

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040270.D
 Acq On : 16 Feb 2024 12:04
 Operator : JC/MD
 Sample : P1507-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20240212

Quant Time: Feb 17 01:33:23 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)

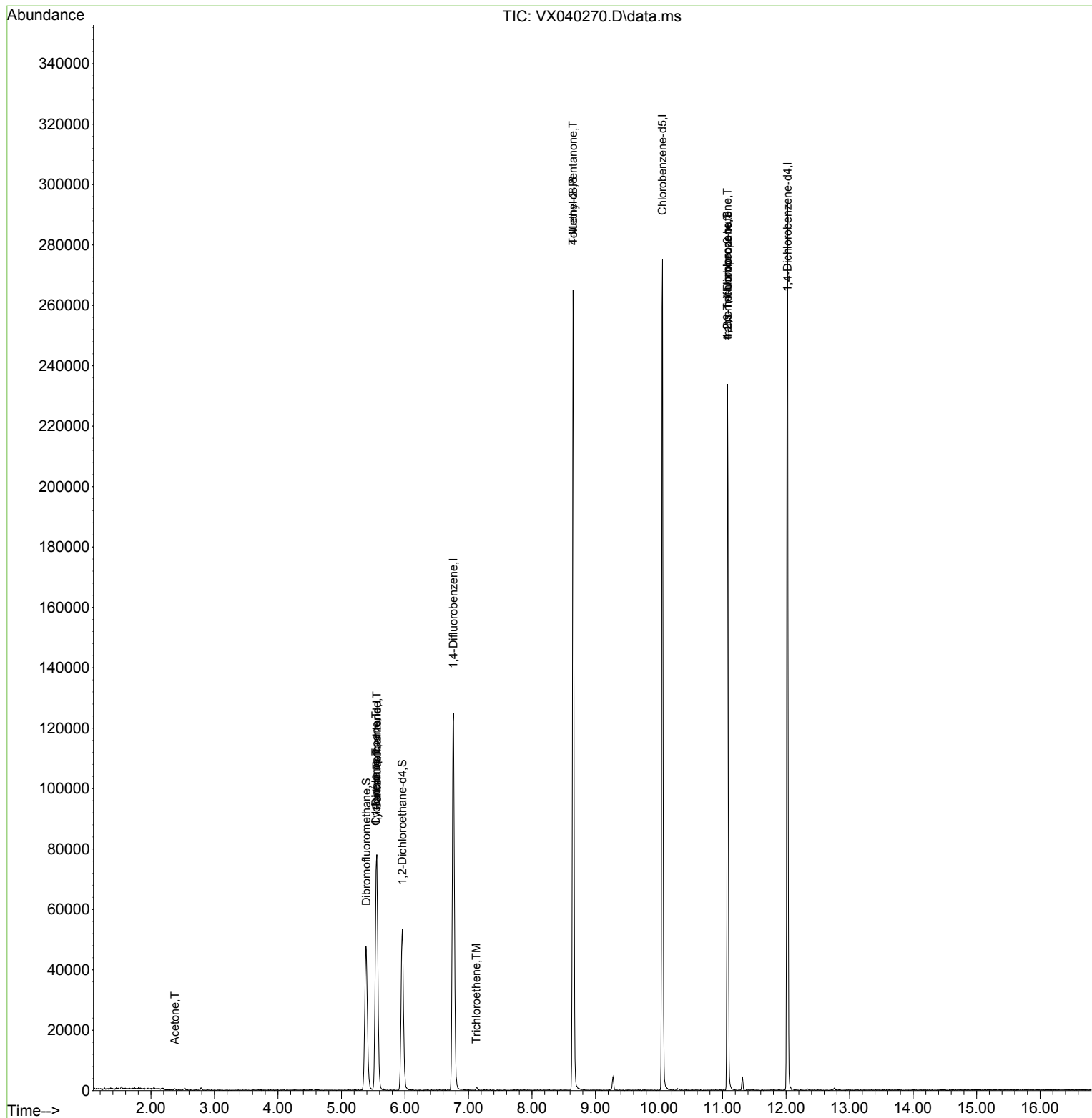
Internal Standards						
1) Pentafluorobenzene	5.556	168	74330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	125948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51880	46.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.840%		
35) Dibromofluoromethane	5.391	113	41431	47.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	8.647	98	155425	47.240	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.480%		
62) 4-Bromofluorobenzene	11.079	95	60346	44.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	611	1.345	ug/l	# 81
20) Methylene Chloride	2.782	84	327	Below Cal		# 64
31) Cyclohexane	5.544	56	1582	1.199	ug/l	# 16
36) 1,1-Dichloropropene	5.544	75	6275	5.093	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	7446	6.356	ug/l	# 15
44) Trichloroethene	7.123	130	350	0.368	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.647	43	664	0.454	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	31545	24.736	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	31545	68.079	ug/l	# 5

