

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037438.D
 Acq On : 31 Aug 2023 18:19
 Operator : JC/MD
 Sample : 04182-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

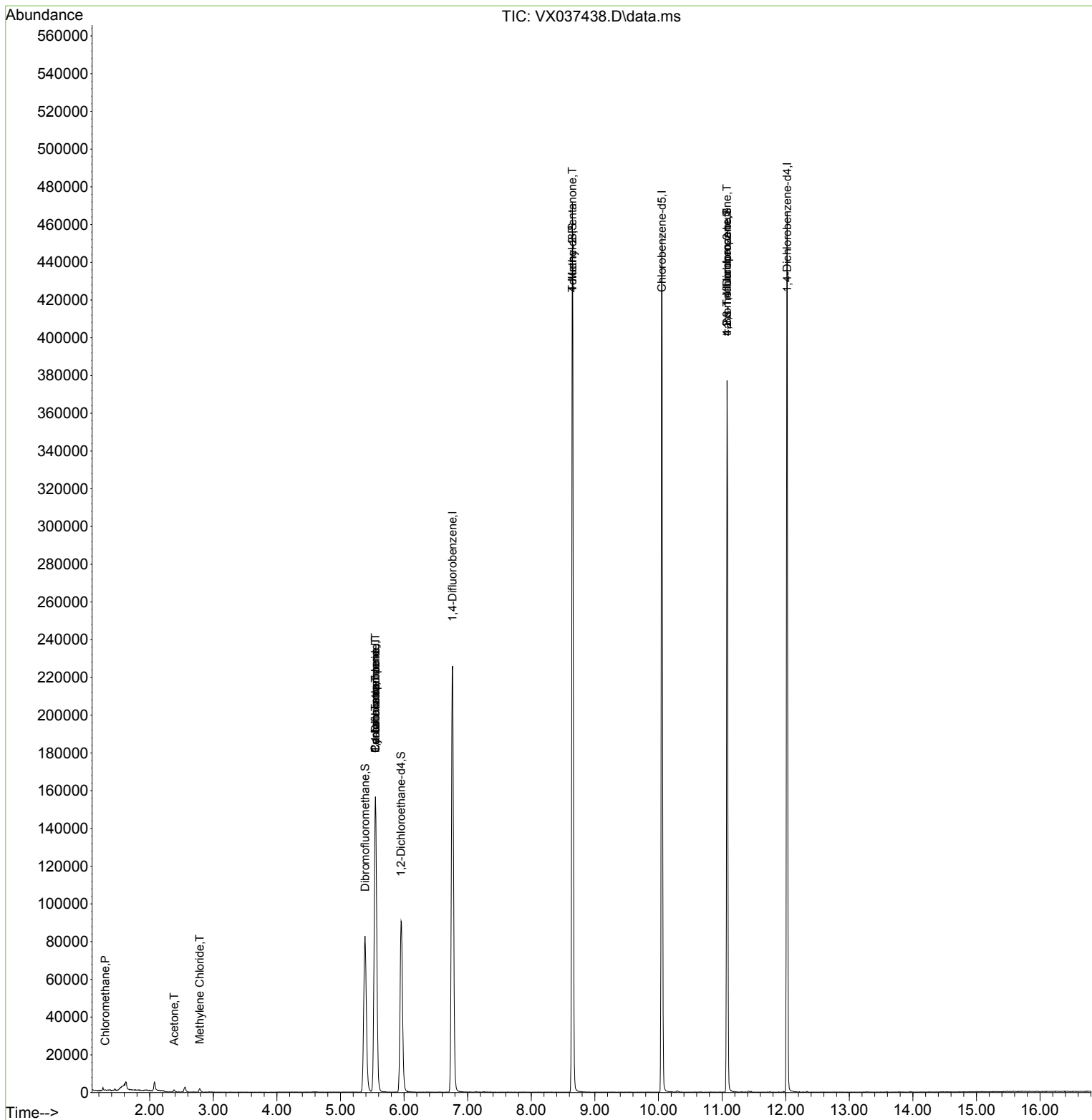
Quant Time: Sep 01 03:15:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

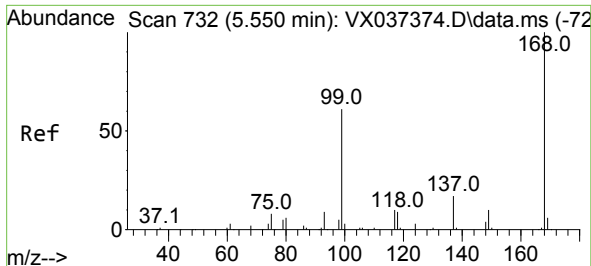
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	147739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91702	43.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.100%
35) Dibromofluoromethane	5.385	113	73722	45.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	286516	48.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	105169	45.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	451	0.300	ug/l	93
16) Acetone	2.386	43	1349	1.619	ug/l #	84
20) Methylene Chloride	2.788	84	1187	0.637	ug/l #	77
31) Cyclohexane	5.550	56	2856	1.193	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11666	5.042	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15559	6.190	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1056	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52167	24.807	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52167	69.288	ug/l #	5

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

Quant Time: Sep 01 03:15:21 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

