

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037385.D
 Acq On : 30 Aug 2023 13:39
 Operator : JC/MD
 Sample : 04150-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20230822

Quant Time: Aug 31 02:22:45 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)

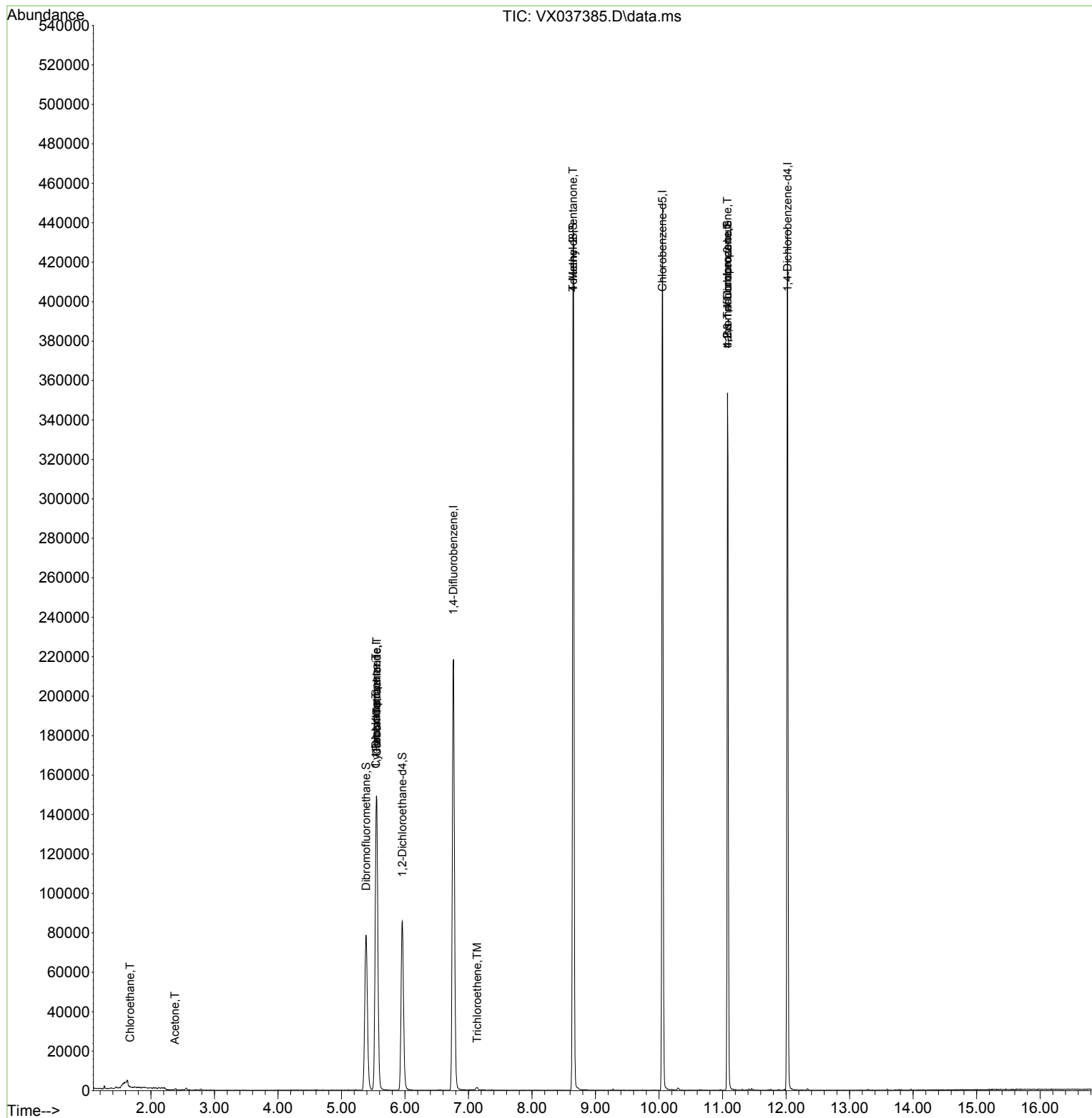
Internal Standards						
1) Pentafluorobenzene	5.550	168	143082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86792	42.075	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.160%
35) Dibromofluoromethane	5.385	113	71187	45.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.540%
50) Toluene-d8	8.647	98	274031	48.575	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	99298	44.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	200	0.215	ug/l #	43
16) Acetone	2.380	43	802	0.994	ug/l	99
31) Cyclohexane	5.544	56	2722	1.174	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11235	5.085	ug/l #	52
38) Carbon Tetrachloride	5.556	117	15250	6.354	ug/l #	16
44) Trichloroethene	7.135	130	611	0.340	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	992	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48918	24.812	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48918	69.302	ug/l #	5