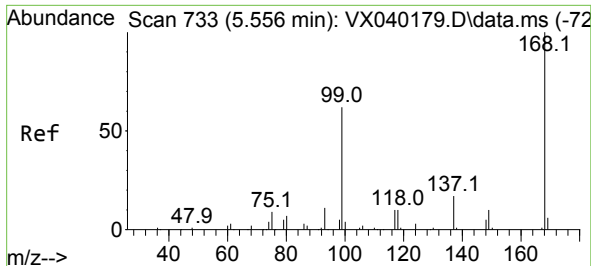
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
Data File : VX040270.D
Acq On : 16 Feb 2024 12:04
Operator : JC/MD
Sample : P1507-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

Quant Time: Feb 17 01:33:23 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

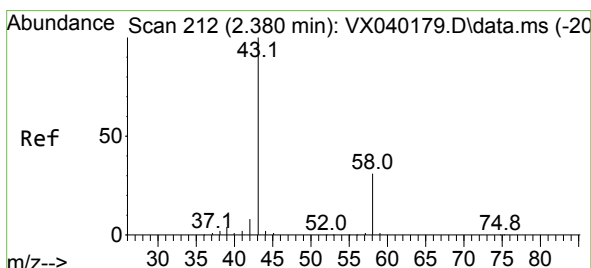
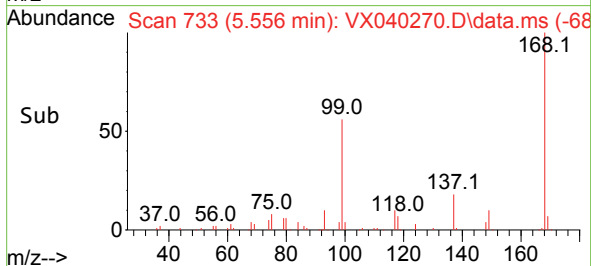
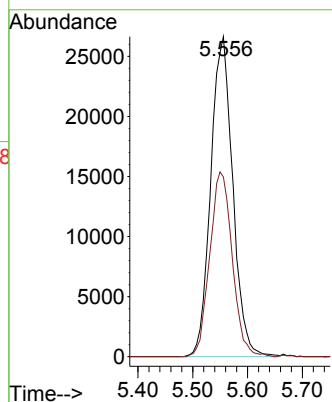
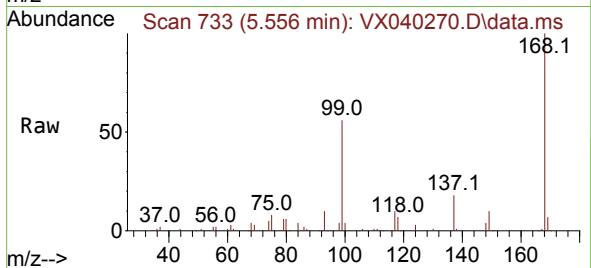




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

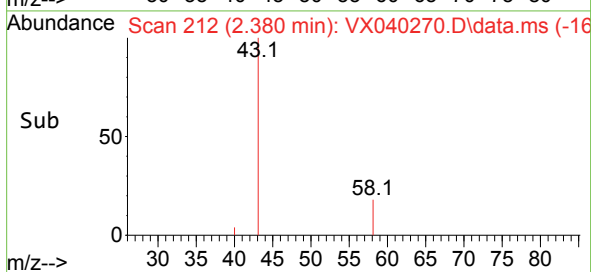
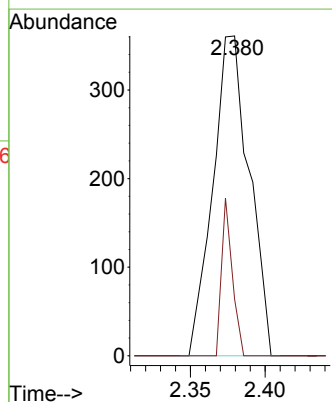
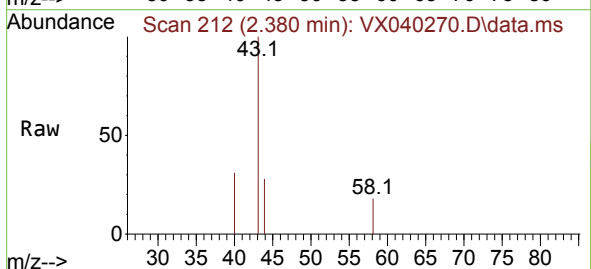
Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

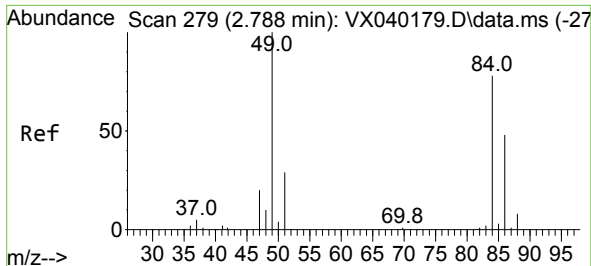
Tgt Ion:168 Resp: 74330
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#16
Acetone
Concen: 1.345 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 17.7 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040270.D