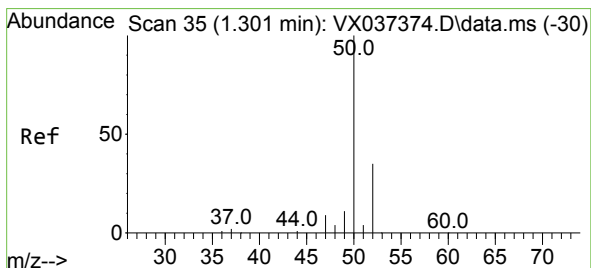
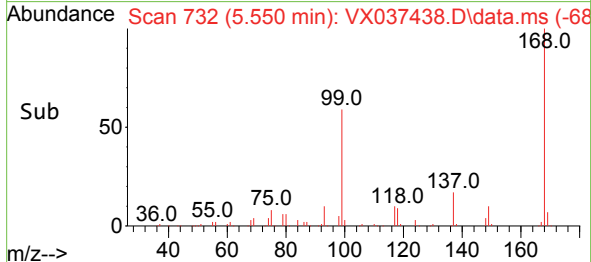
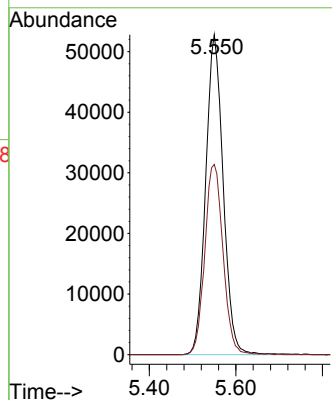
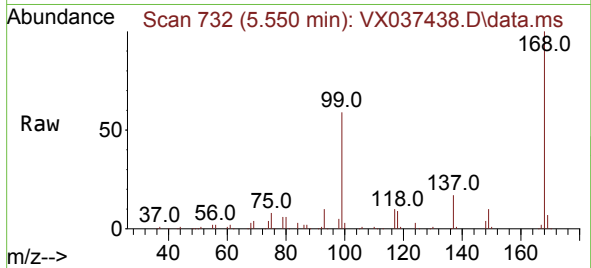




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

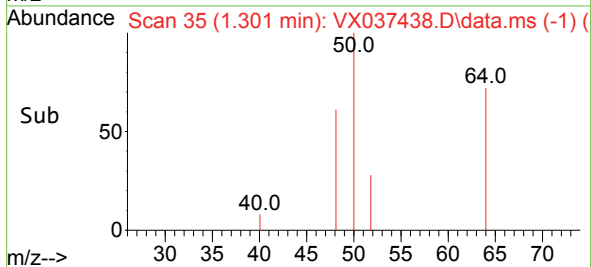
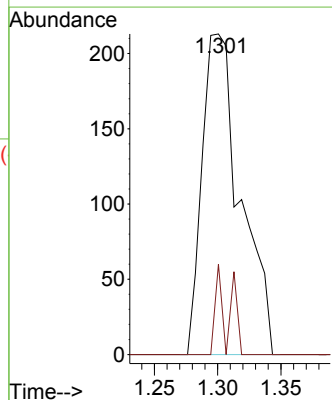
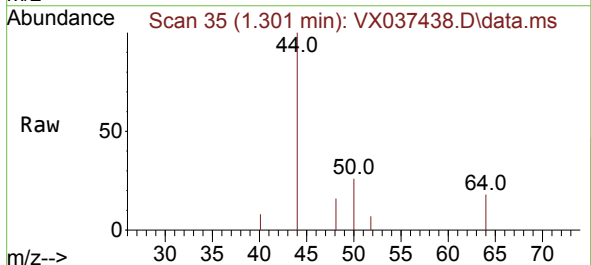
Instrument :
MSVOA_X
ClientSampleId :

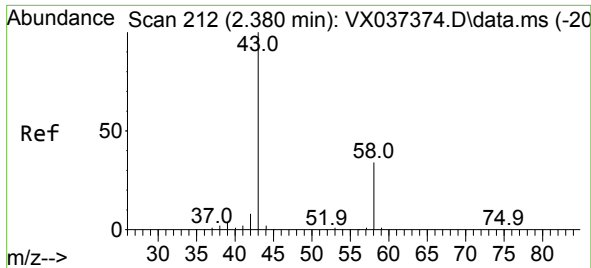
Tgt Ion:168 Resp: 147739
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 28.2 25.5 38.3