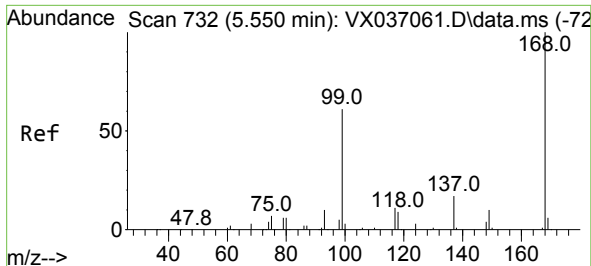
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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RE123D1-20230822

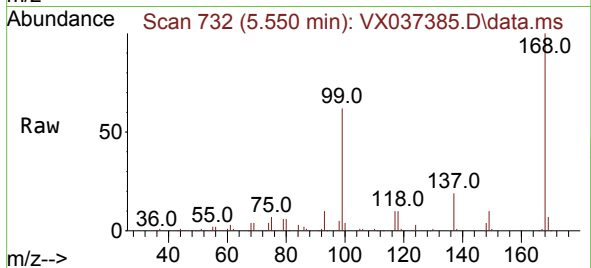
Quant Time: Aug 31 02:22:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



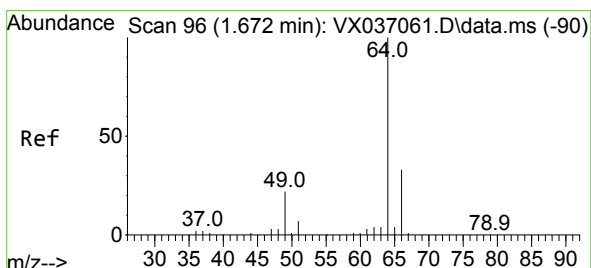
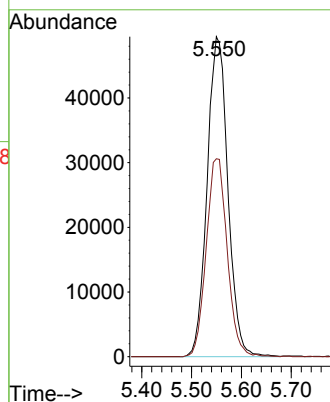
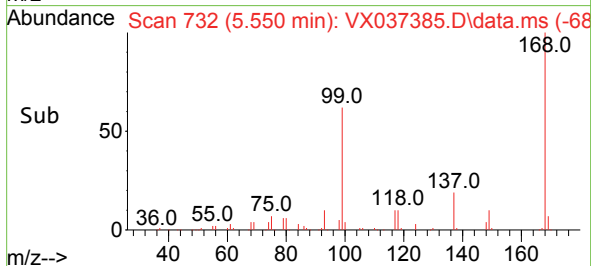


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

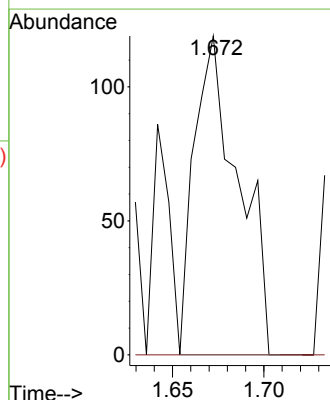
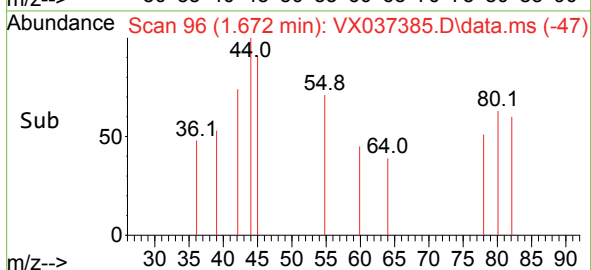
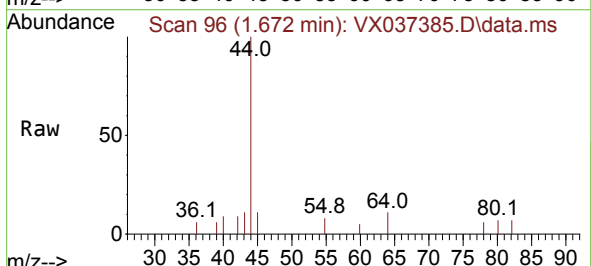


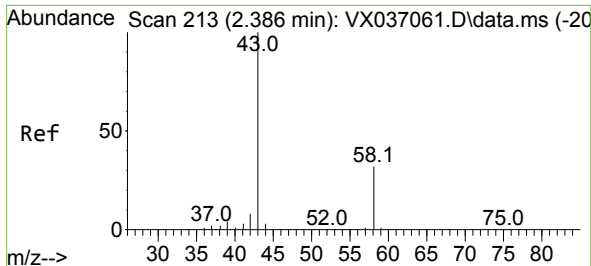
Tgt Ion:168 Resp: 143082
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

