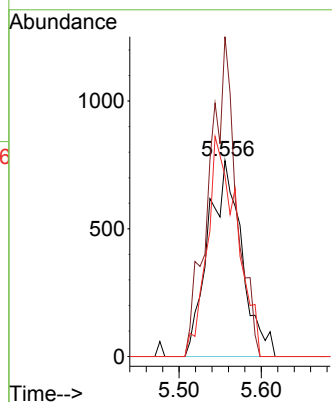
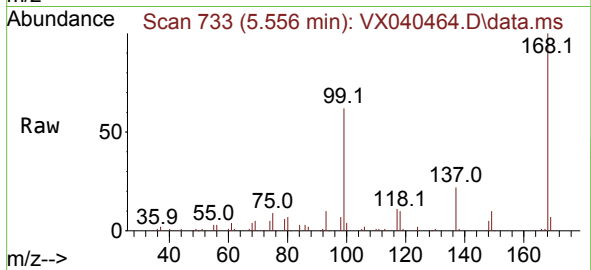




#31
Cyclohexane
Concen: 1.575 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

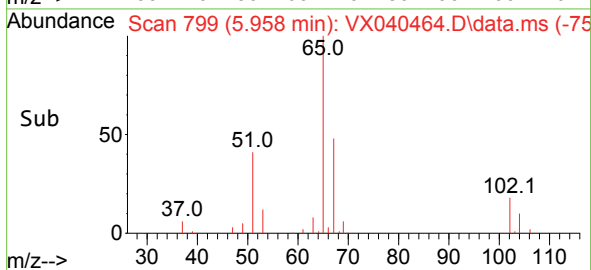
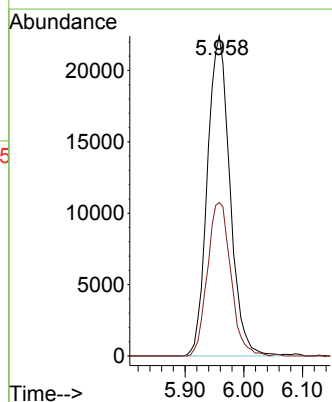
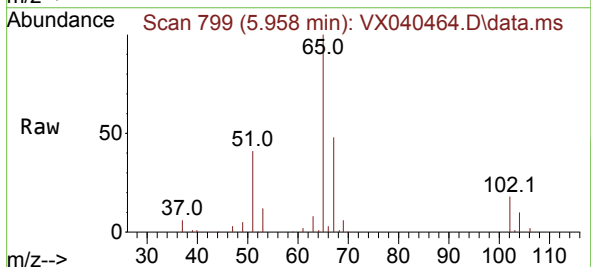
Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

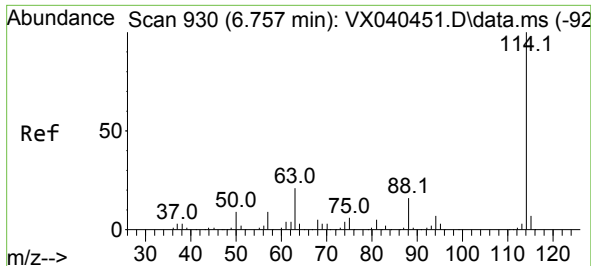
Tgt Ion: 56 Resp: 2175
Ion Ratio Lower Upper
56 100
69 163.2 23.4 35.2#
84 92.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.061 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 65 Resp: 59817
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.2

