

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040356.D
 Acq On : 20 Feb 2024 15:01
 Operator : JC/MD
 Sample : P1521-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240215

Quant Time: Feb 21 01:14:31 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)

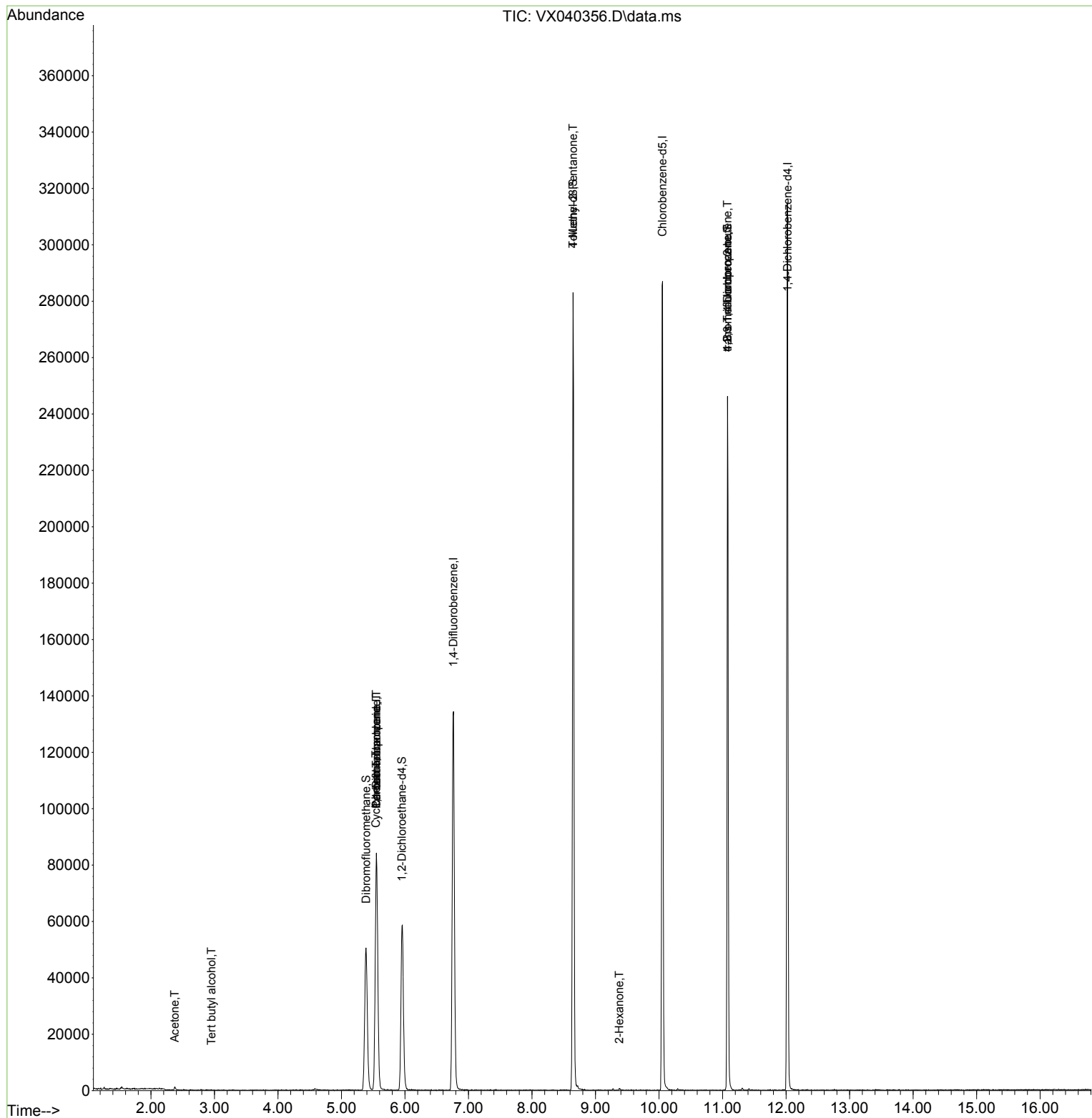
Internal Standards						
1) Pentafluorobenzene	5.550	168	74055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58049	52.689	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.380%			
35) Dibromofluoromethane	5.385	113	43391	46.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	8.647	98	162232	46.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.660%			
62) 4-Bromofluorobenzene	11.079	95	61795	43.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	140	0.652	ug/l #	78
16) Acetone	2.373	43	1074	2.374	ug/l	90
20) Methylene Chloride	2.788	84	59	Below Cal	#	62
31) Cyclohexane	5.544	56	2075	1.579	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6945	5.353	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7964	6.456	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	881	0.573	ug/l #	1
59) 2-Hexanone	9.372	43	579	0.475	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	34417	26.648	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34417	73.067	ug/l #	5

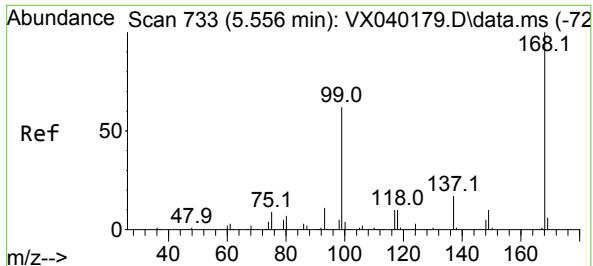
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 01:14:31 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