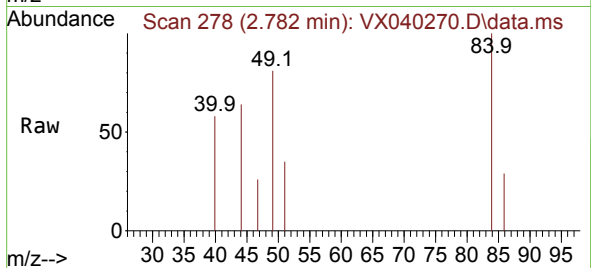
Acq: 16 Feb 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

TB01-20240212



Tgt Ion: 84 Resp: 327

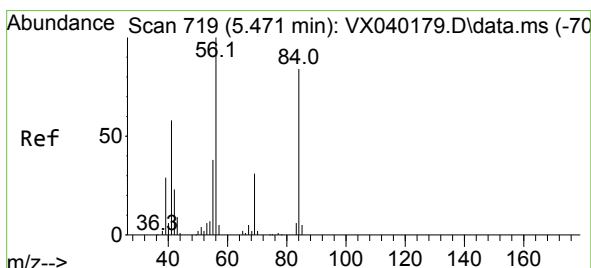
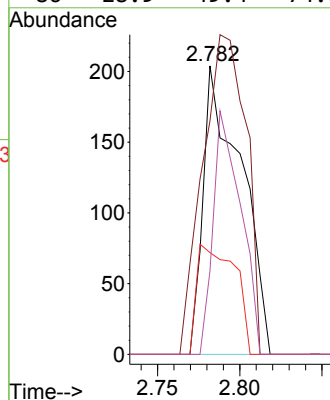
Ion Ratio Lower Upper

84 100

49 80.9 103.6 155.4#

51 35.3 33.8 50.6

86 28.9 49.4 74.0#



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040270.D

Acq: 16 Feb 2024 12:04

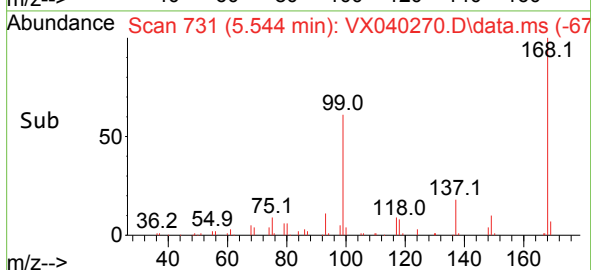
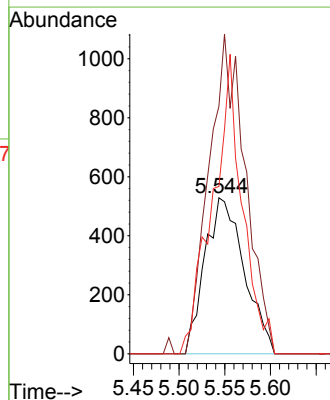
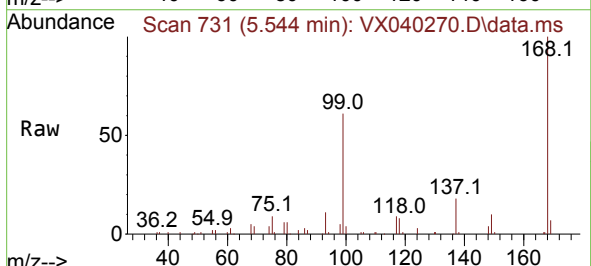
Tgt Ion: 56 Resp: 1582

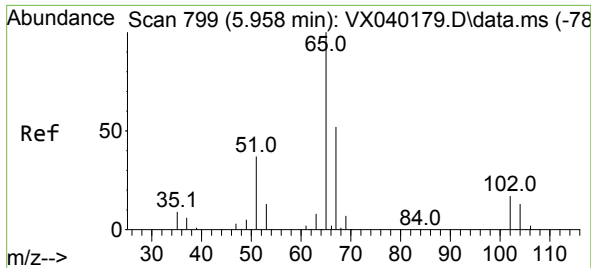
Ion Ratio Lower Upper

56 100

69 158.6 23.4 35.2#

84 107.2 65.9 98.9#

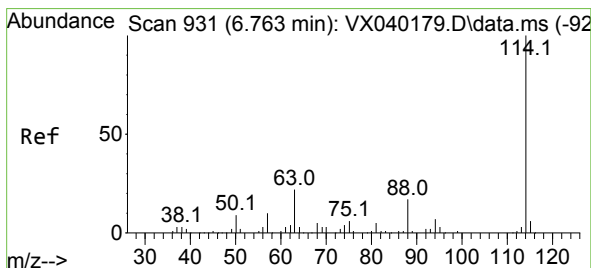
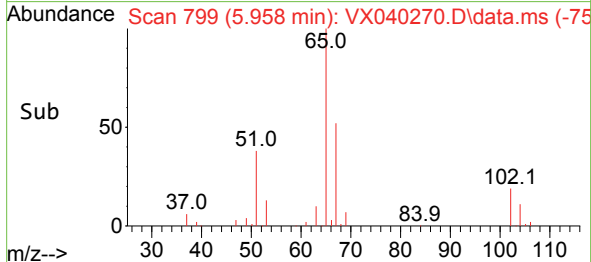
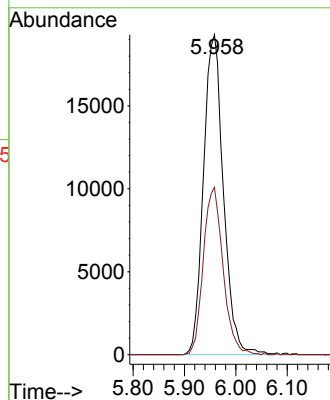
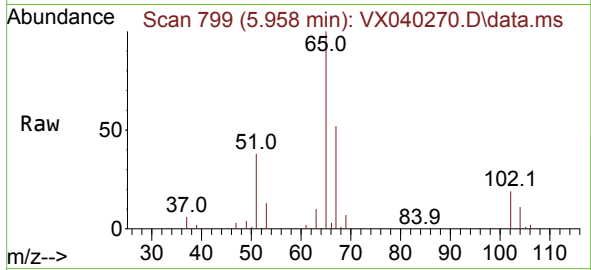