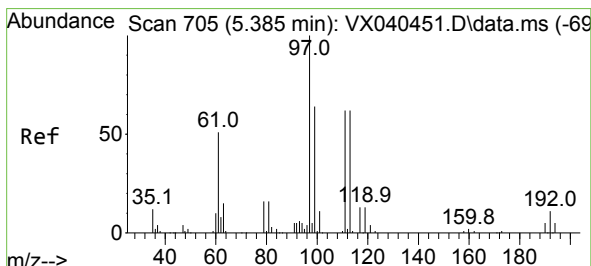
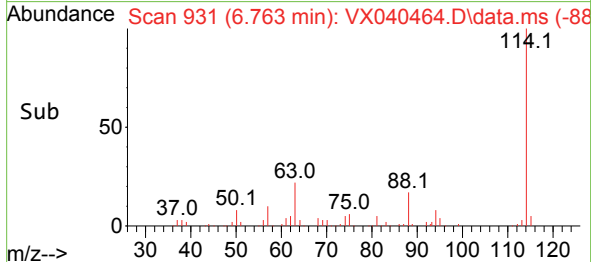
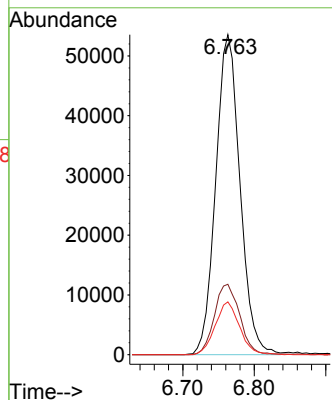
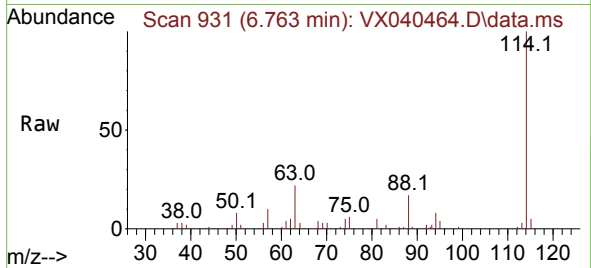




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

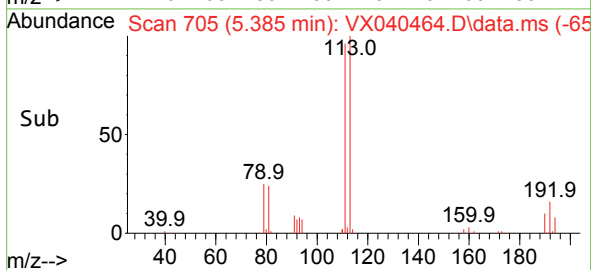
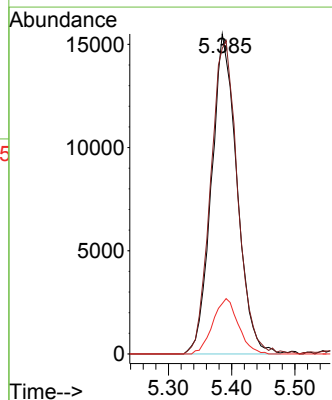
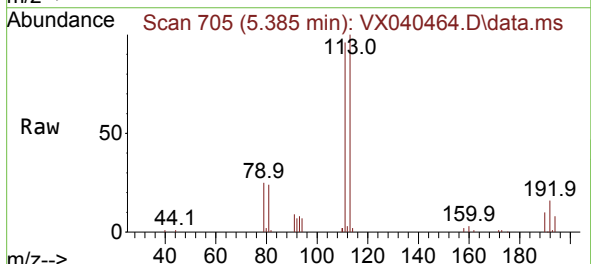
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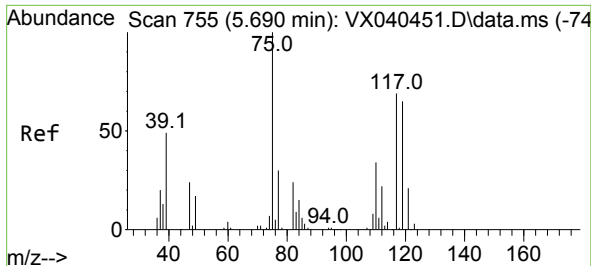
Tgt Ion:114 Resp: 126214
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion:113 Resp: 43321
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.3 13.3 19.9

