

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037118.D
 Acq On : 19 Aug 2023 08:45
 Operator : JC/MD
 Sample : 04025-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230814

Quant Time: Aug 21 01:45:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

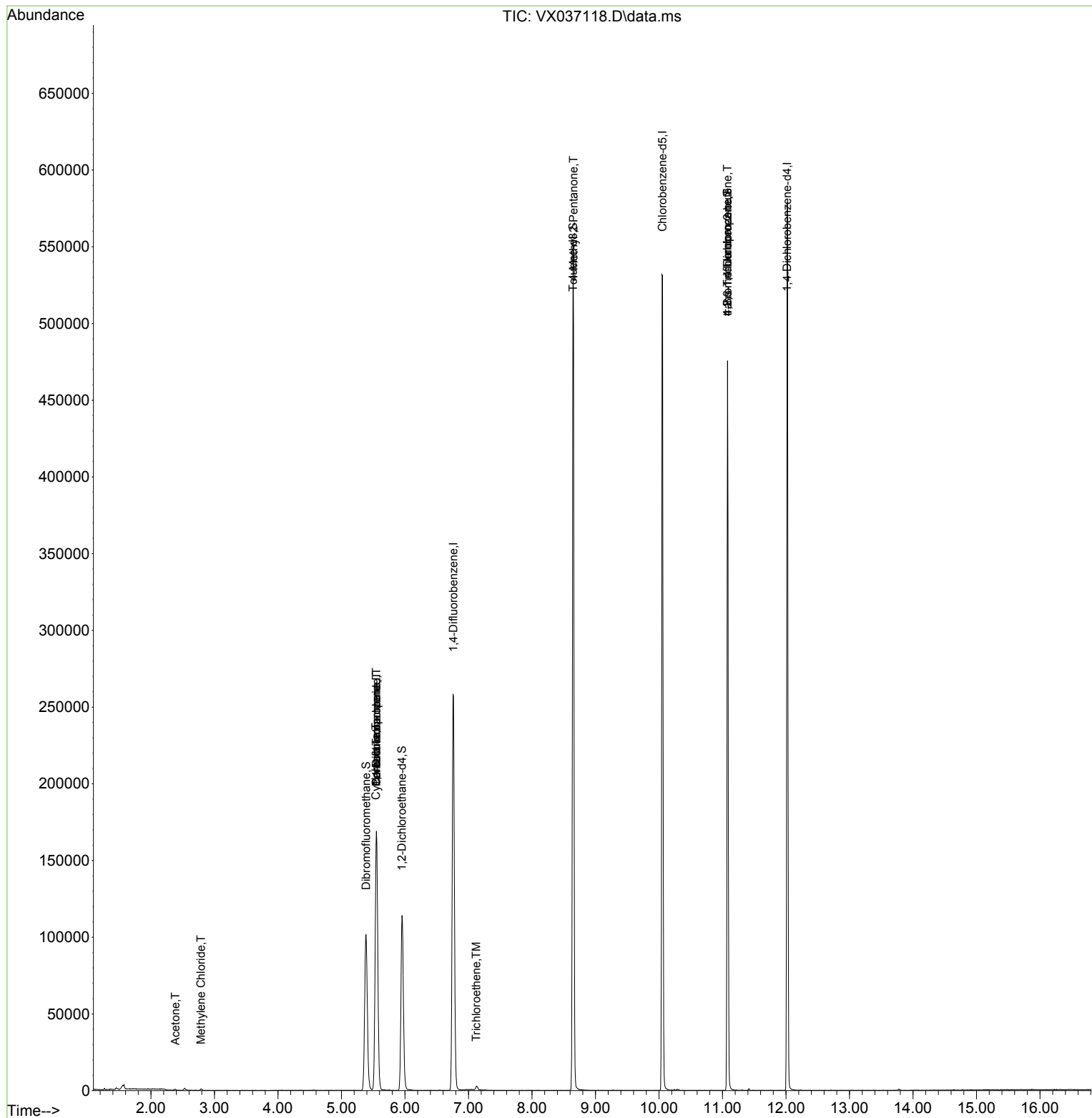
Internal Standards						
1) Pentafluorobenzene	5.550	168	156428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115172	51.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.140%
35) Dibromofluoromethane	5.385	113	89733	49.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	335954	51.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	128144	49.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.460%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	840	0.952	ug/l	93
20) Methylene Chloride	2.788	84	504	0.255	ug/l #	69
31) Cyclohexane	5.544	56	3183	1.255	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12384	4.822	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17120	6.137	ug/l #	15
44) Trichloroethene	7.123	130	1118	0.535	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1443	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66934	26.921	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66934	75.191	ug/l #	5