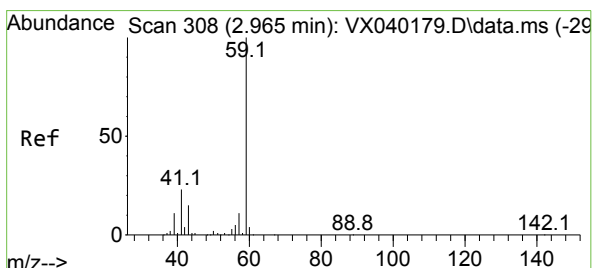
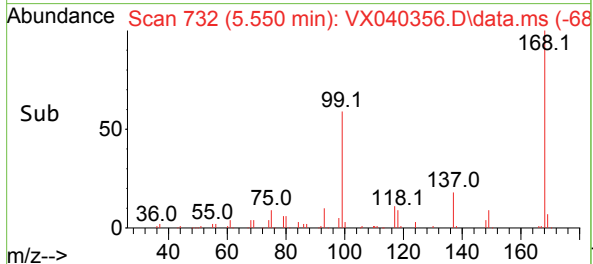
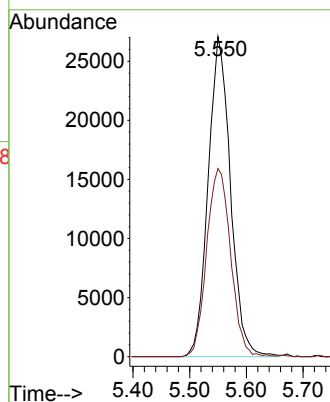
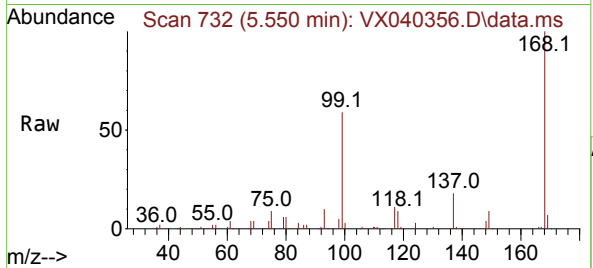




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

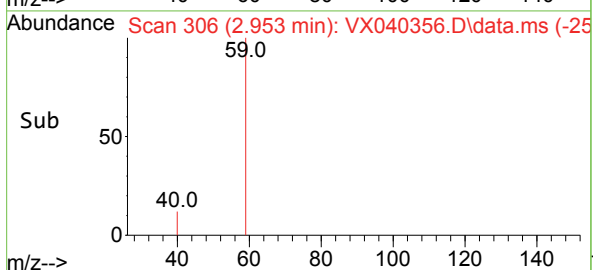
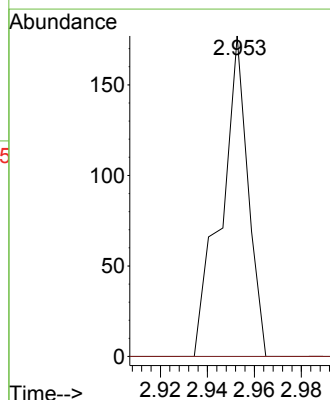
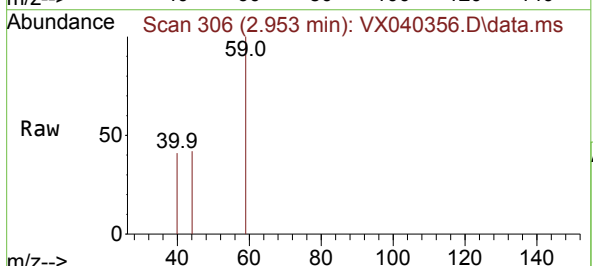
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

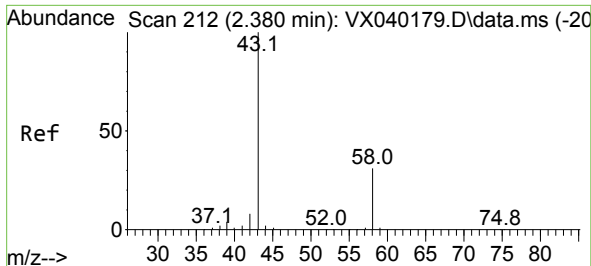
Tgt Ion:168 Resp: 74055
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.652 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