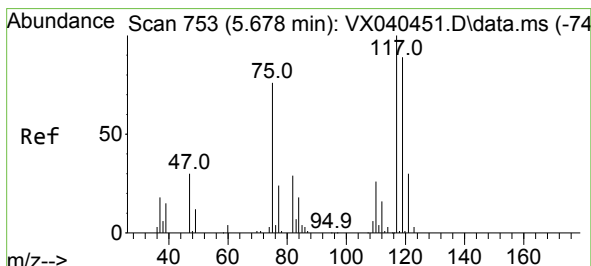
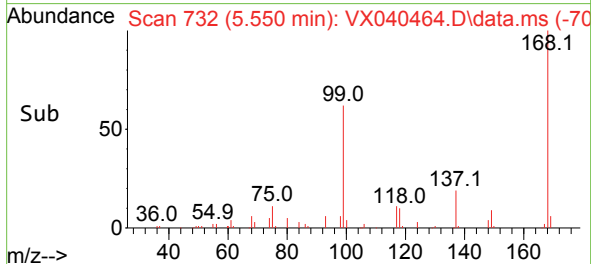
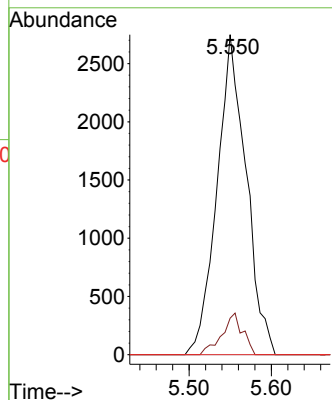
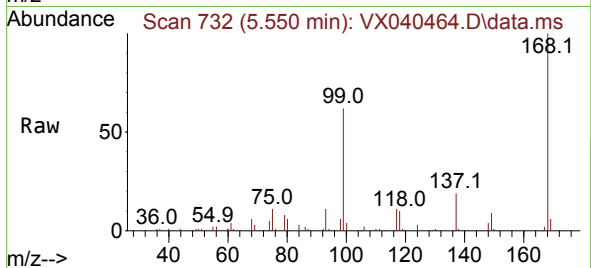




#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

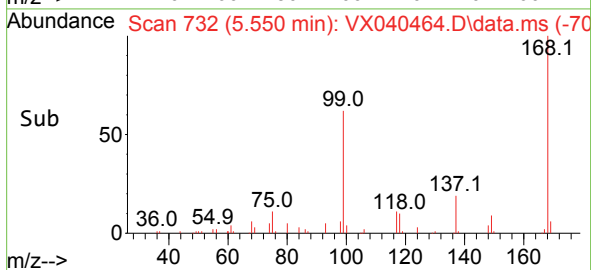
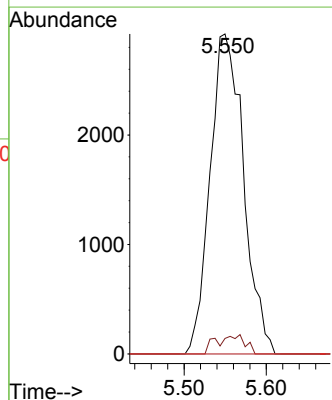
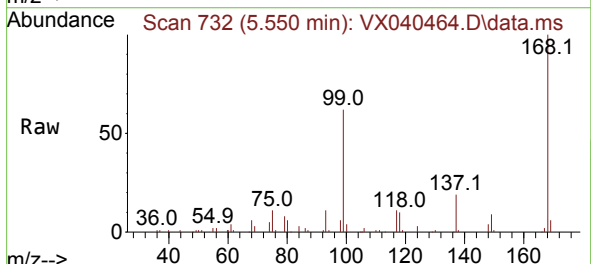
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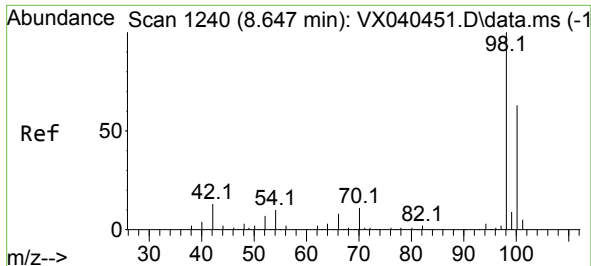
Tgt Ion: 75 Resp: 6758
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 117 Resp: 8271
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