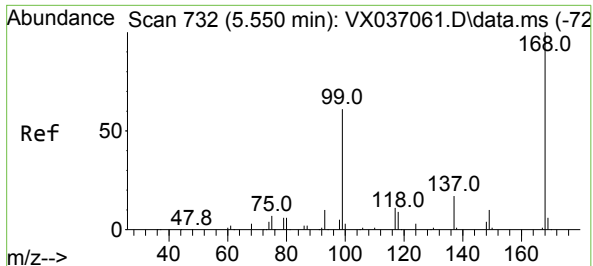
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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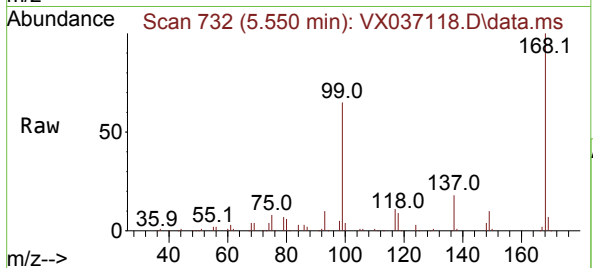
Quant Time: Aug 21 01:45:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



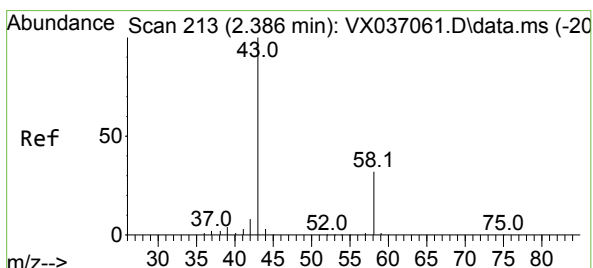
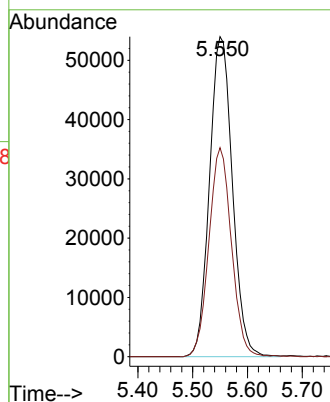
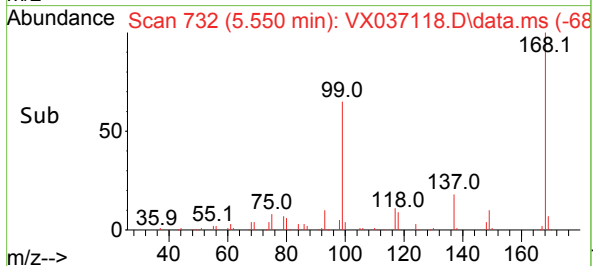


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

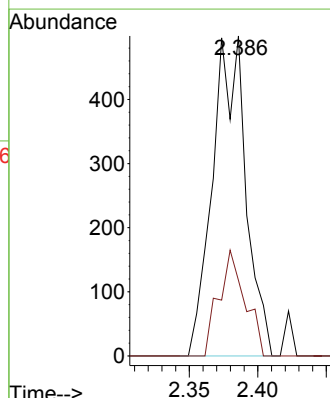
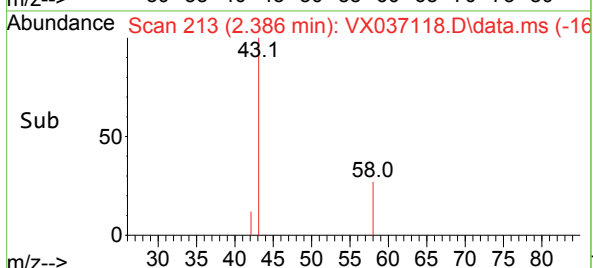
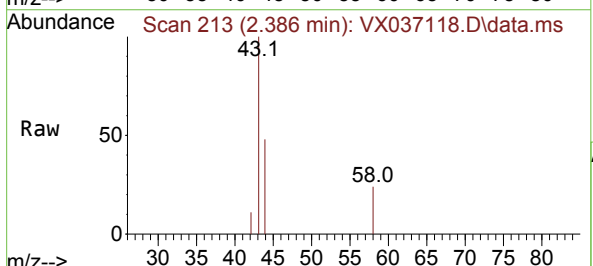


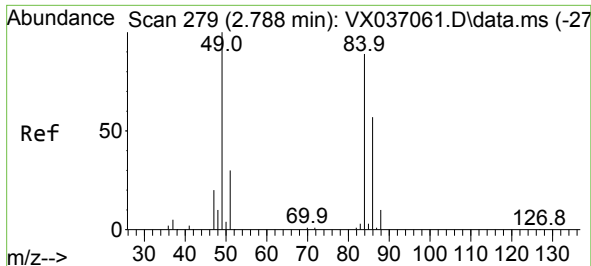
Tgt Ion:168 Resp: 156428
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#16
Acetone
Concen: 0.952 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9