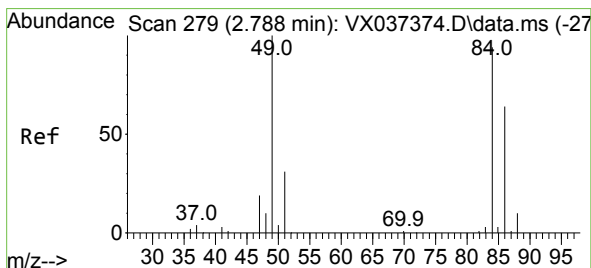
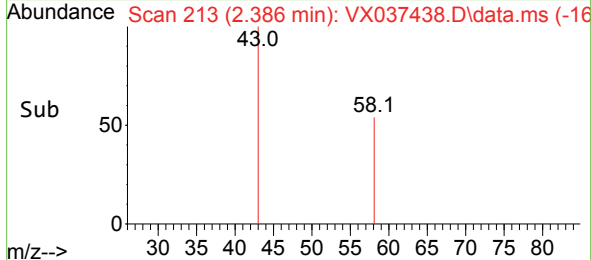
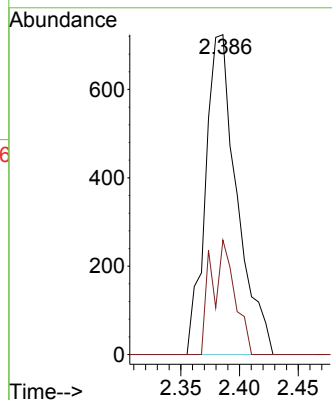
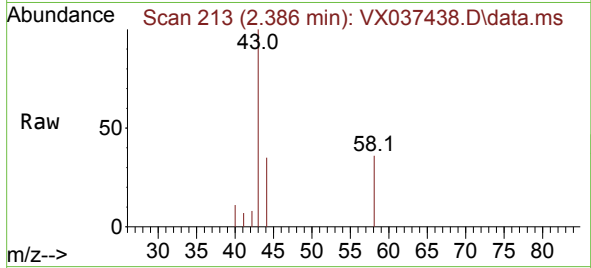




#16
Acetone
Concen: 1.619 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

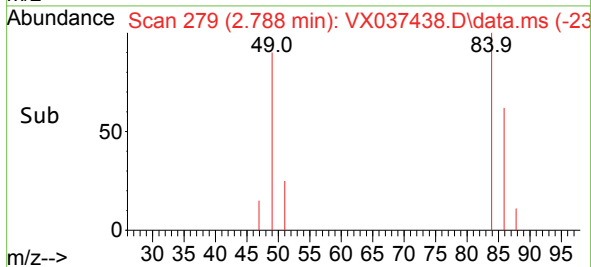
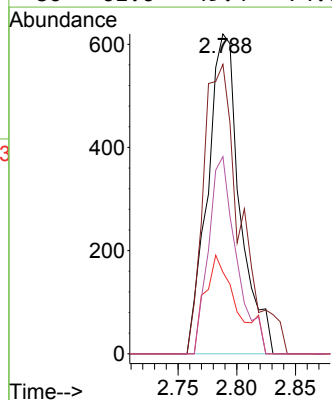
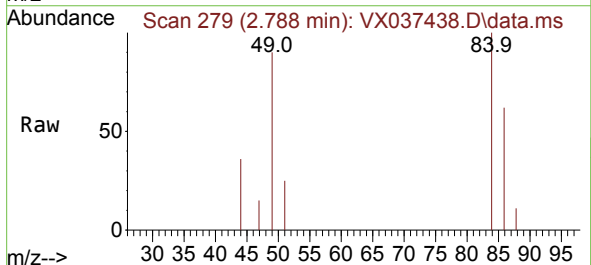
Instrument :
MSVOA_X
ClientSampleId :

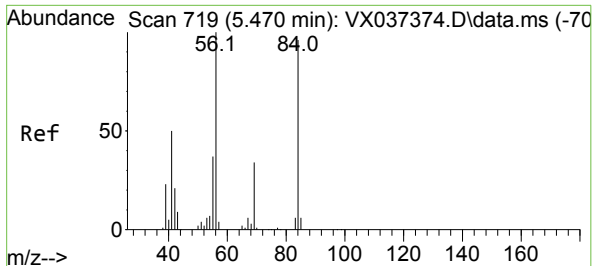
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

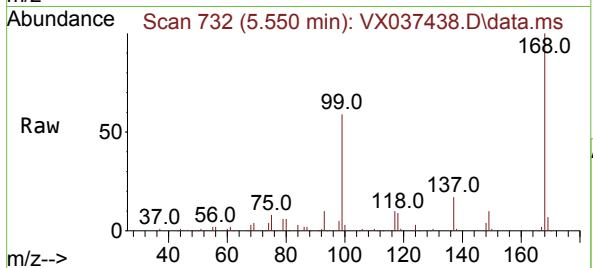
Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
49 90.5 103.6 155.4#
51 25.5 33.8 50.6#
86 61.6 49.4 74.0



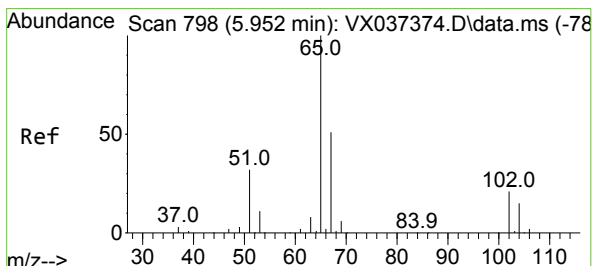
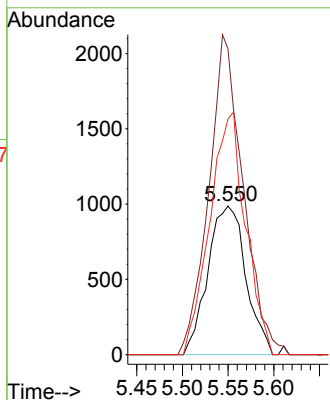
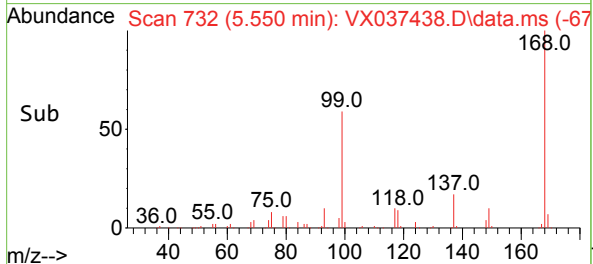