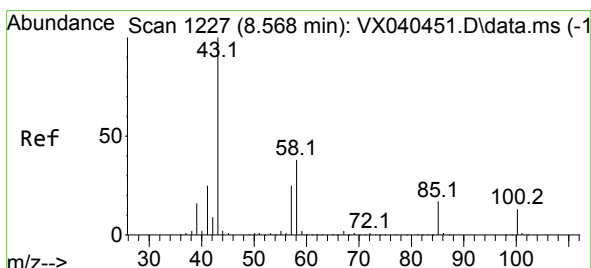
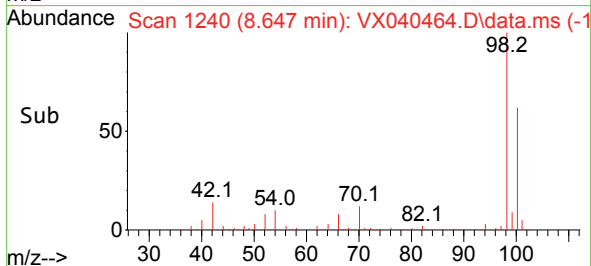
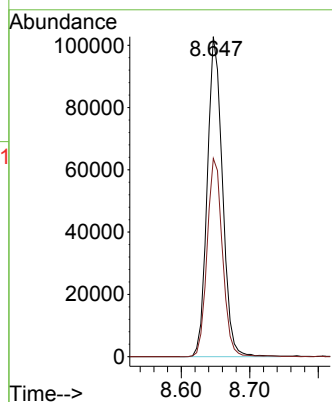
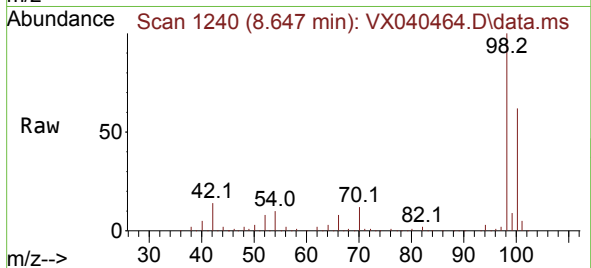




#50
Toluene-d8
Concen: 49.817 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

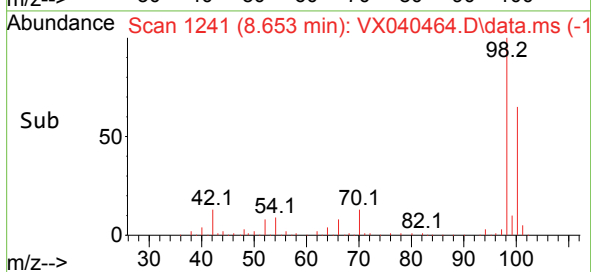
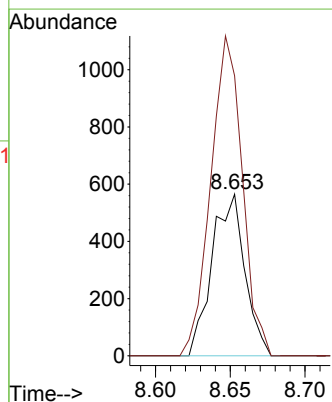
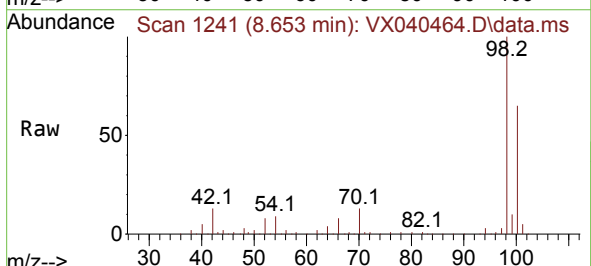
Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