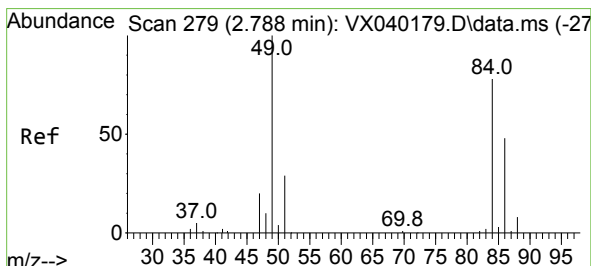
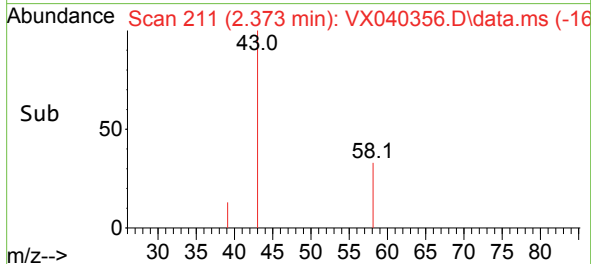
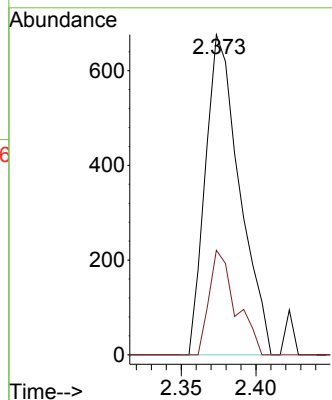
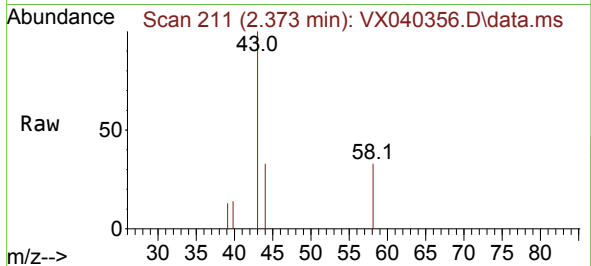




#16
Acetone
Concen: 2.374 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

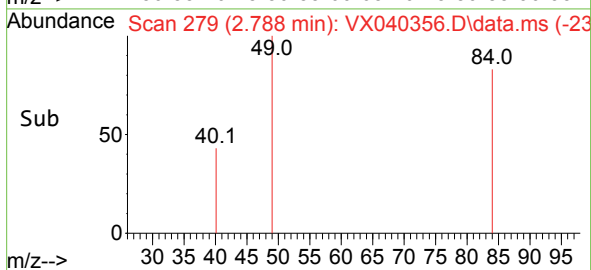
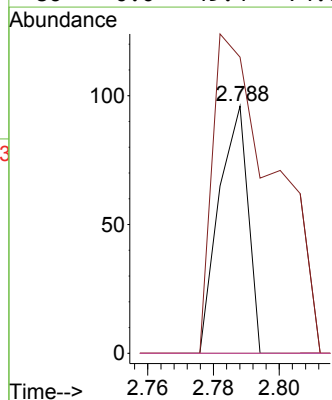
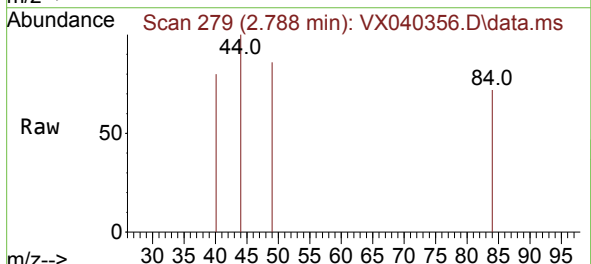
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

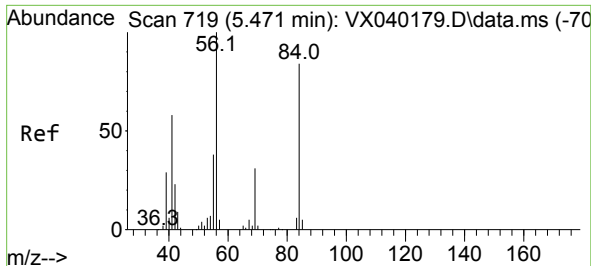
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

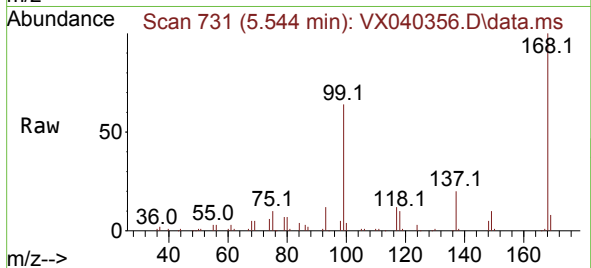
Tgt Ion: 84 Resp: 59
Ion Ratio Lower Upper
84 100
49 119.8 103.6 155.4
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



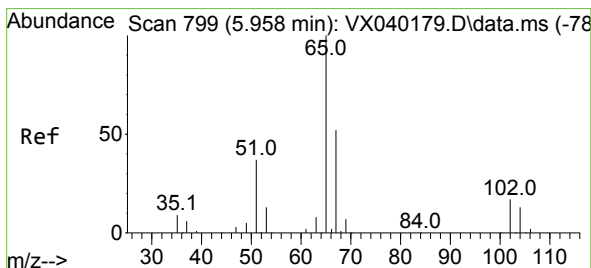
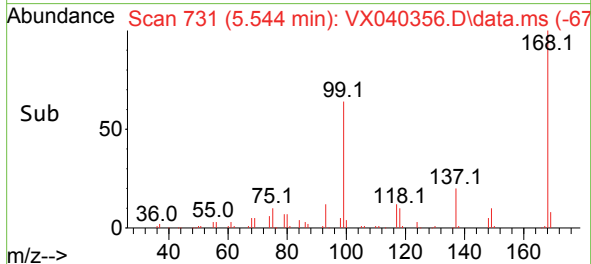
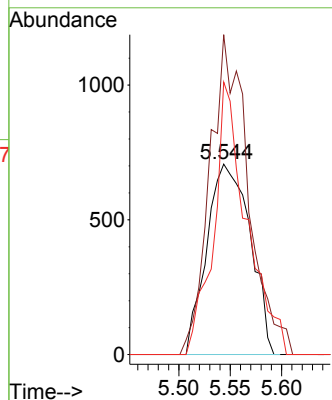