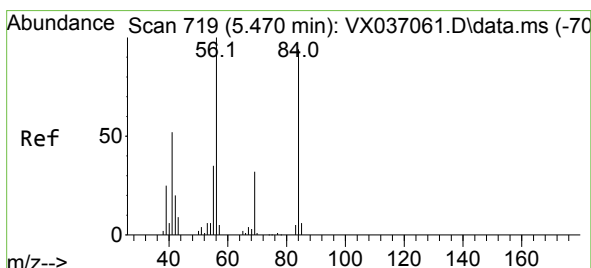
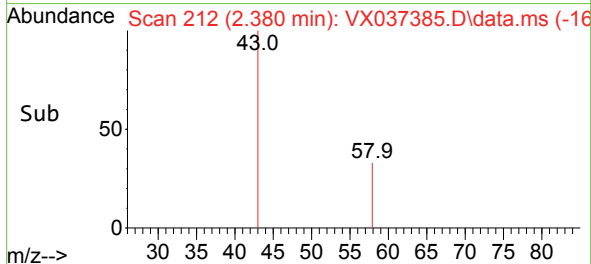
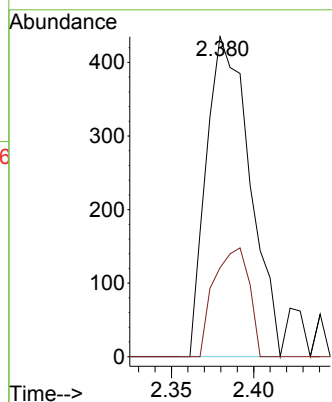
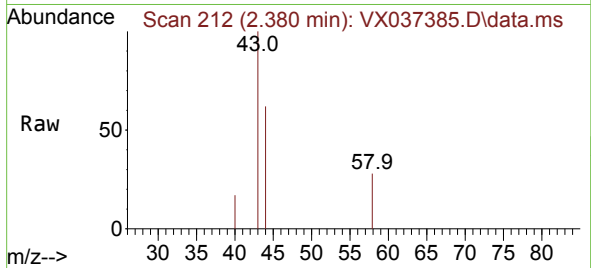




#16
Acetone
Concen: 0.994 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

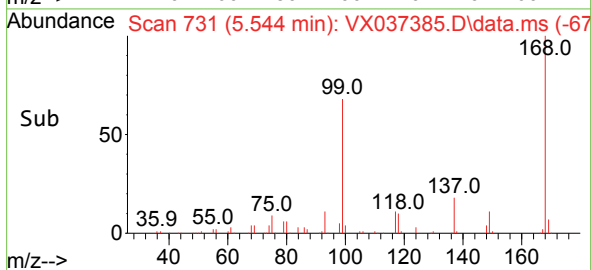
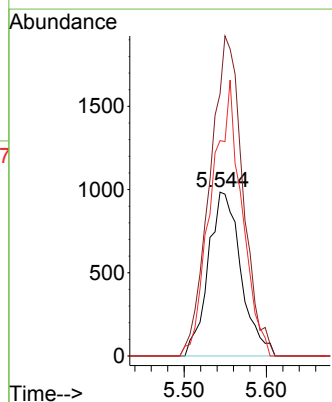
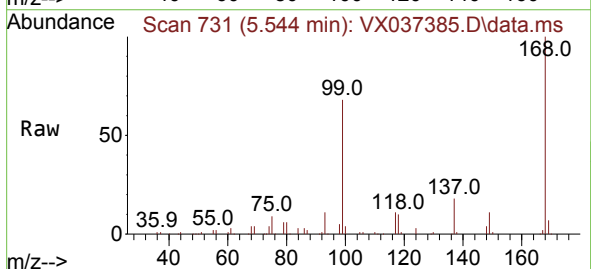
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

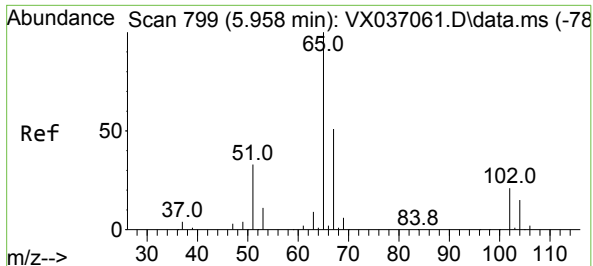
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Tgt Ion: 56 Resp: 2722
Ion Ratio Lower Upper
56 100
69 160.1 23.4 35.2#
84 131.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.075 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037385.D