#33
1,2-Dichloroethane-d4
Concen: 46.916 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

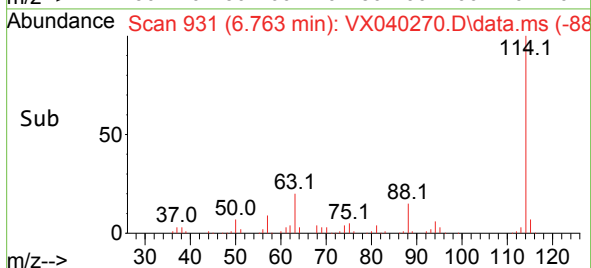
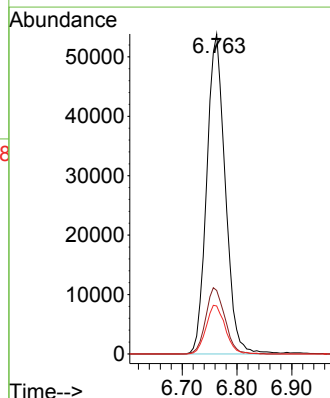
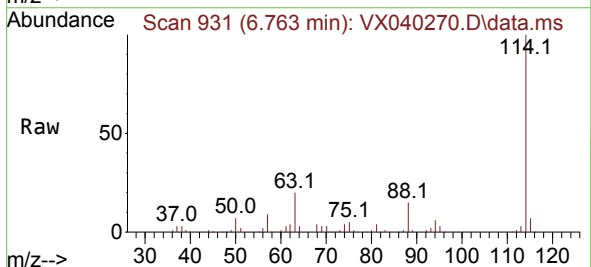
Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

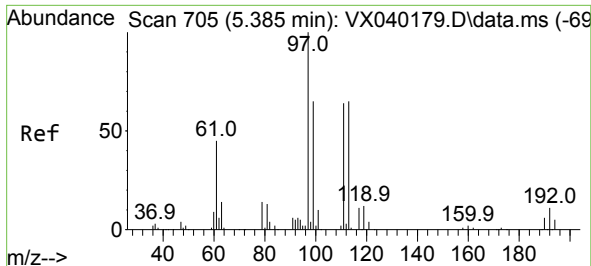
Tgt Ion: 65 Resp: 51880
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

Tgt Ion: 114 Resp: 125948
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.0 0.0 36.6

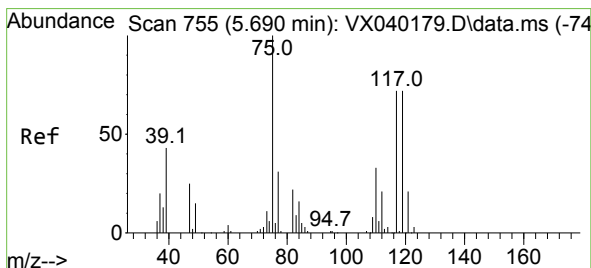
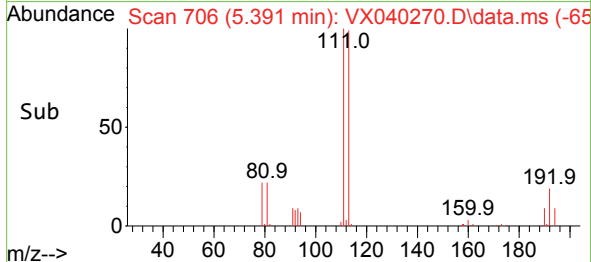
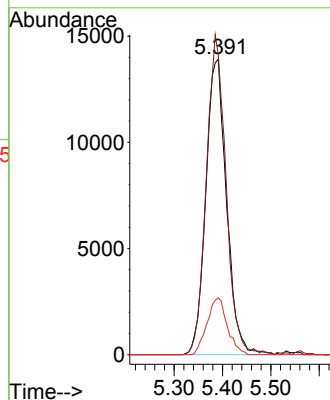
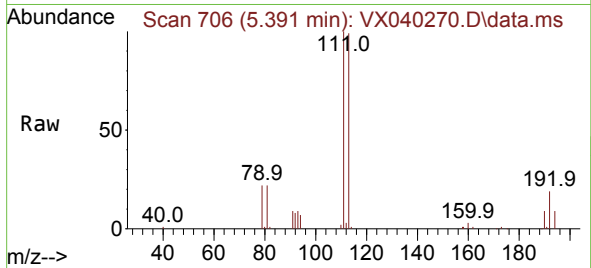