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :

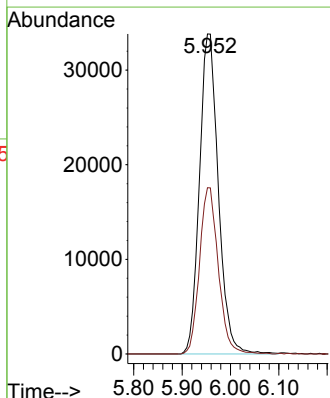
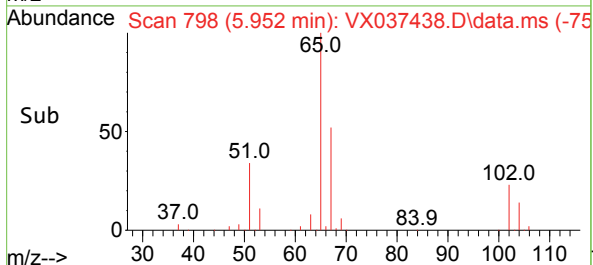
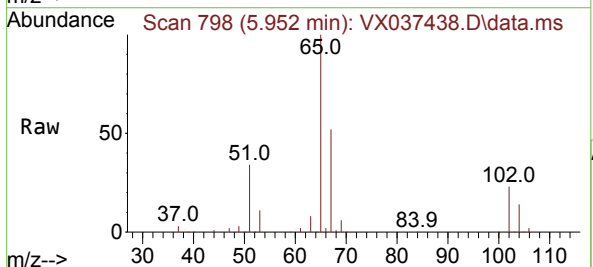


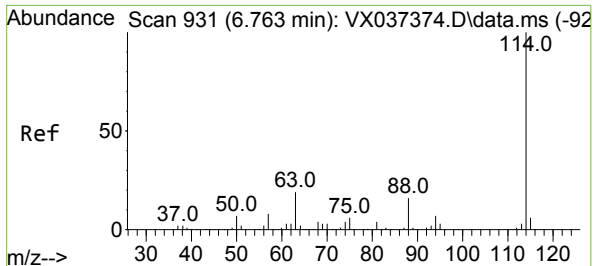
Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 205.9 23.4 35.2#
84 158.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.054 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 65 Resp: 91702
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

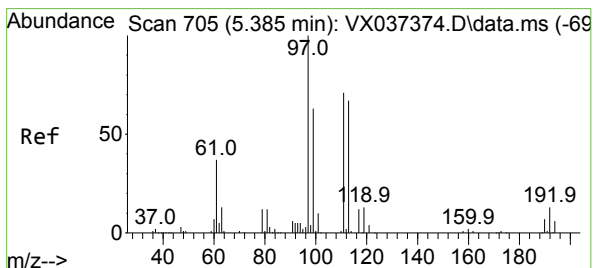
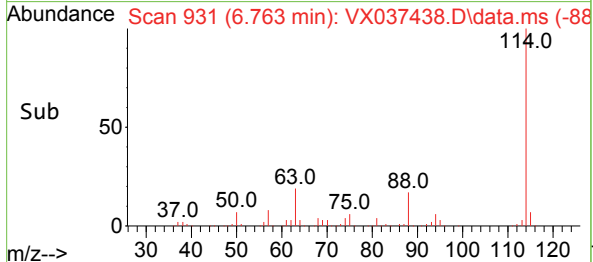
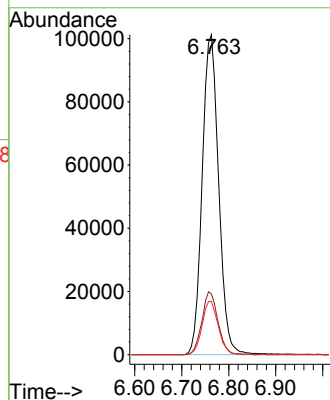
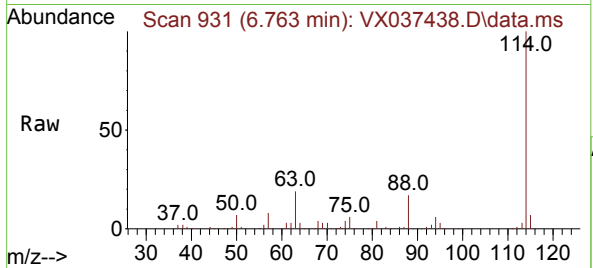