Acq: 30 Aug 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

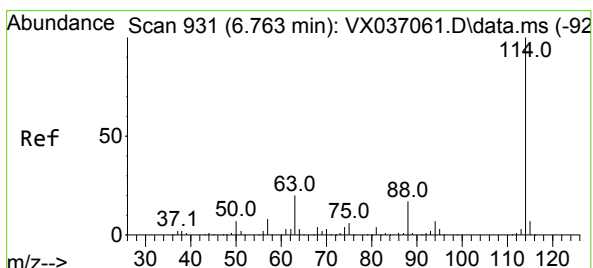
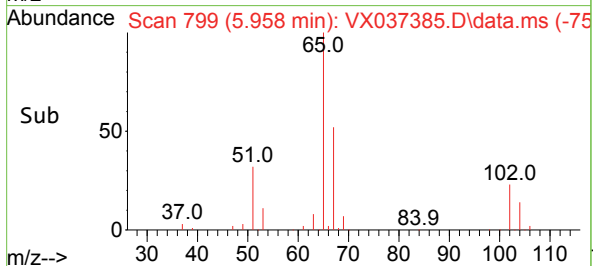
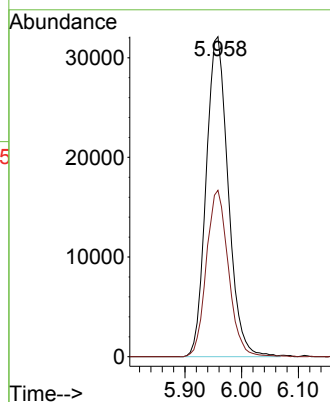
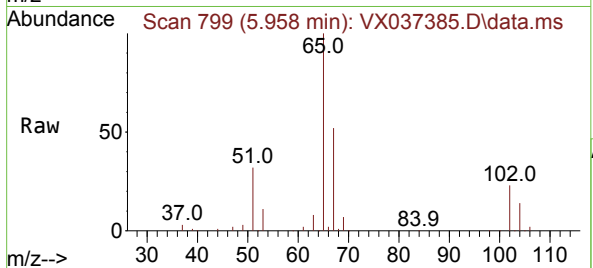
RE123D1-20230822

Tgt Ion: 65 Resp: 86792

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037385.D

Acq: 30 Aug 2023 13:39

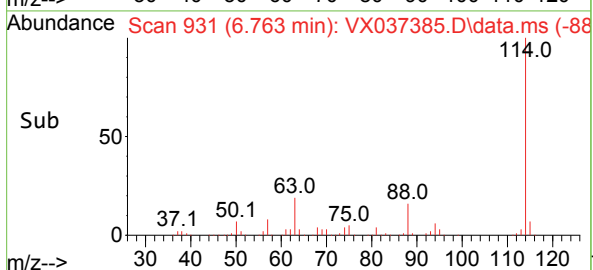
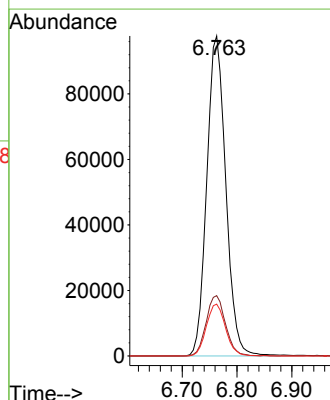
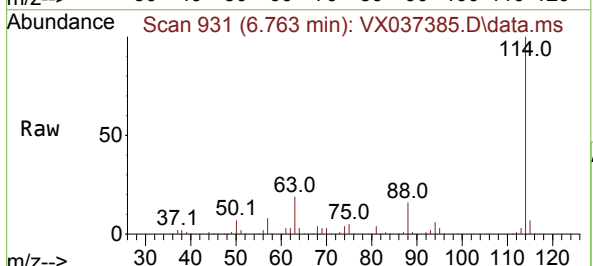
Tgt Ion: 114 Resp: 234829

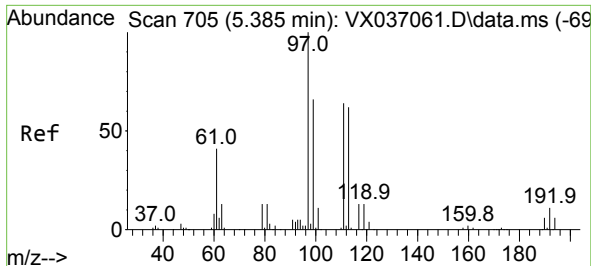
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.2 0.0 36.6