#31
Cyclohexane
Concen: 1.579 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

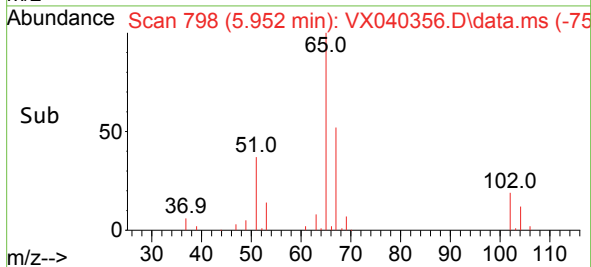
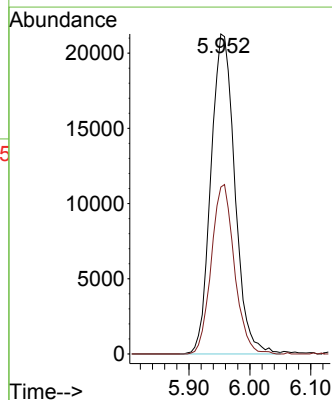
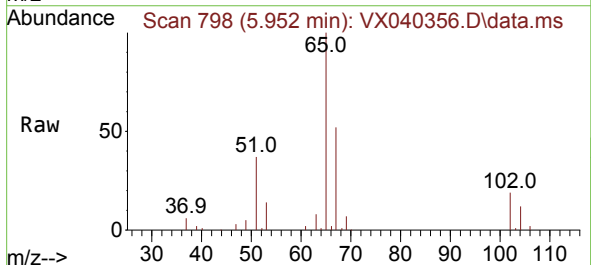


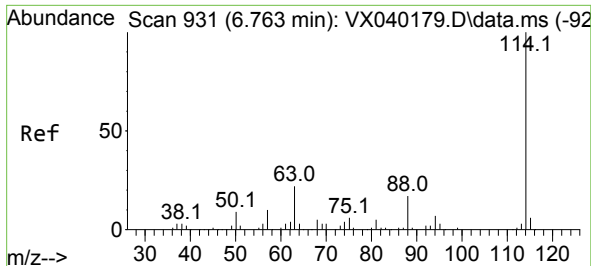
Tgt Ion: 56 Resp: 2075
Ion Ratio Lower Upper
56 100
69 167.9 23.4 35.2#
84 143.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.689 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 65 Resp: 58049
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

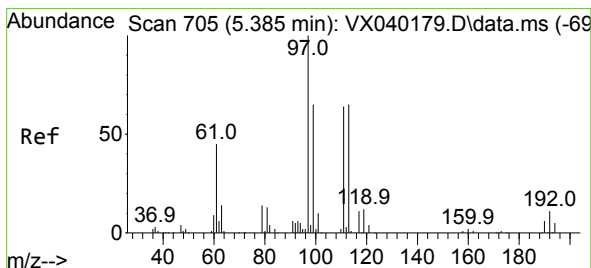
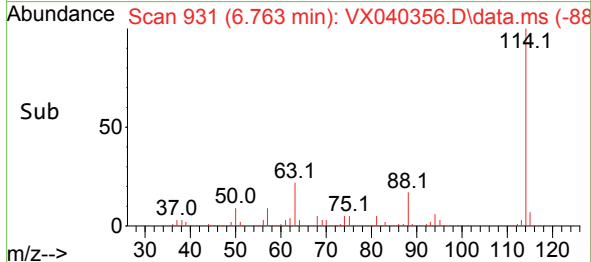
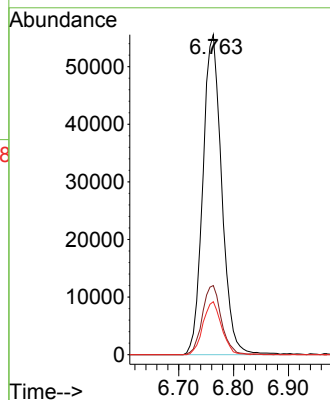
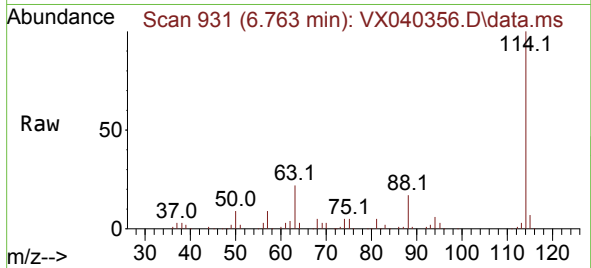