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

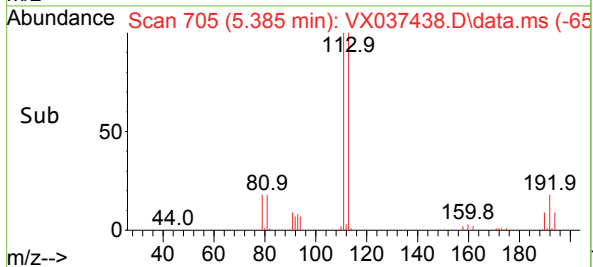
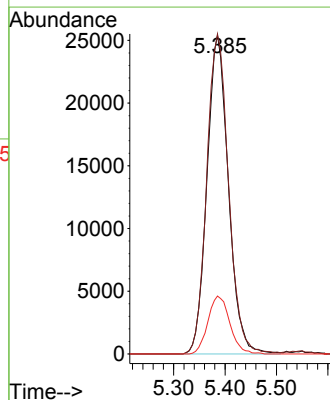
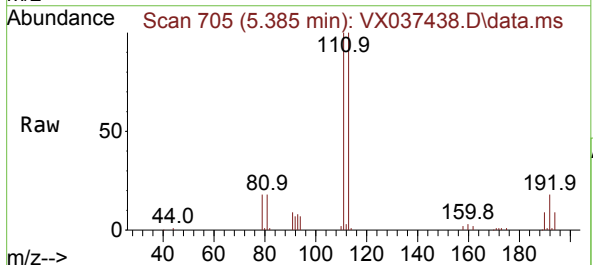
Instrument :
MSVOA_X
ClientSampleId :

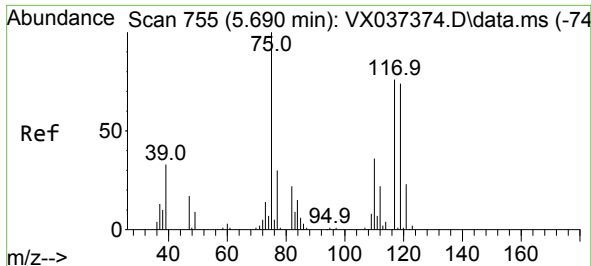
Tgt Ion:114 Resp: 245910
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion:113 Resp: 73722
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.042 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.146 min

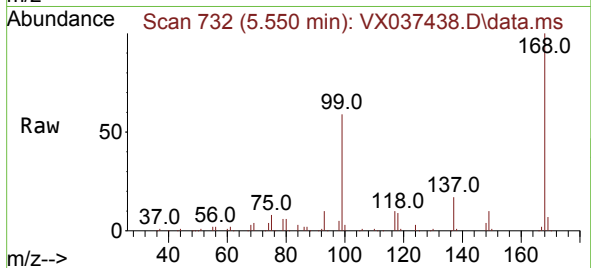
Lab File: VX037438.D

Acq: 31 Aug 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :



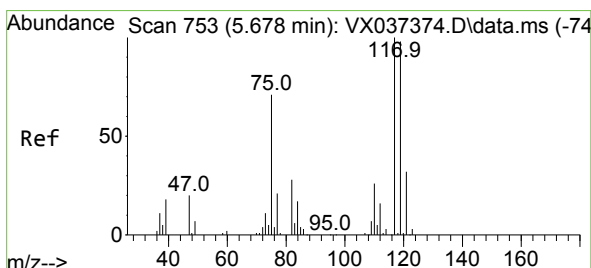
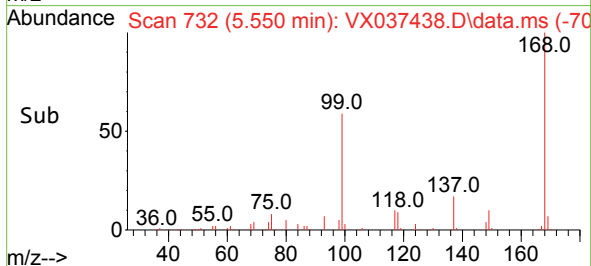
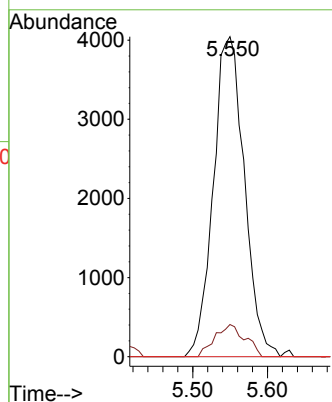
Tgt Ion: 75 Resp: 11666

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.190 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037438.D