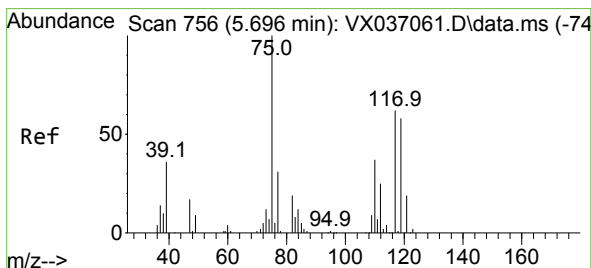
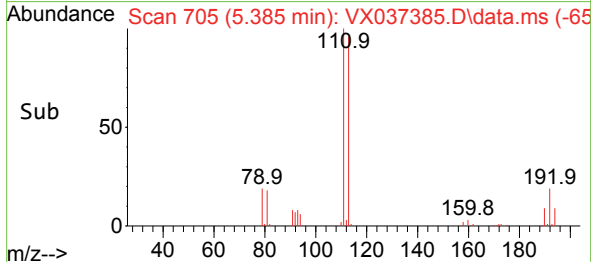
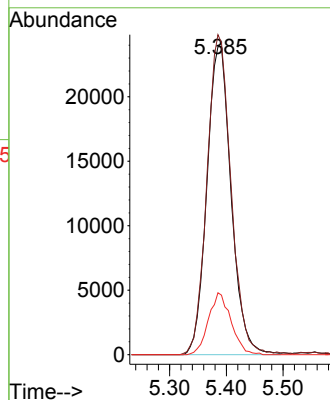
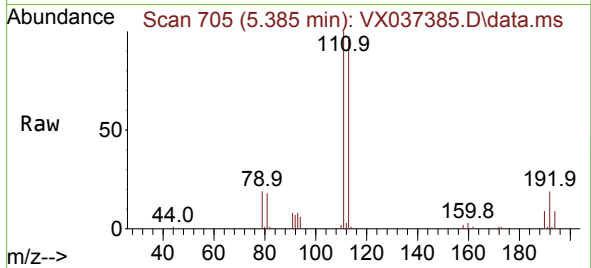




#35
Dibromofluoromethane
Concen: 45.773 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

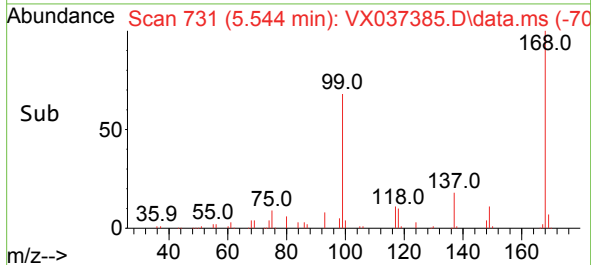
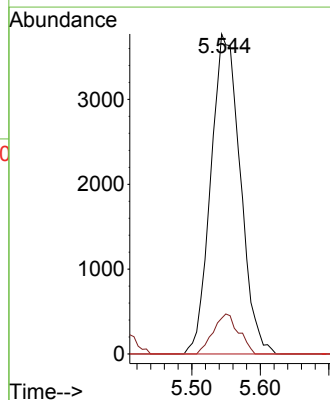
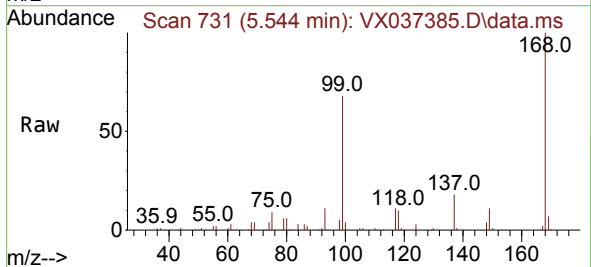
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

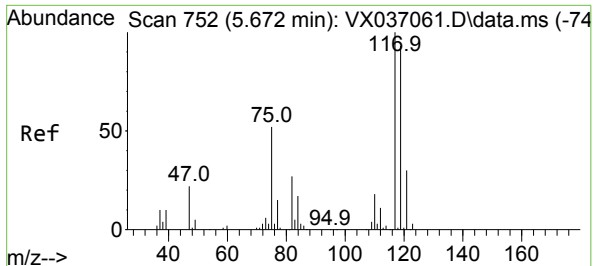
Tgt Ion:113 Resp: 71187
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

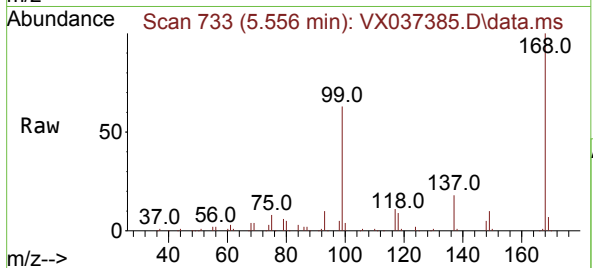
Tgt Ion: 75 Resp: 11235
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