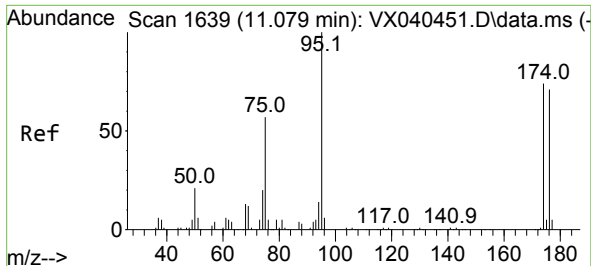
Tgt Ion: 98 Resp: 158711
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.085 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 189.9 30.4 45.6#

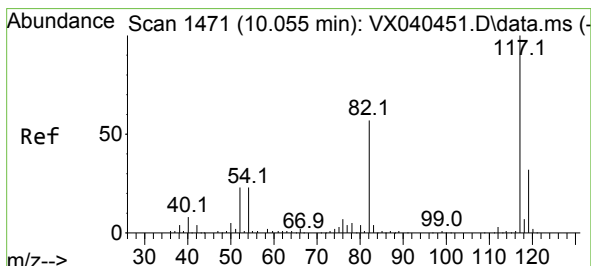
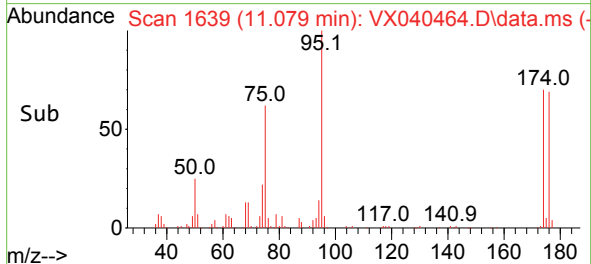
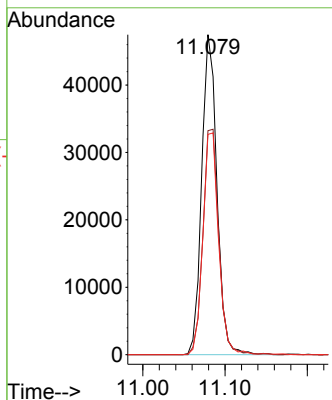
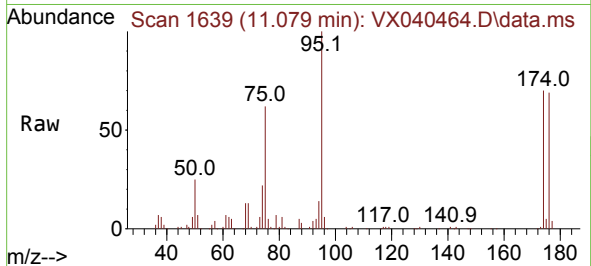




#62
4-Bromofluorobenzene
Concen: 50.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

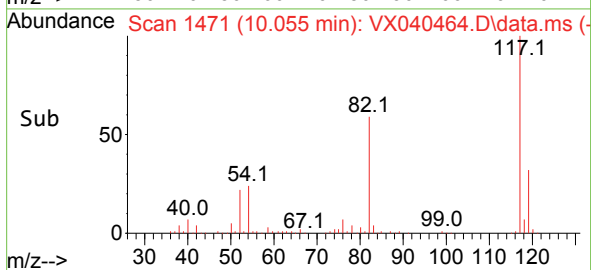
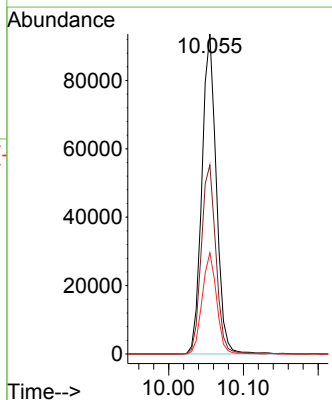
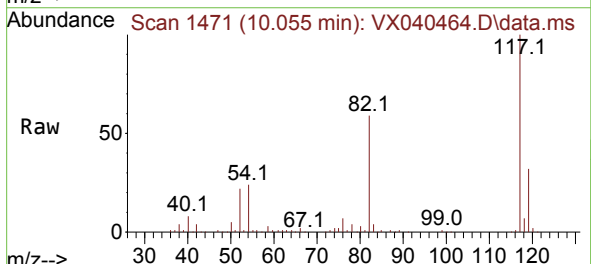
Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