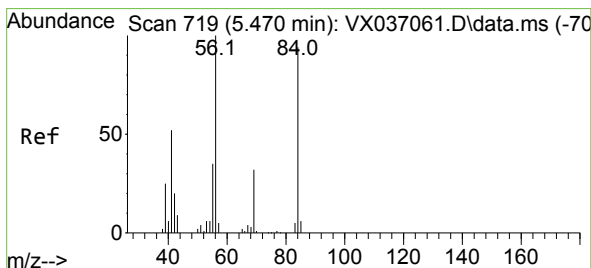
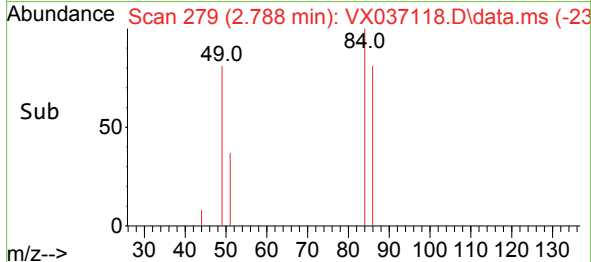
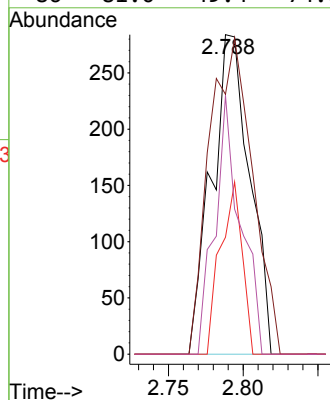
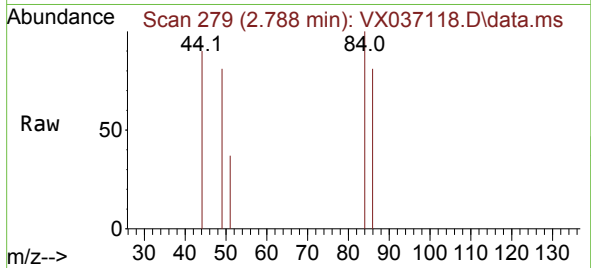




#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

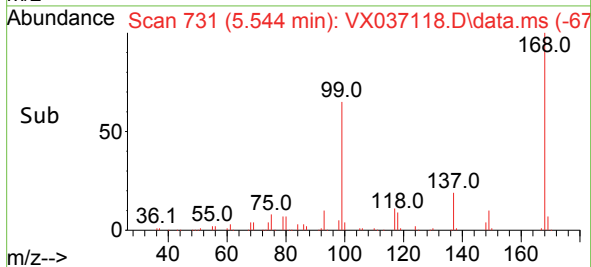
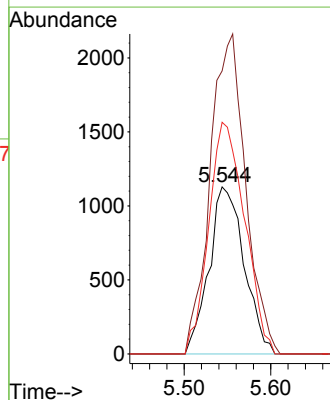
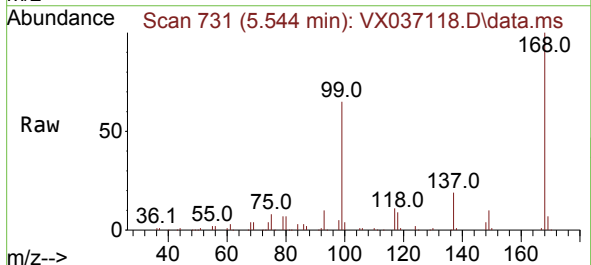
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

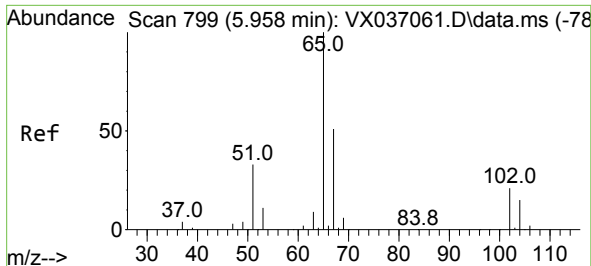
Tgt Ion:	84	Resp:	504
Ion	Ratio	Lower	Upper
84	100		
49	81.3	103.6	155.4#
51	36.6	33.8	50.6
86	81.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion:	56	Resp:	3183
Ion	Ratio	Lower	Upper
56	100		
69	169.5	23.4	35.2#
84	138.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.070 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037118.D

Acq: 19 Aug 2023 08:45

Instrument :

MSVOA_X

ClientSampleId :