#35
Dibromofluoromethane
Concen: 47.105 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

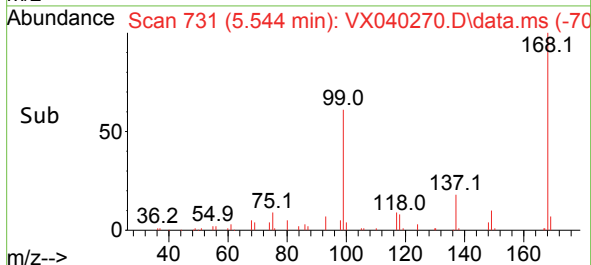
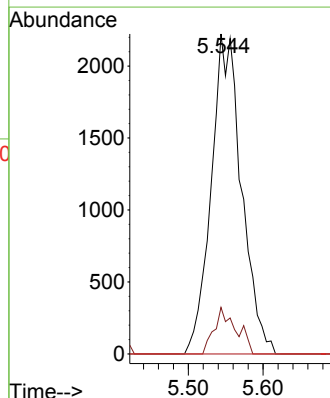
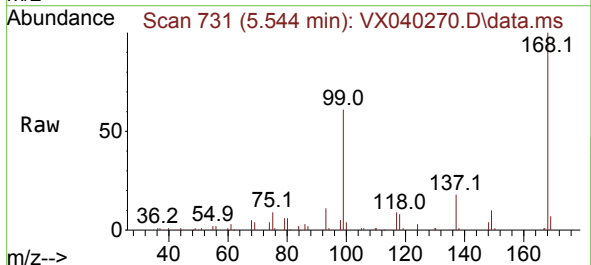
Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

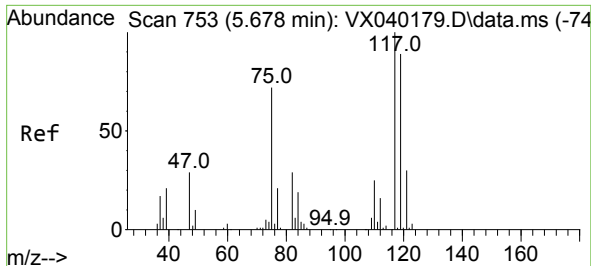
Tgt Ion:113 Resp: 41431
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

Tgt Ion: 75 Resp: 6275
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.356 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX040270.D

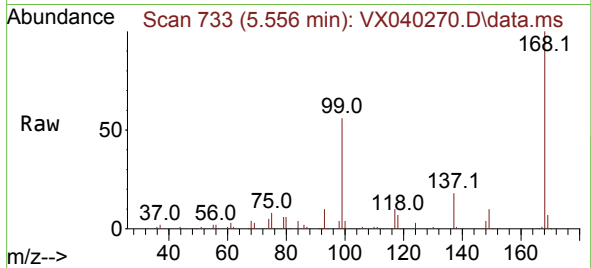
Acq: 16 Feb 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

TB01-20240212



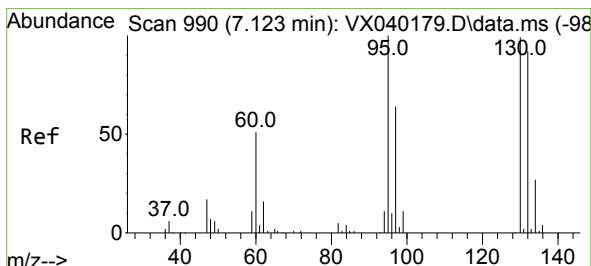
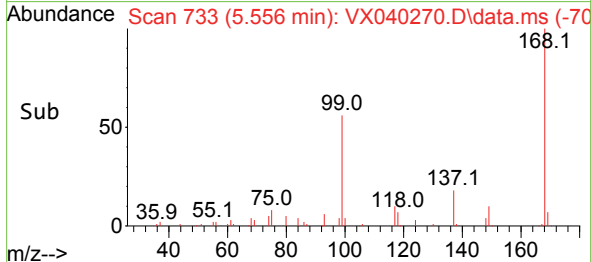
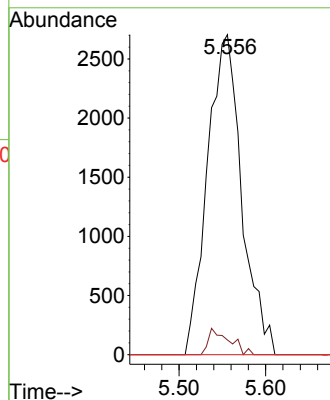
Tgt Ion:117 Resp: 7446

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.368 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040270.D