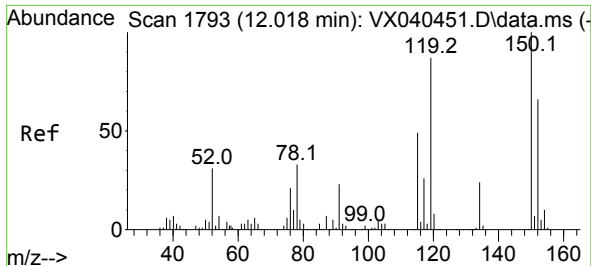
Tgt Ion: 95 Resp: 61116
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 117 Resp: 125441
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.6 25.5 38.3

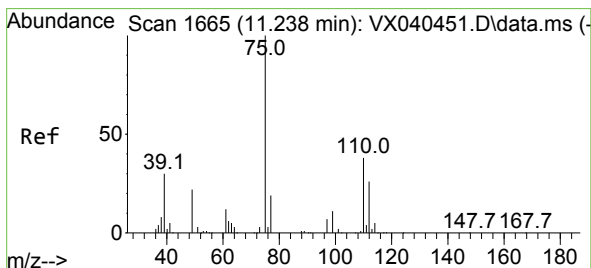
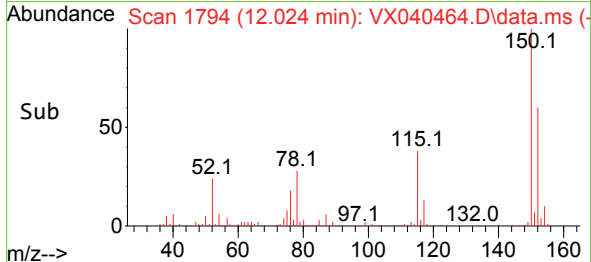
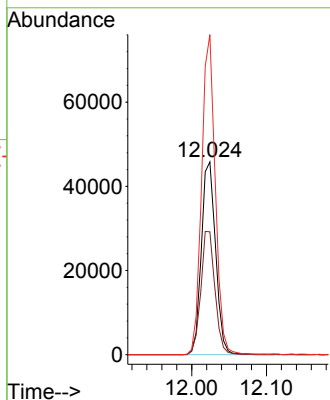
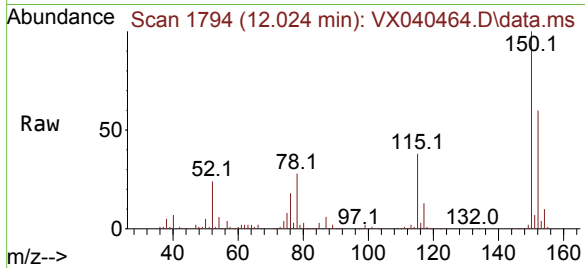