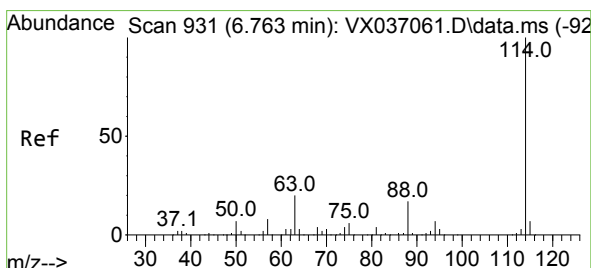
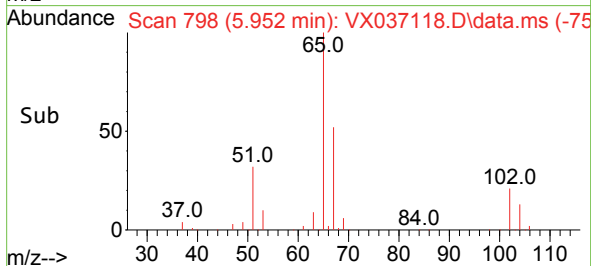
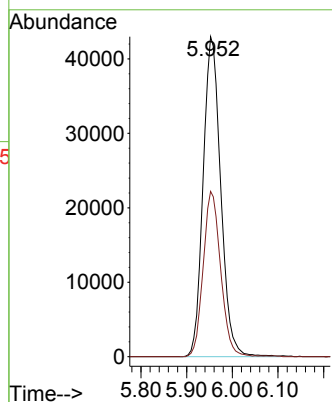
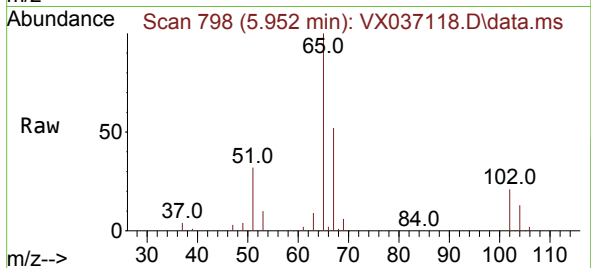
TB01-20230814

Tgt Ion: 65 Resp: 115172

Ion Ratio Lower Upper

65 100

67 51.4 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: VX037118.D

Acq: 19 Aug 2023 08:45

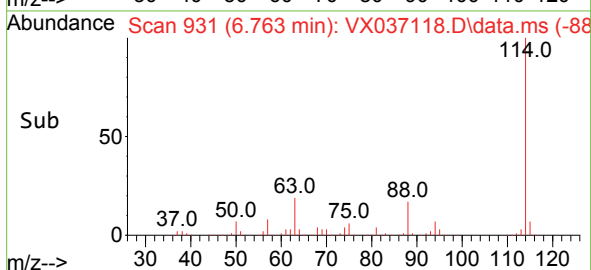
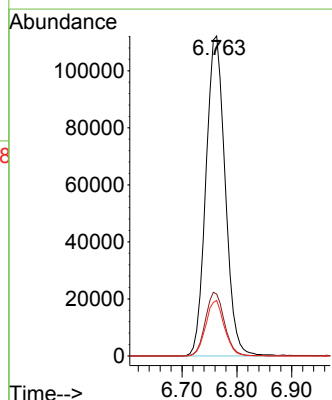
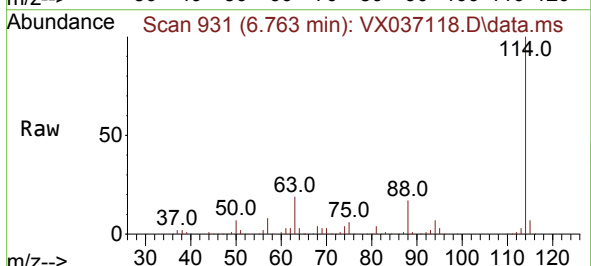
Tgt Ion: 114 Resp: 272935

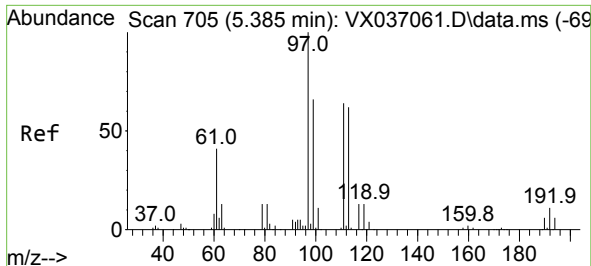
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 17.3 0.0 36.6

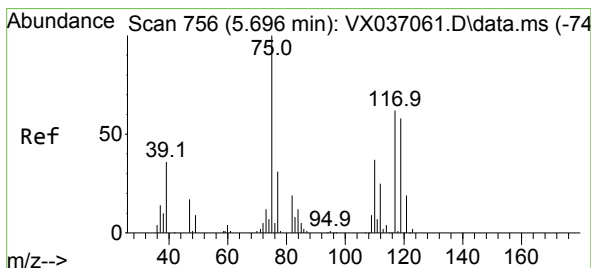
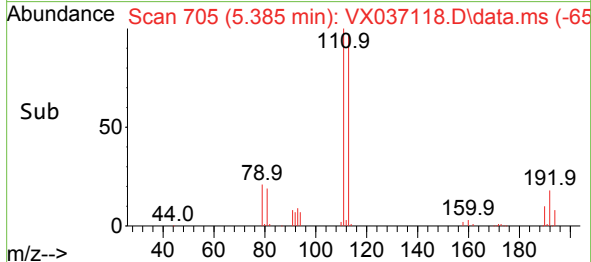
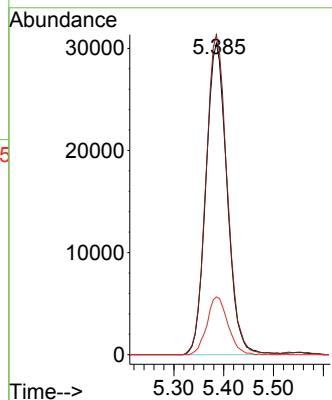
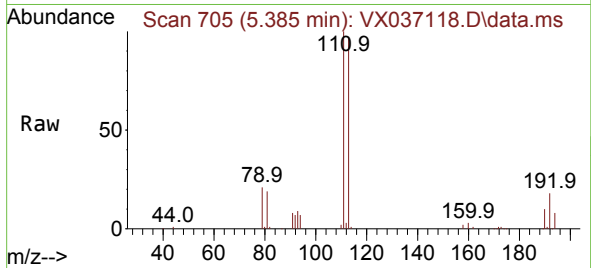