Acq: 31 Aug 2023 18:19

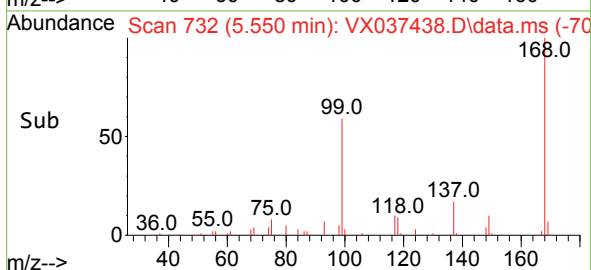
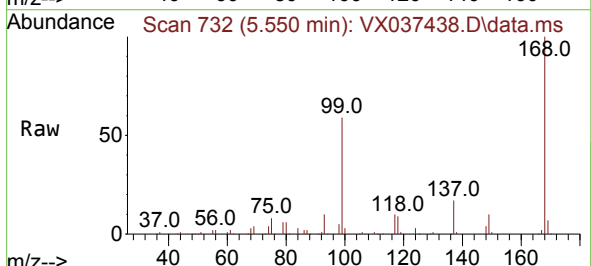
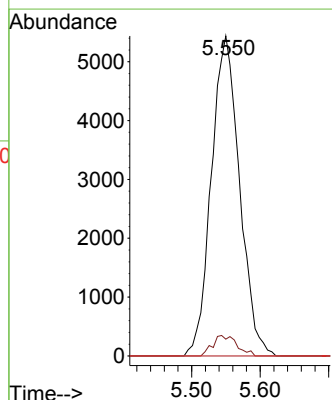
Tgt Ion: 117 Resp: 15559

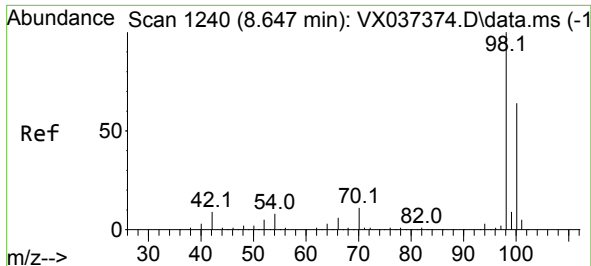
Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#

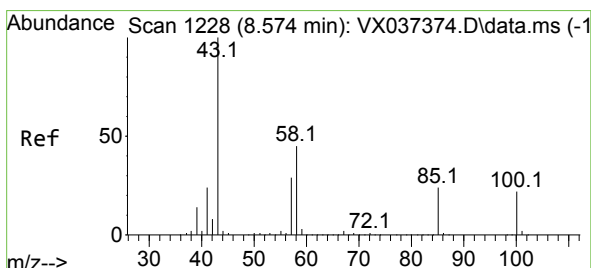
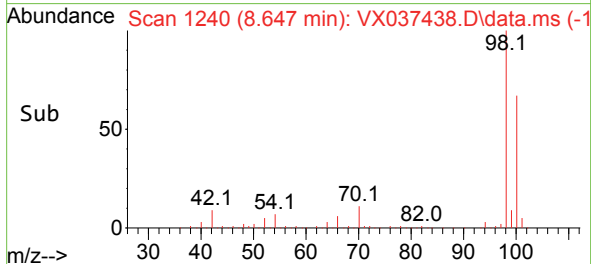
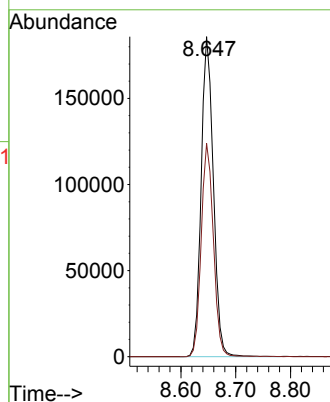
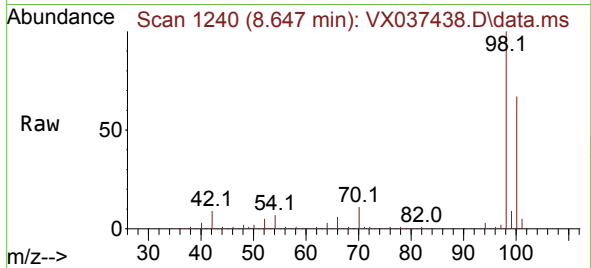




#50
Toluene-d8
Concen: 48.500 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

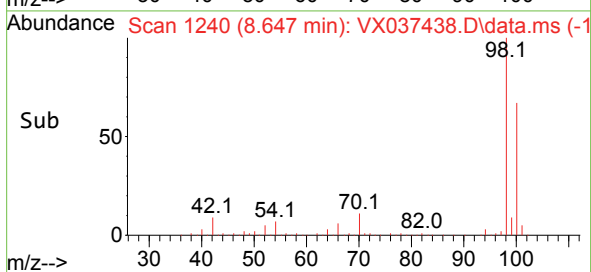
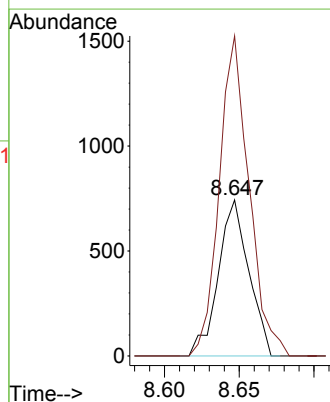
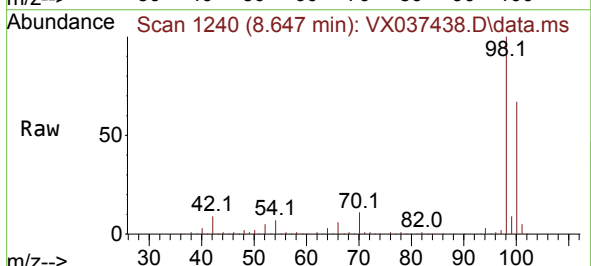
Instrument :
MSVOA_X
ClientSampleId :