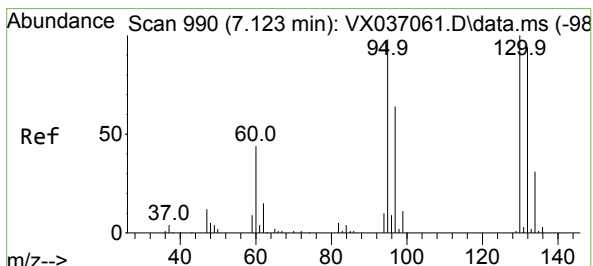
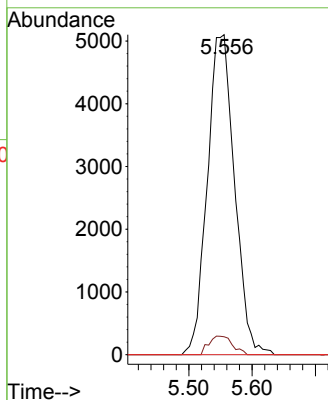
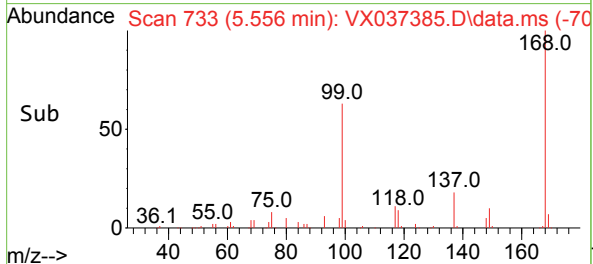


#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

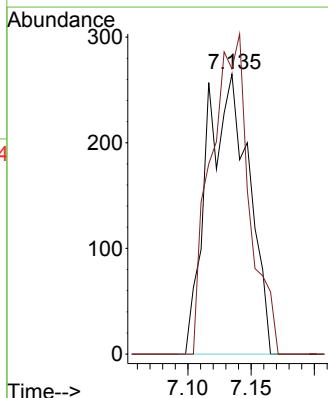
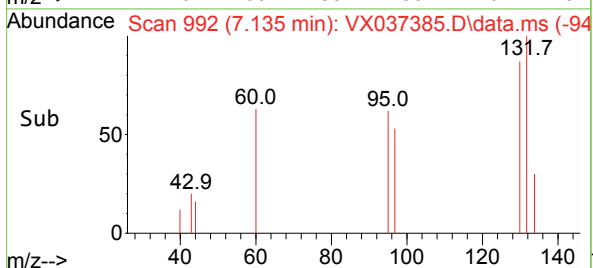
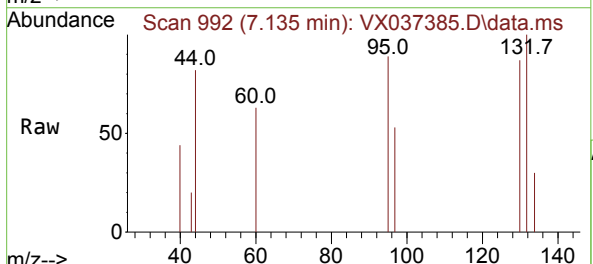


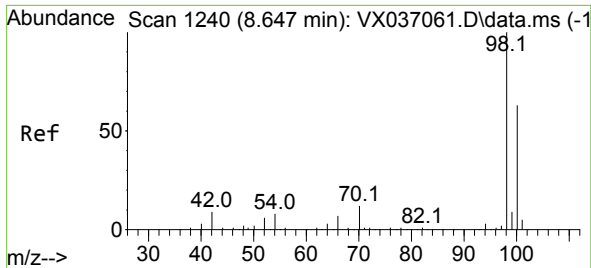
Tgt Ion:117 Resp: 15250
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.340 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Tgt Ion:130 Resp: 611
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.4

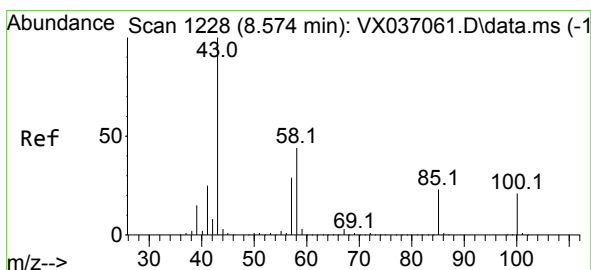
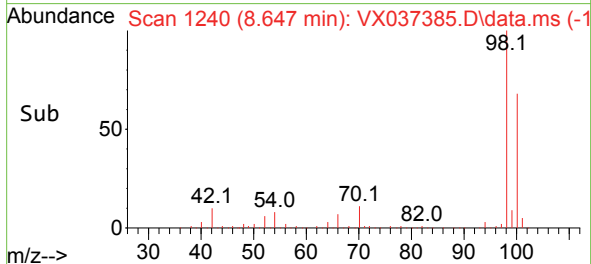
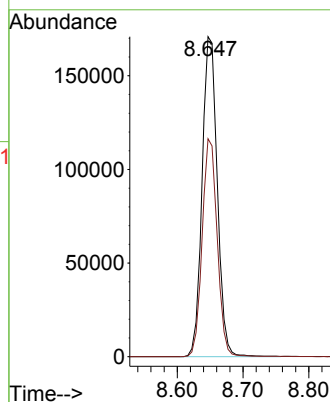
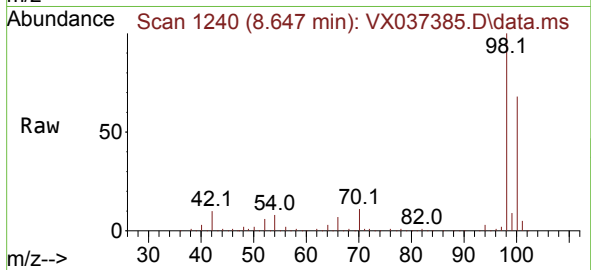