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

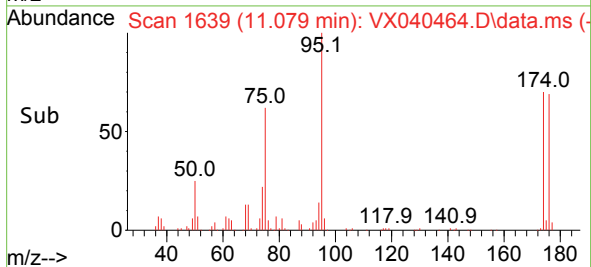
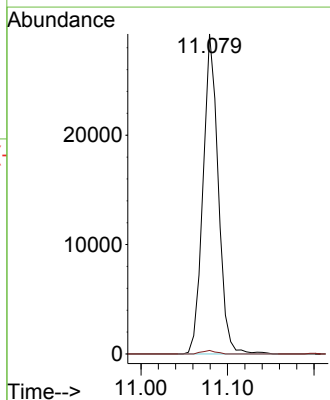
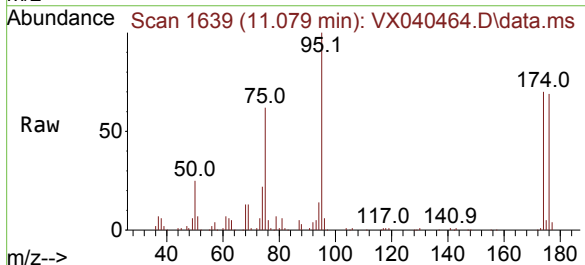
Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

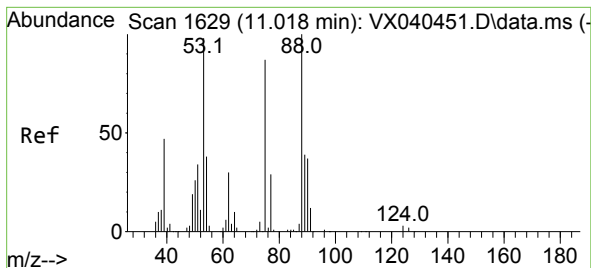
Tgt Ion:152 Resp: 60795
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 158.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 75 Resp: 35704
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

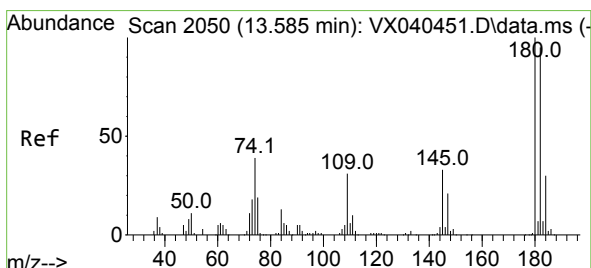
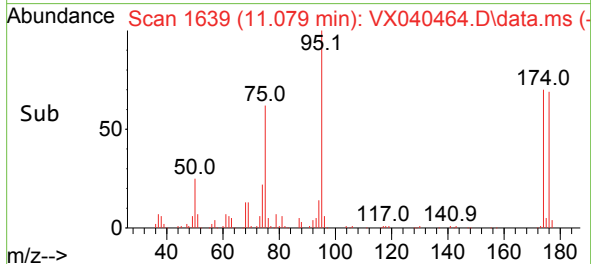
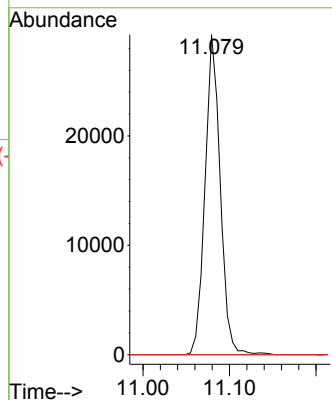
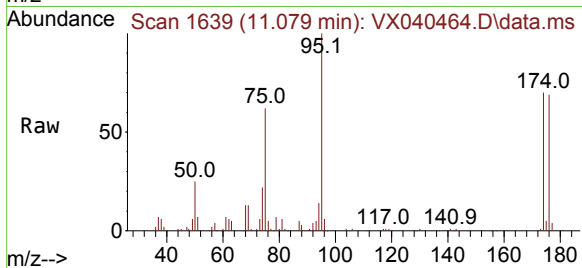




#81
trans-1,4-Dichloro-2-butene
Concen: 77.509 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :
TB04-20240220

Tgt Ion: 75 Resp: 35704
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX040464.D
Acq: 26 Feb 2024 16:39

Tgt Ion: 180 Resp: 272
Ion Ratio Lower Upper
180 100
182 102.9 48.3 144.8
145 7.4 18.0 54.0#