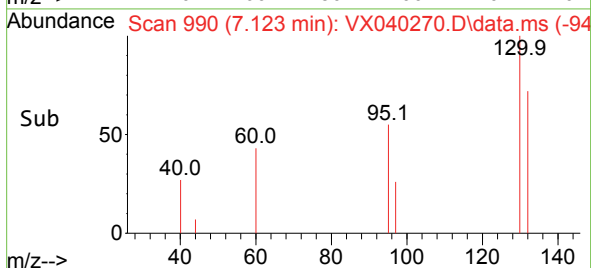
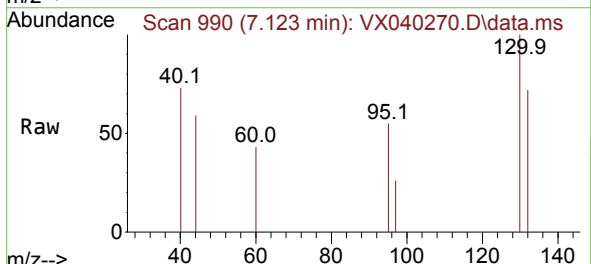
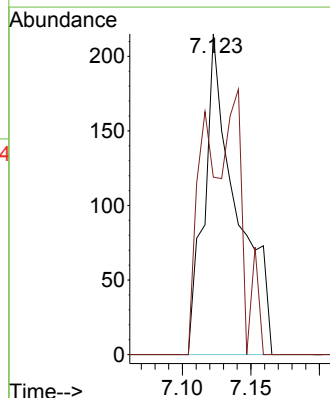
Acq: 16 Feb 2024 12:04

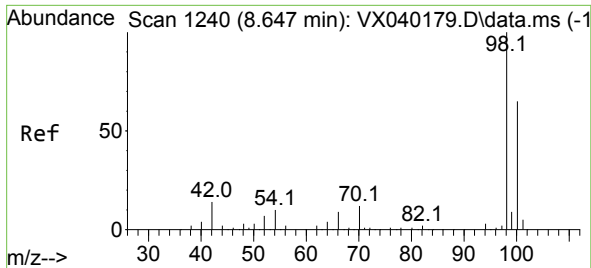
Tgt Ion:130 Resp: 350

Ion Ratio Lower Upper

130 100

95 55.3 0.0 204.4

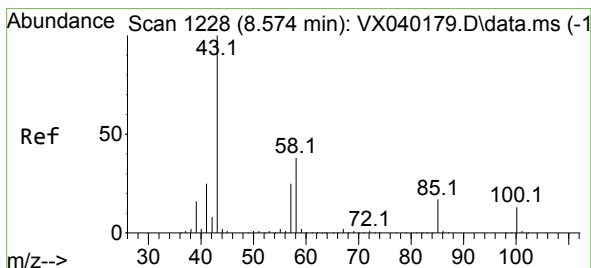
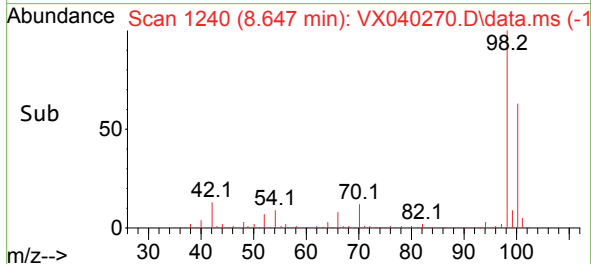
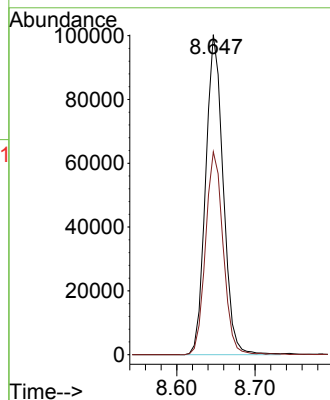
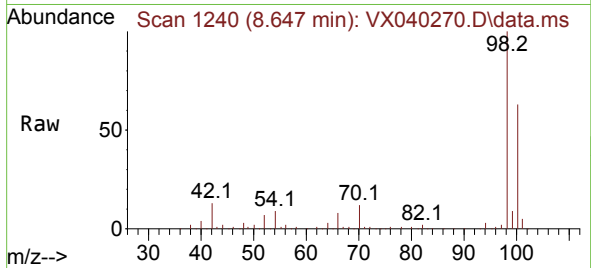




#50
Toluene-d8
Concen: 47.240 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

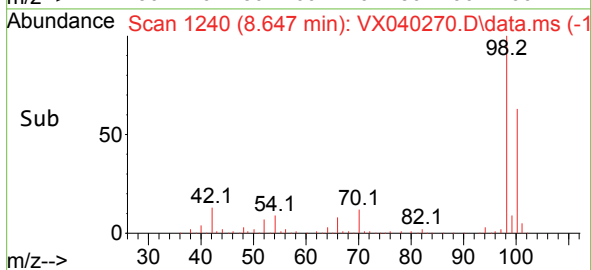
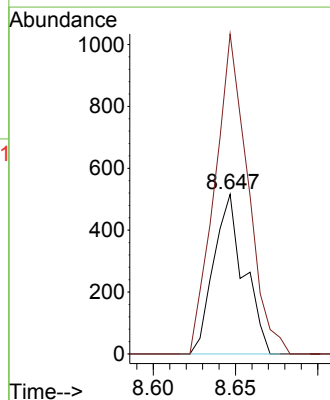
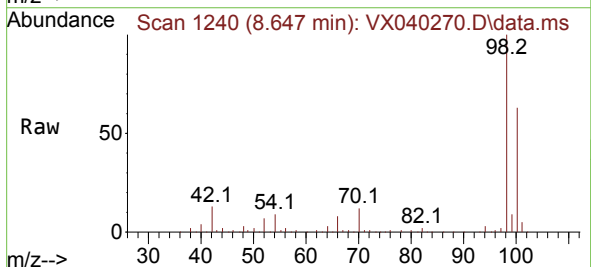
Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