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

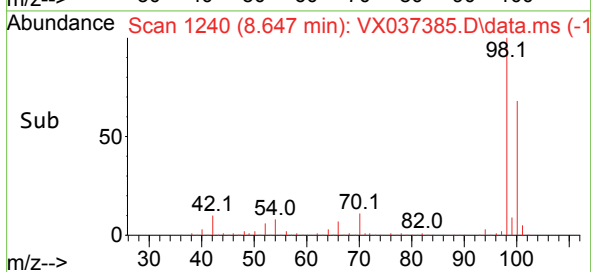
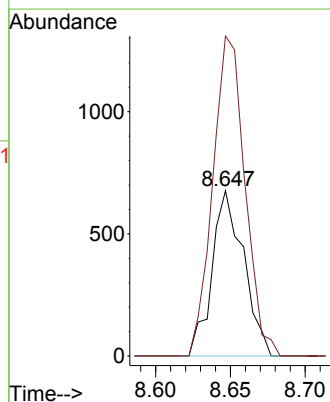
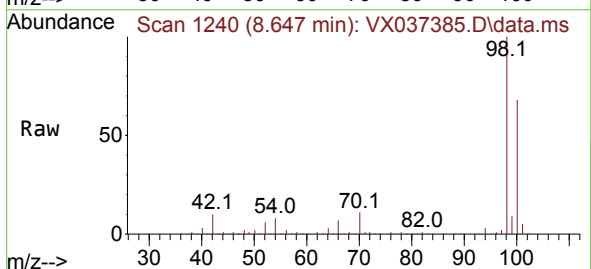
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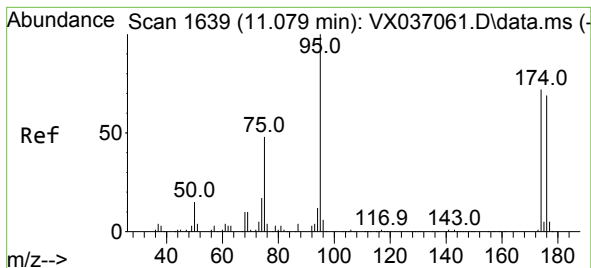
Tgt Ion: 98 Resp: 274031
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 197.8 30.4 45.6#

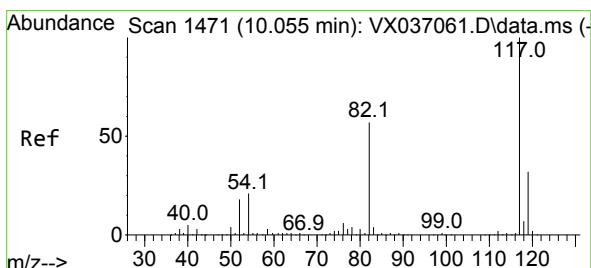
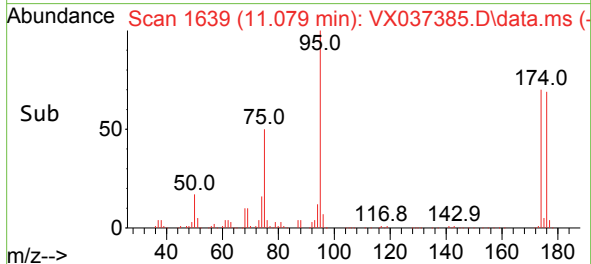
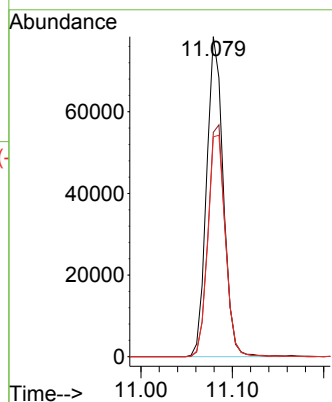
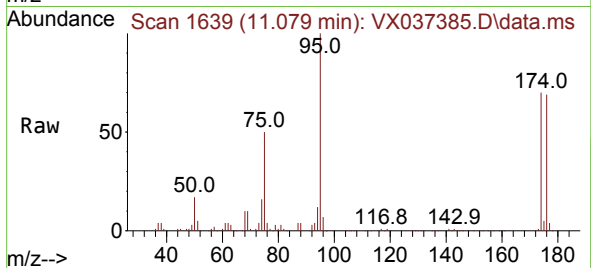