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

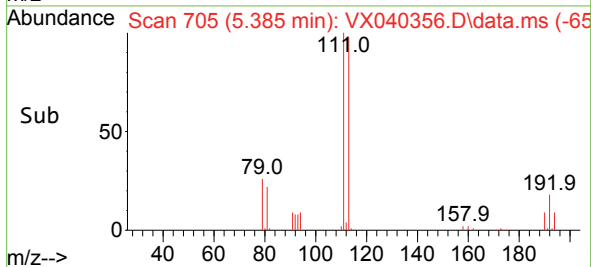
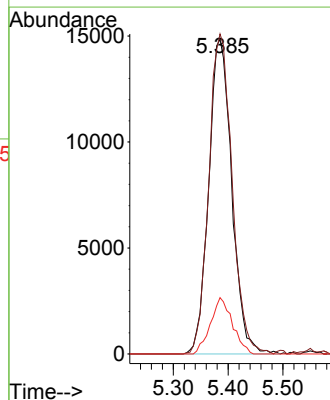
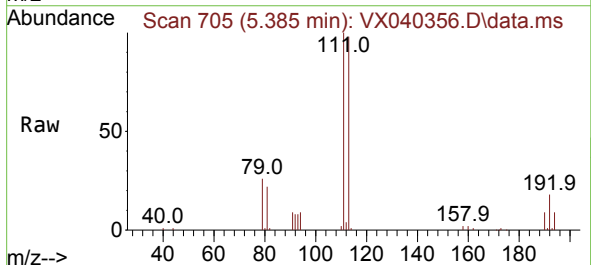
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

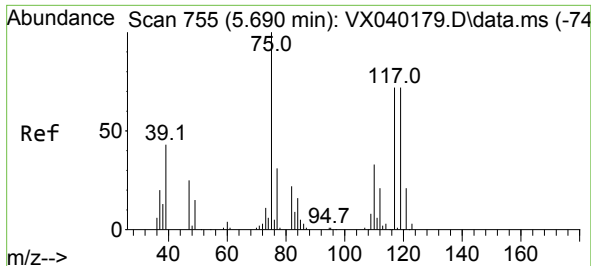
Tgt Ion:114 Resp: 132626
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.849 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion:113 Resp: 43391
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.0 13.3 19.9

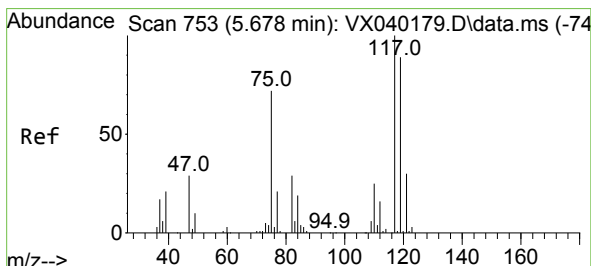
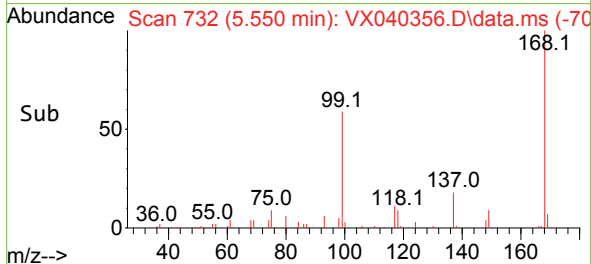
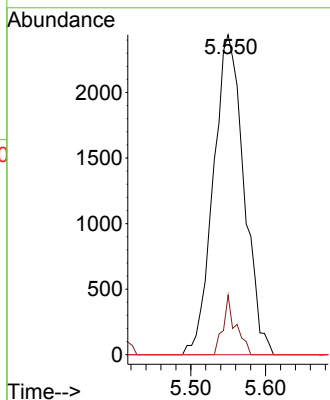
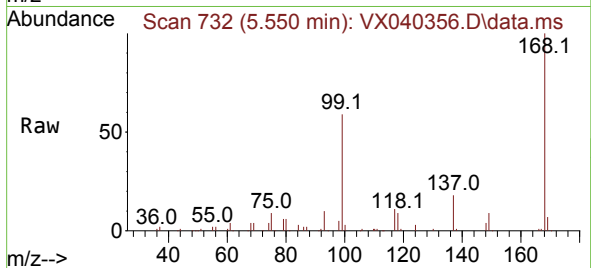




#36
1,1-Dichloropropene
Concen: 5.353 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

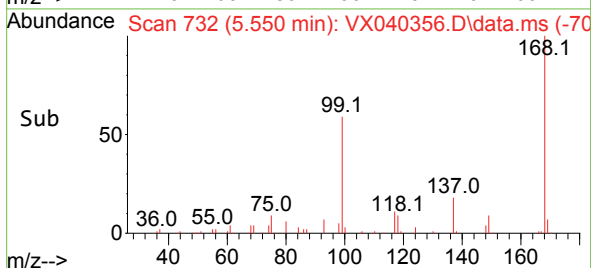
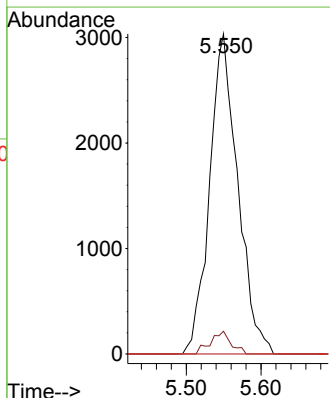
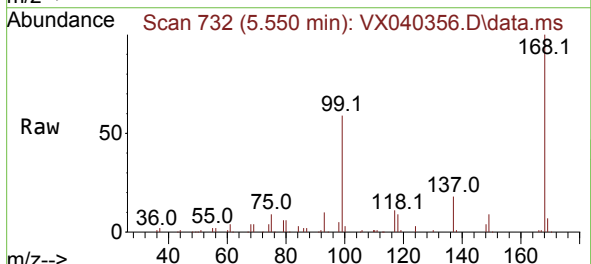
Instrument :
MSVOA_X
ClientSampleId :
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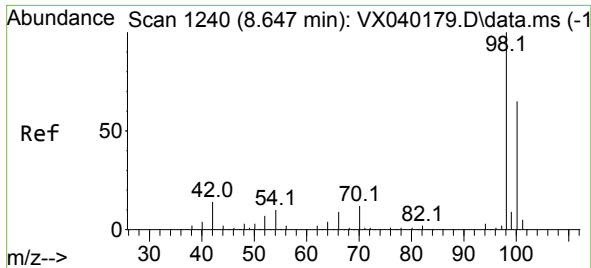
Tgt Ion: 75 Resp: 6945
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 117 Resp: 7964
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#