#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

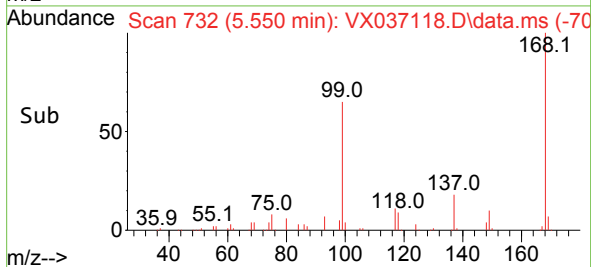
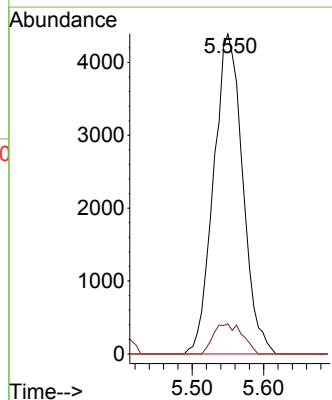
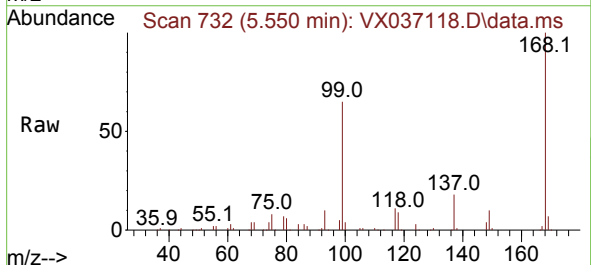
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

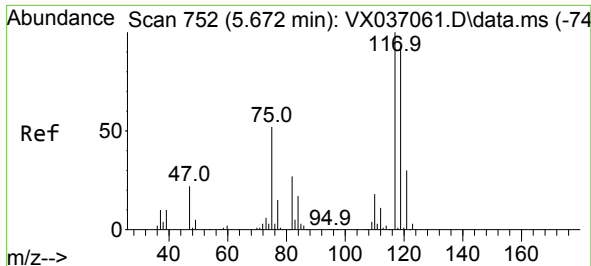
Tgt Ion:113 Resp: 89733
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

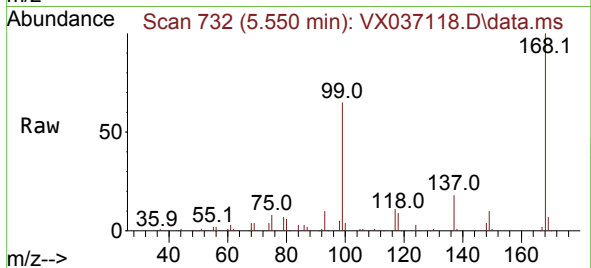
Tgt Ion: 75 Resp: 12384
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



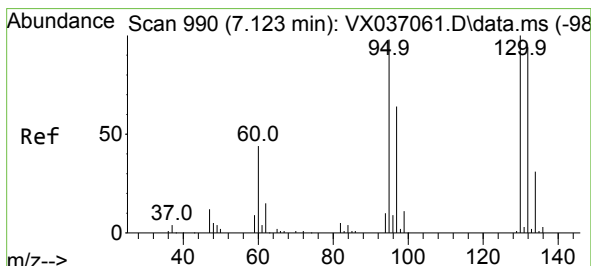
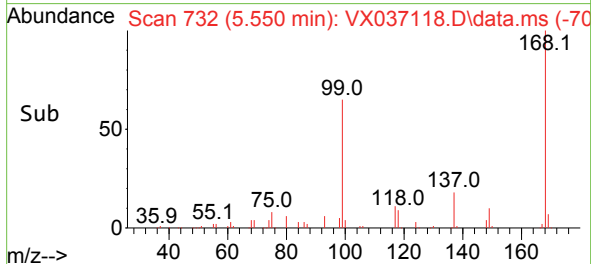
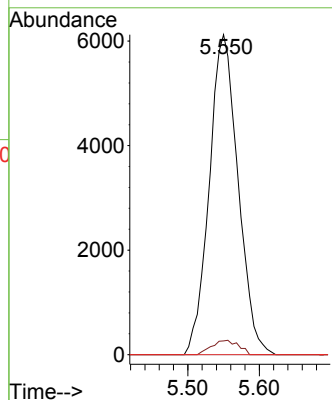