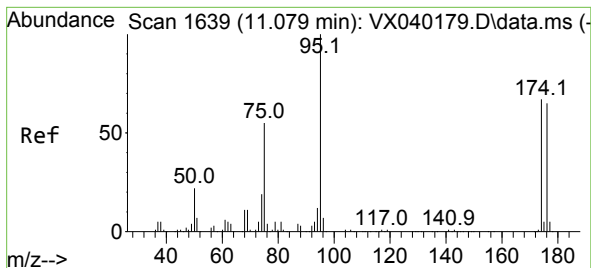
Tgt Ion: 98 Resp: 155425
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 218.4 30.4 45.6#

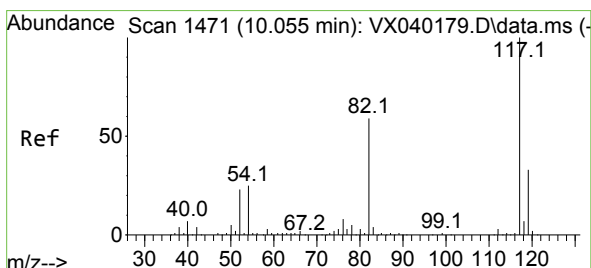
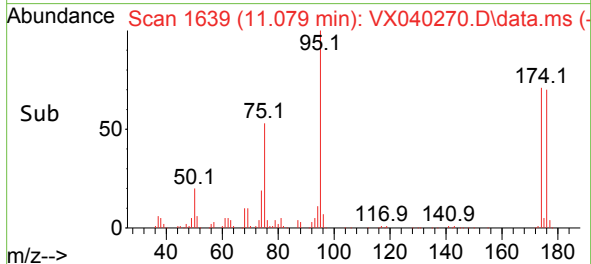
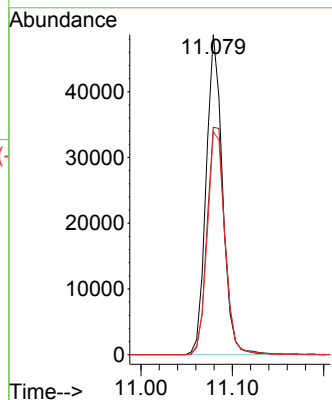
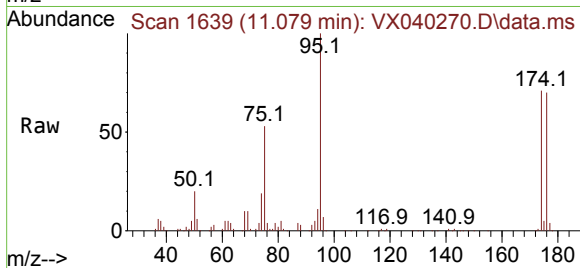




#62
4-Bromofluorobenzene
Concen: 44.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

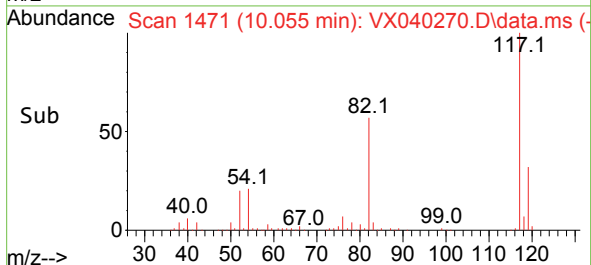
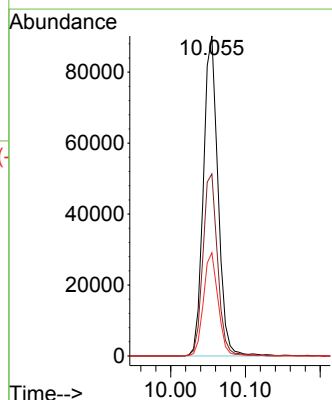
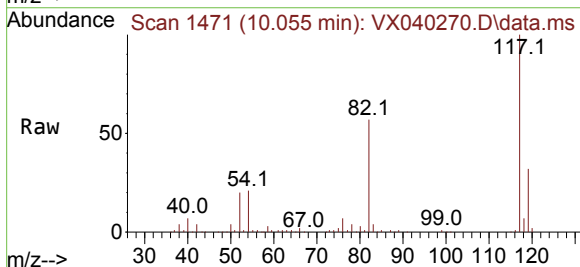
Instrument :
MSVOA_X
ClientSampleId :
TB01-20240212