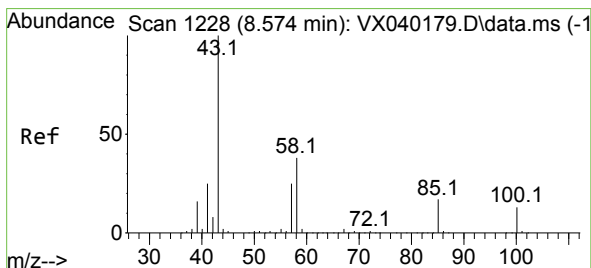
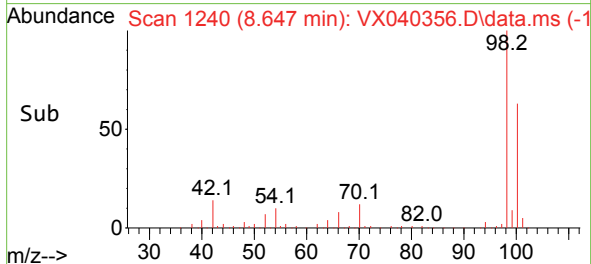
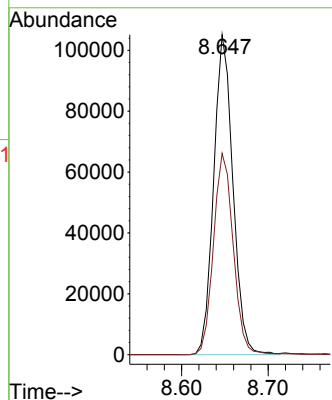
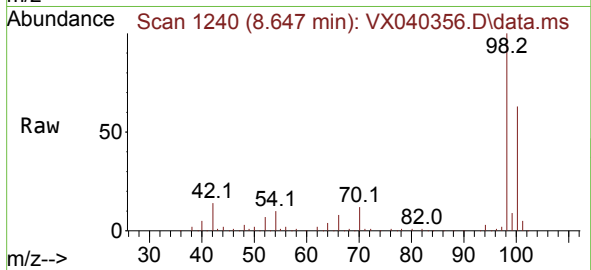




#50
Toluene-d8
Concen: 46.826 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

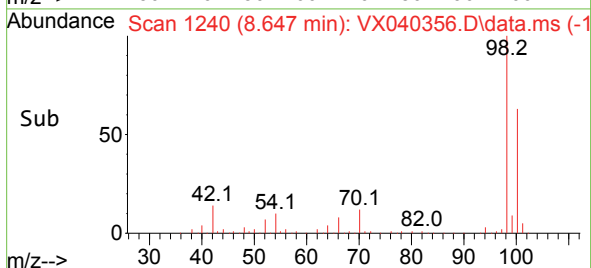
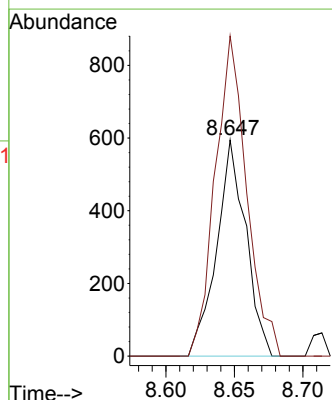
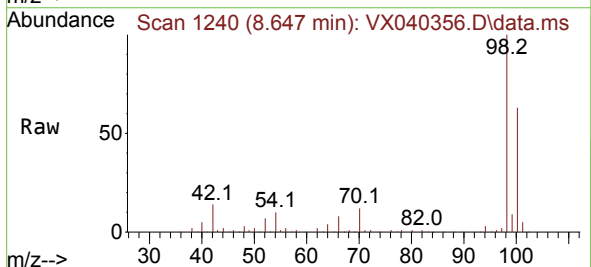
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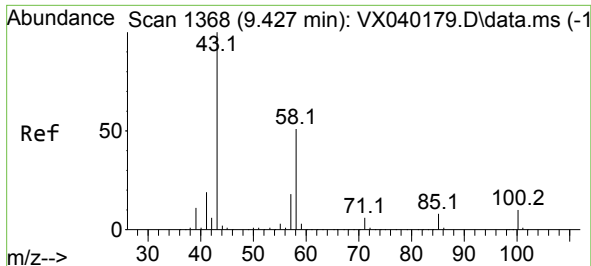
Tgt Ion: 98 Resp: 162232
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 159.8 30.4 45.6#