#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

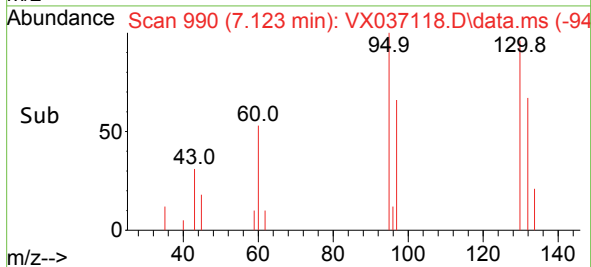
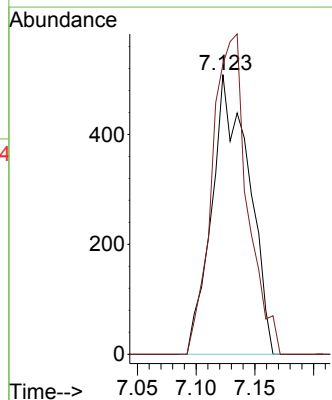
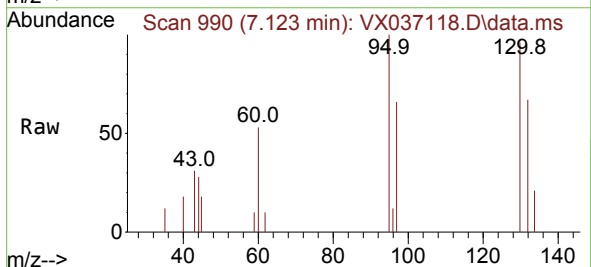


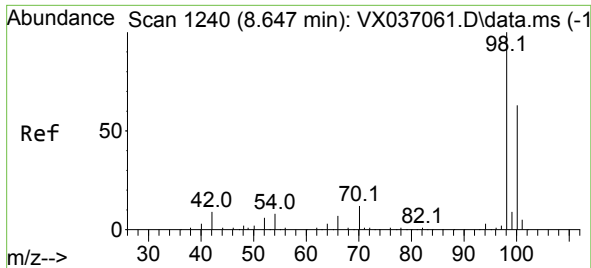
Tgt Ion:117 Resp: 17120
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.535 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion:130 Resp: 1118
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.4

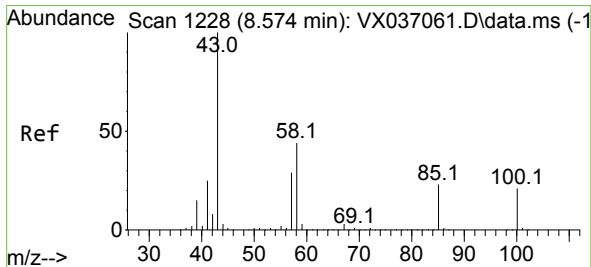
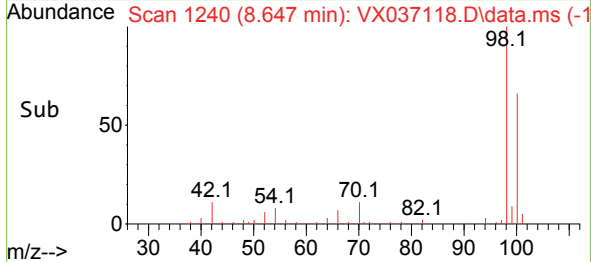
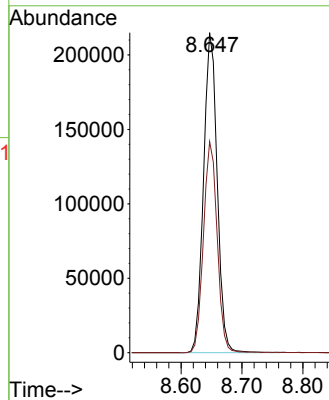
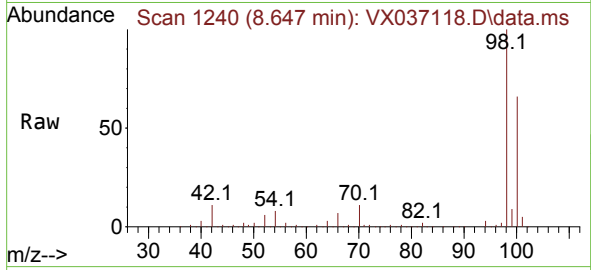




#50
Toluene-d8
Concen: 51.238 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

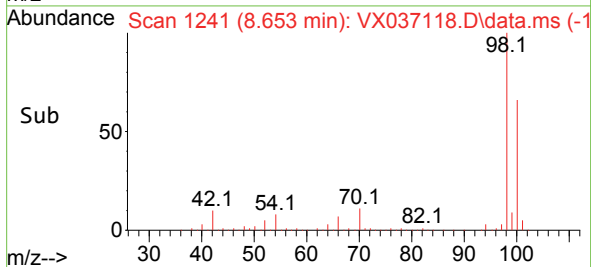
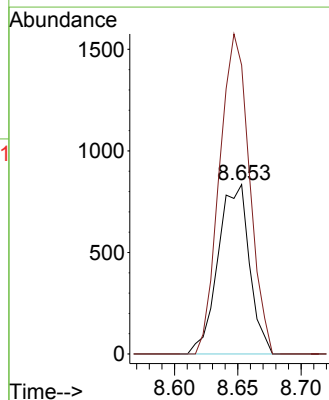
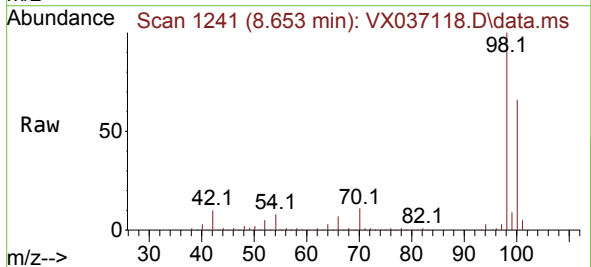
Instrument :
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TB01-20230814