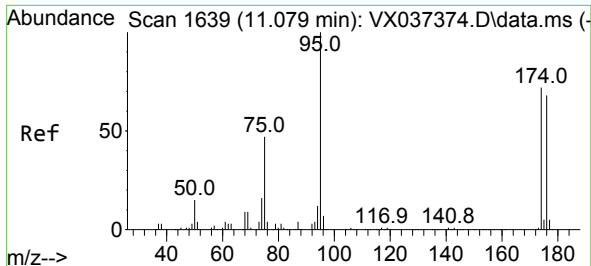
Tgt Ion: 98 Resp: 286516
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 200.1 30.4 45.6#

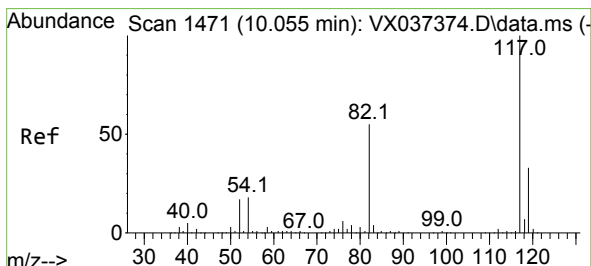
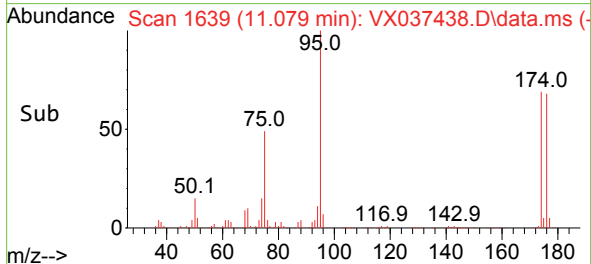
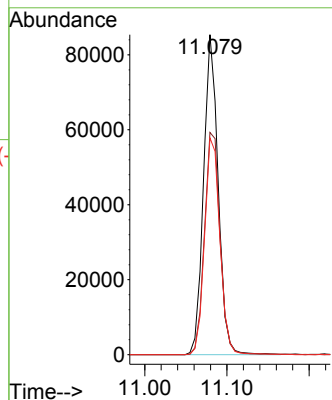
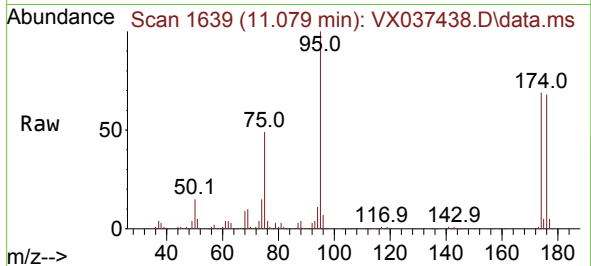




#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

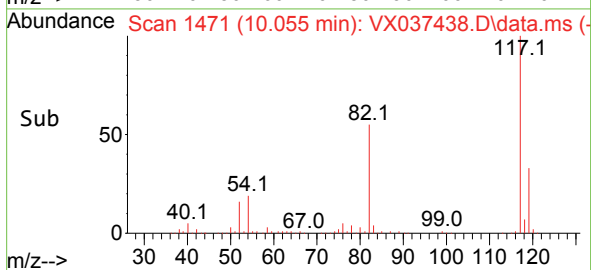
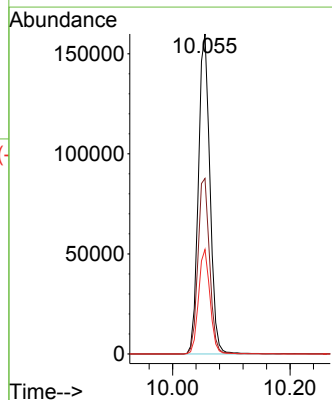
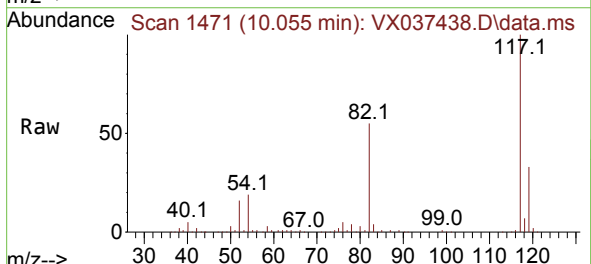
Instrument :
MSVOA_X
ClientSampleId :

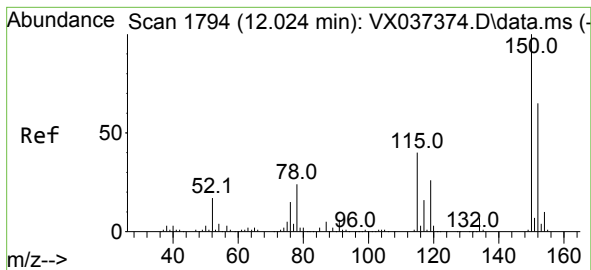
Tgt Ion: 95 Resp: 105169
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 117 Resp: 218225
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037438.D