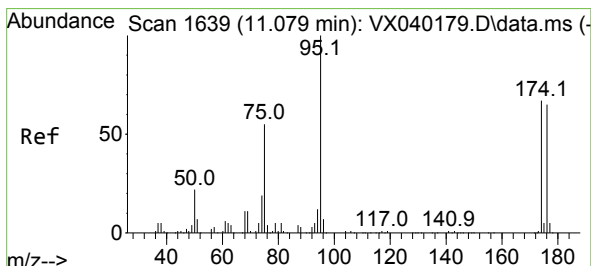
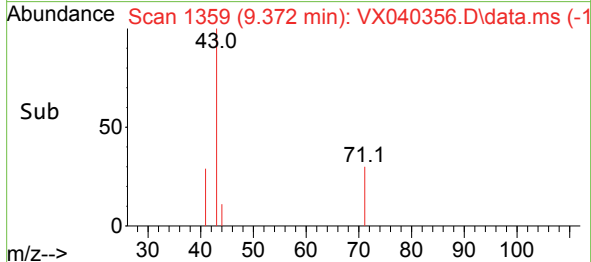
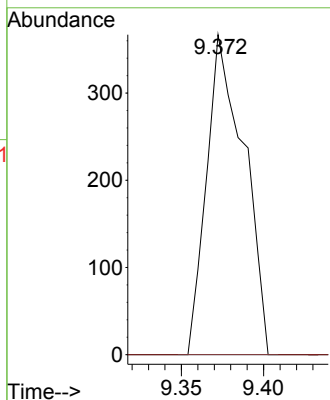
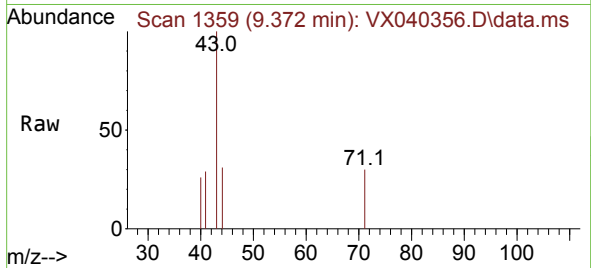




#59
2-Hexanone
Concen: 0.475 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

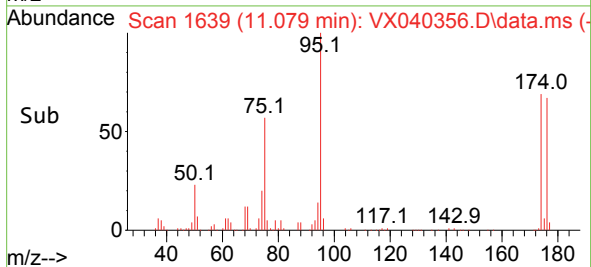
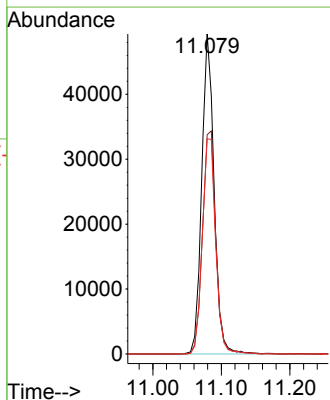
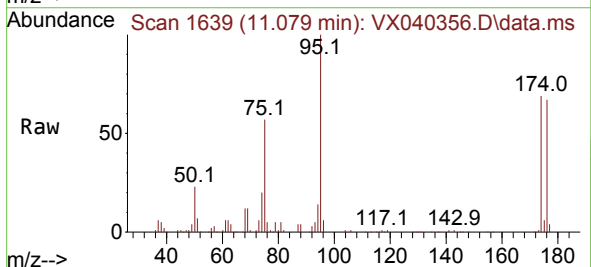
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

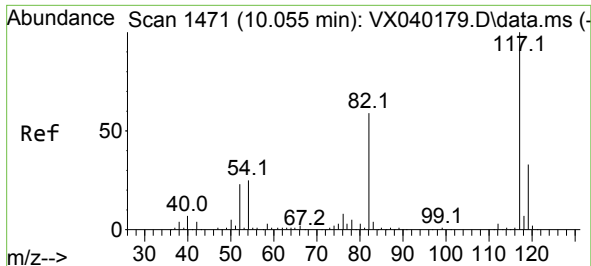
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 43.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 95 Resp: 61795
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 72.8 0.0 131.0

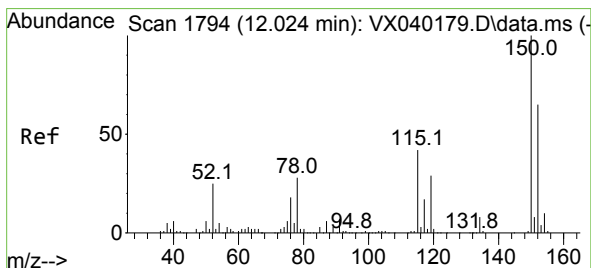
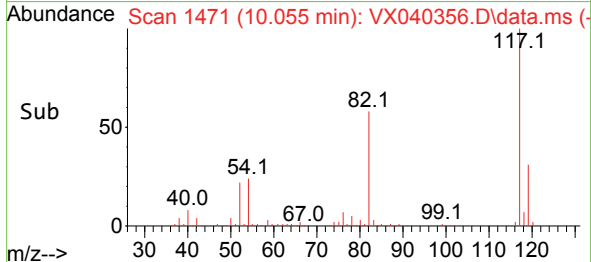
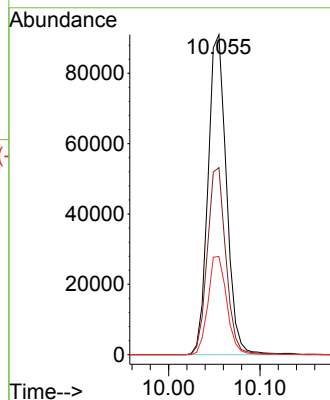
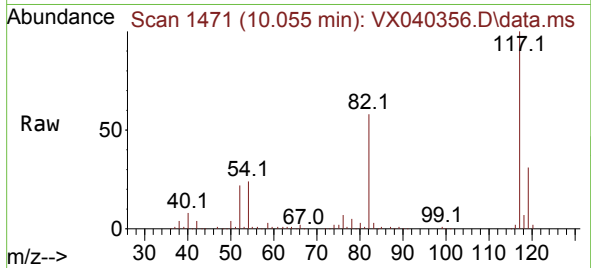