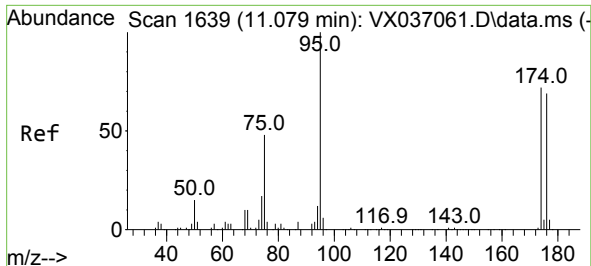
Tgt Ion: 98 Resp: 335954
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 179.9 30.4 45.6#

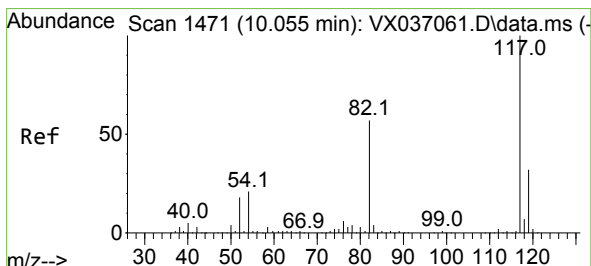
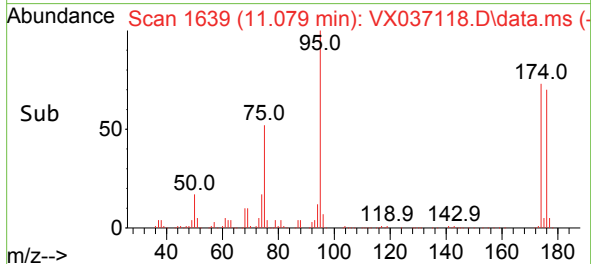
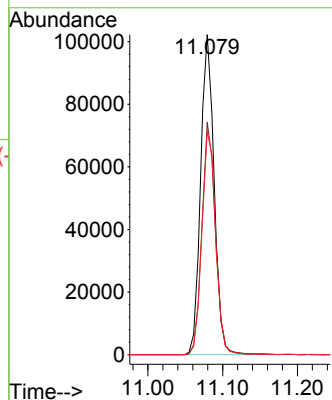
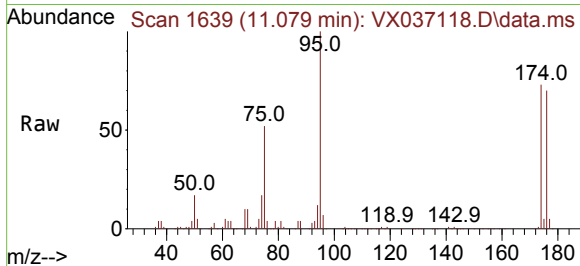




#62
4-Bromofluorobenzene
Concen: 49.731 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

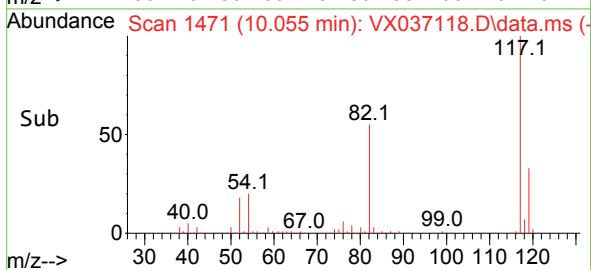
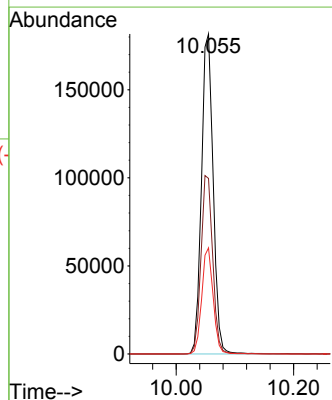
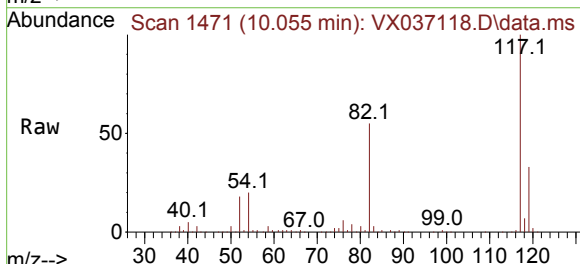
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