Acq: 31 Aug 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

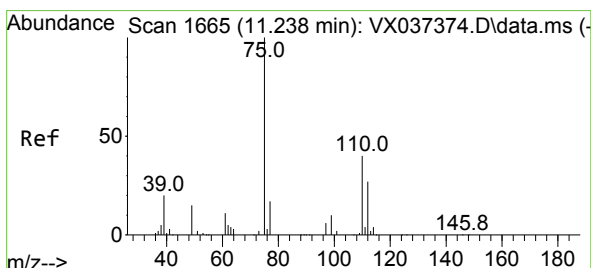
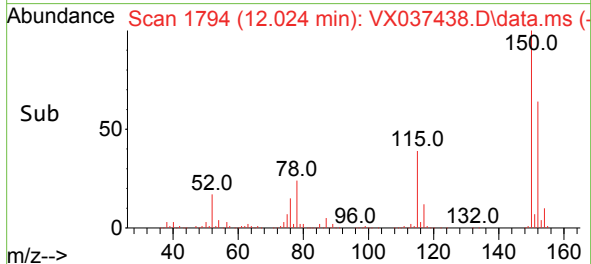
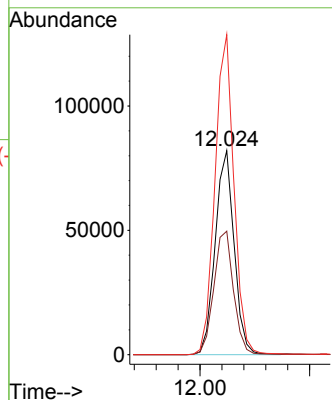
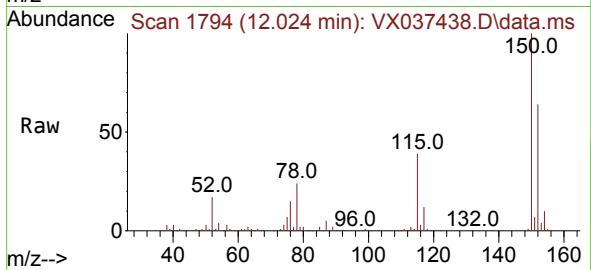
Tgt Ion:152 Resp: 98742

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.807 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037438.D

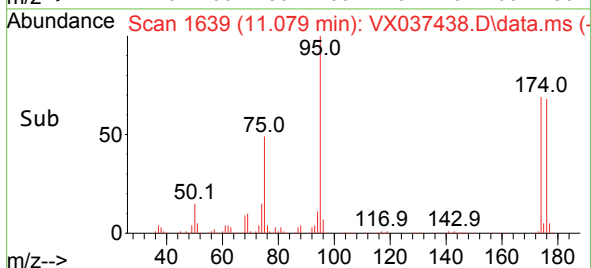
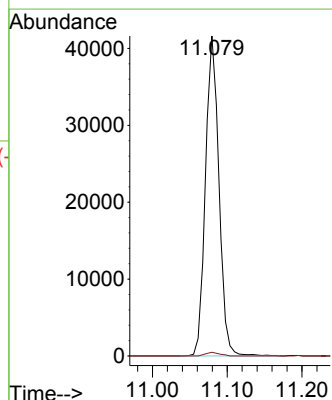
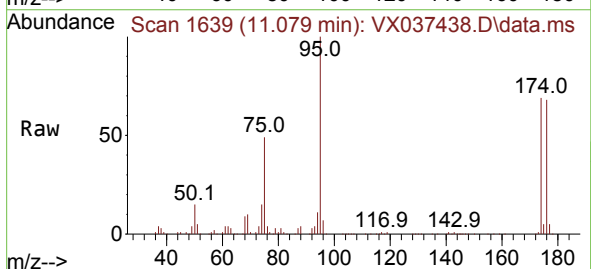
Acq: 31 Aug 2023 18:19

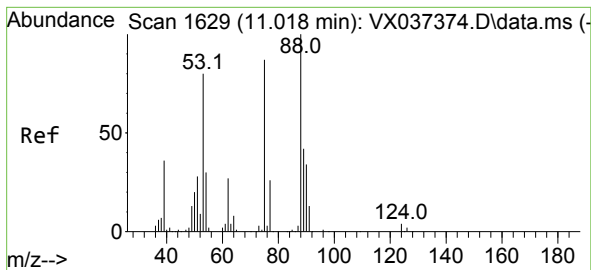
Tgt Ion: 75 Resp: 52167

Ion Ratio Lower Upper

75 100

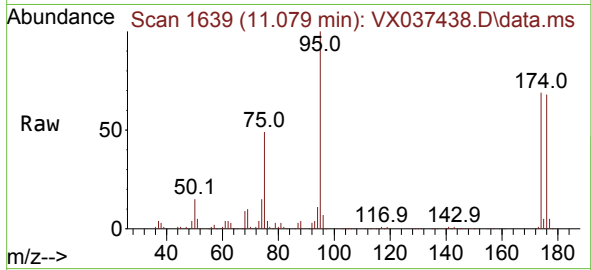
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.288 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037438.D
 Acq: 31 Aug 2023 18:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52167
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