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

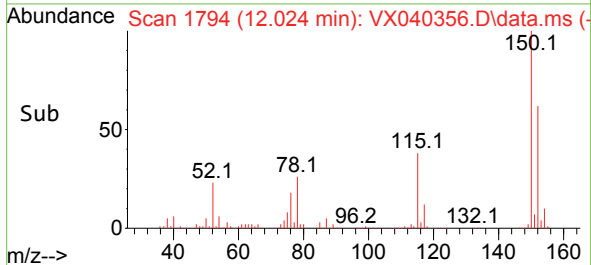
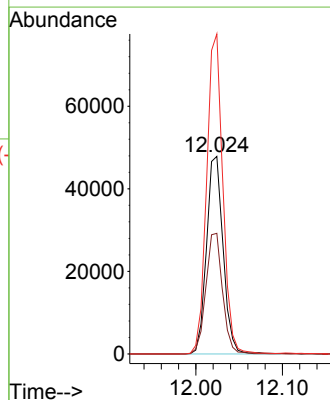
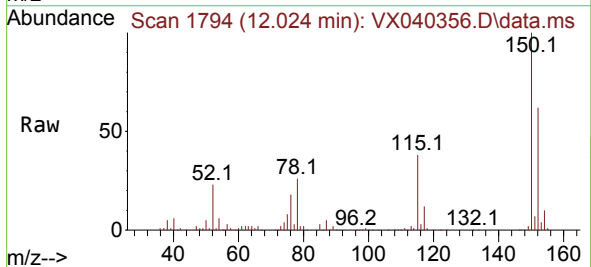
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

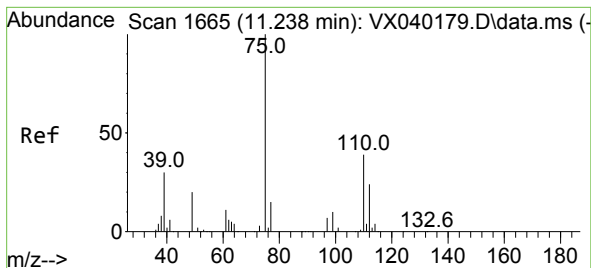
Tgt Ion:117 Resp: 127231
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion:152 Resp: 63779
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.648 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040356.D

Acq: 20 Feb 2024 15:01

Instrument :

MSVOA_X

ClientSampleId :

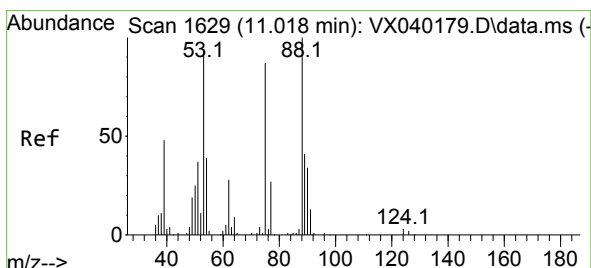
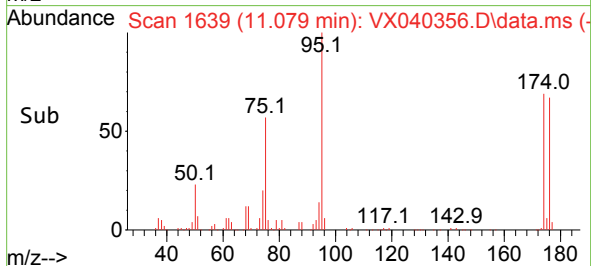
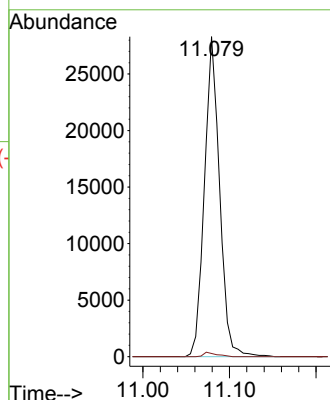
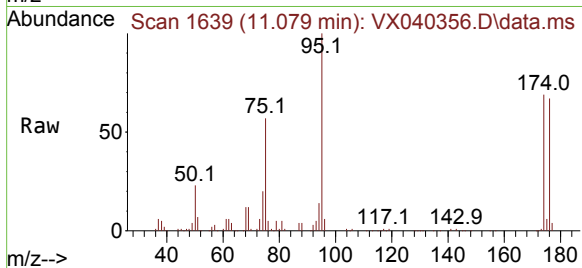
TB-20240215

Tgt Ion: 75 Resp: 34417

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.067 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040356.D

Acq: 20 Feb 2024 15:01

Tgt Ion: 75 Resp: 34417

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