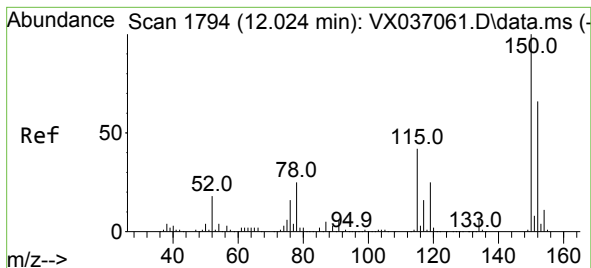
Tgt Ion: 95 Resp: 128144
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion: 117 Resp: 251495
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 33.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037118.D

Acq: 19 Aug 2023 08:45

Instrument :

MSVOA_X

ClientSampleId :

TB01-20230814

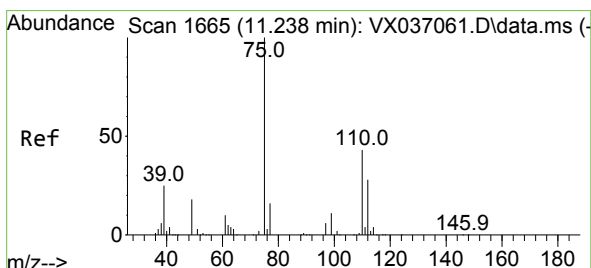
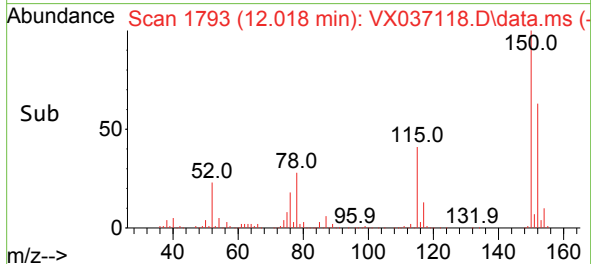
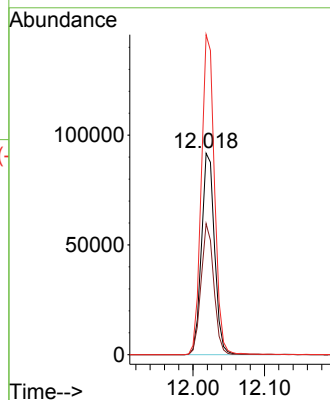
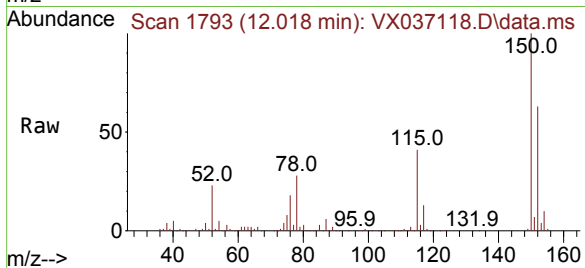
Tgt Ion:152 Resp: 116748

Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 159.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.921 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037118.D

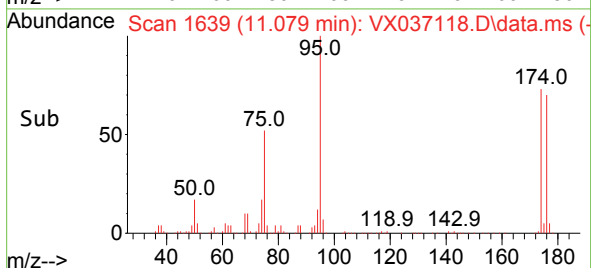
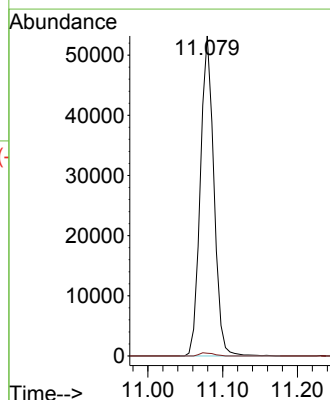
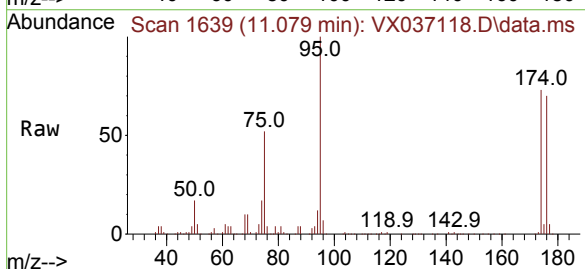
Acq: 19 Aug 2023 08:45

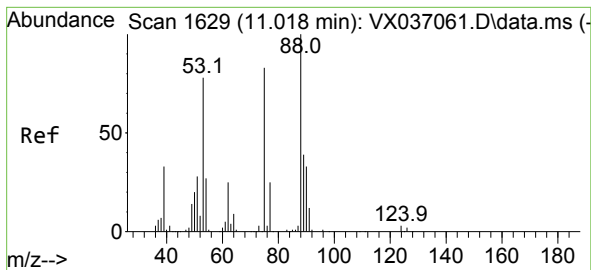
Tgt Ion: 75 Resp: 66934

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.191 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037118.D
 Acq: 19 Aug 2023 08:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230814

Tgt Ion: 75 Resp: 66934
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