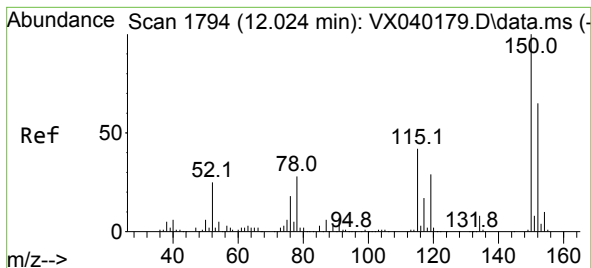
Tgt Ion: 95 Resp: 60346
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 75.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040270.D
Acq: 16 Feb 2024 12:04

Tgt Ion: 117 Resp: 122477
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040270.D

Acq: 16 Feb 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

TB01-20240212

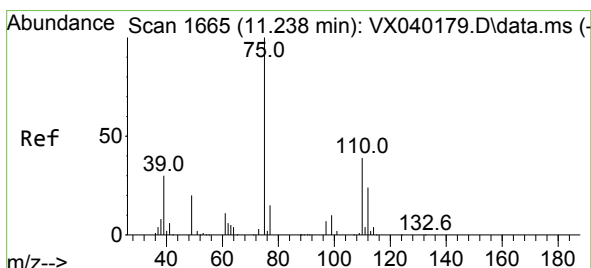
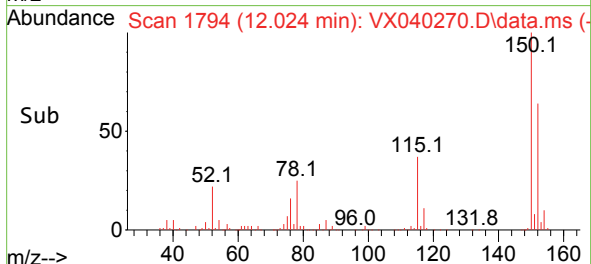
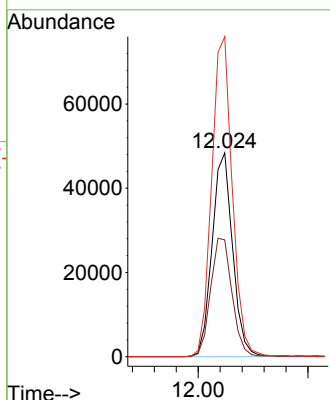
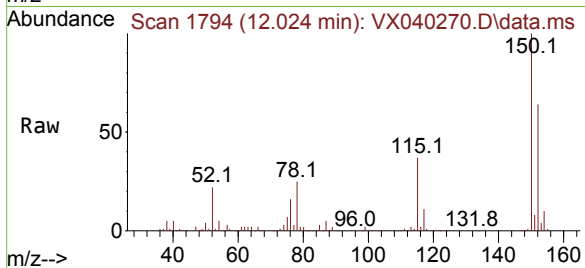
Tgt Ion:152 Resp: 62976

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.736 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040270.D

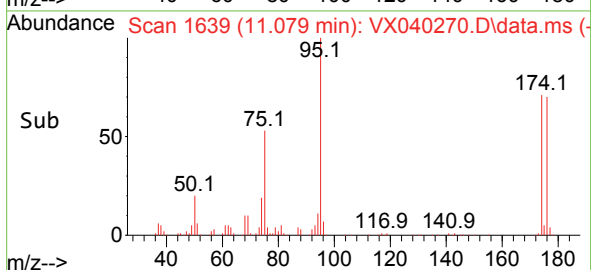
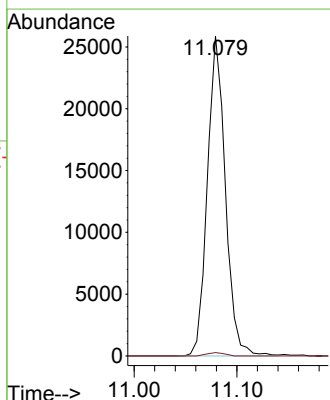
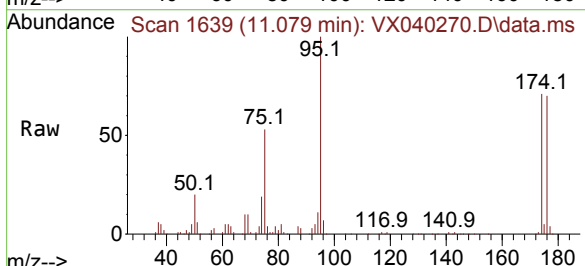
Acq: 16 Feb 2024 12:04

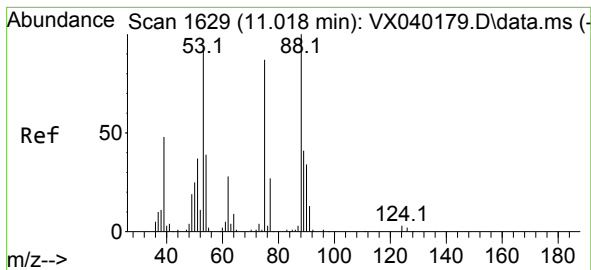
Tgt Ion: 75 Resp: 31545

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.079 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040270.D
 Acq: 16 Feb 2024 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20240212

Tgt Ion: 75 Resp: 31545
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