#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

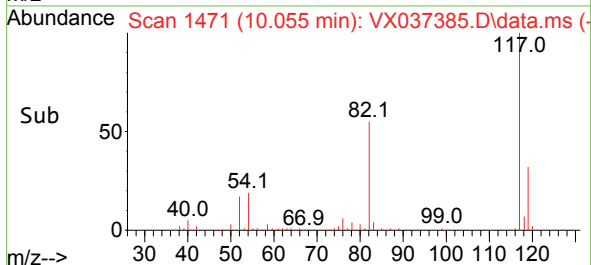
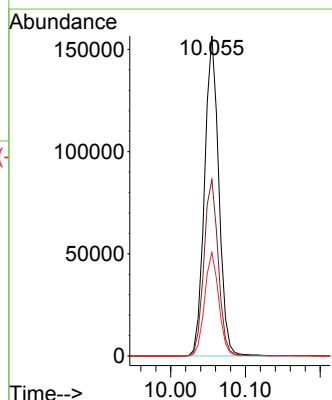
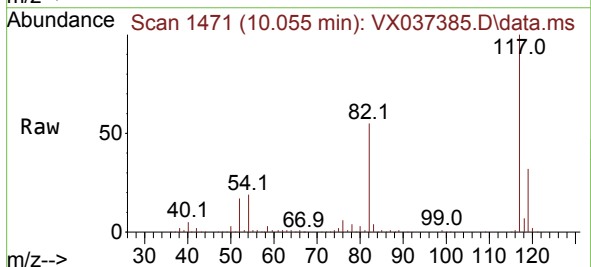
Instrument :
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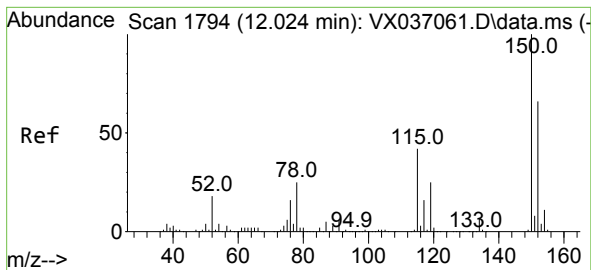
Tgt Ion: 95 Resp: 99298
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037385.D
Acq: 30 Aug 2023 13:39

Tgt Ion: 117 Resp: 207257
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 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: VX037385.D

Acq: 30 Aug 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20230822

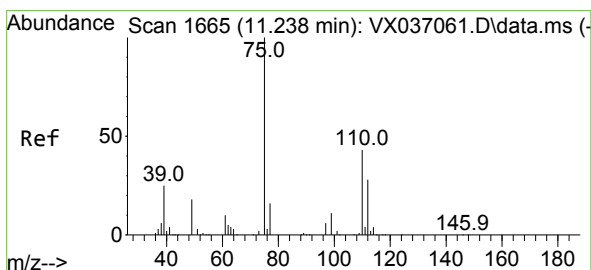
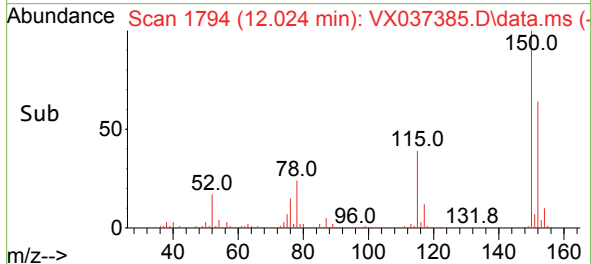
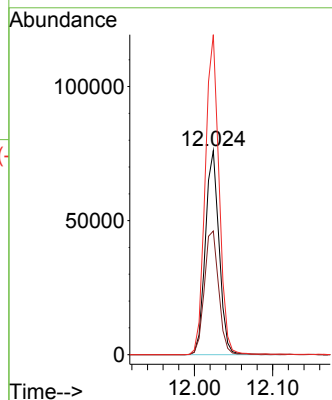
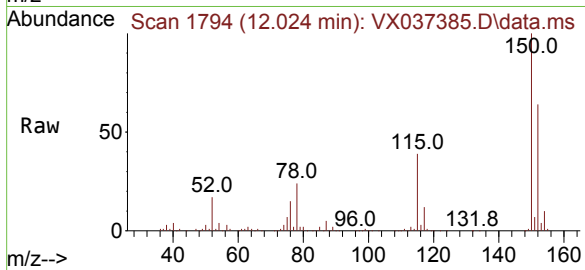
Tgt Ion:152 Resp: 92574

Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.812 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037385.D

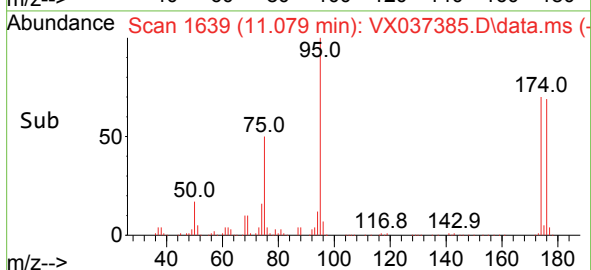
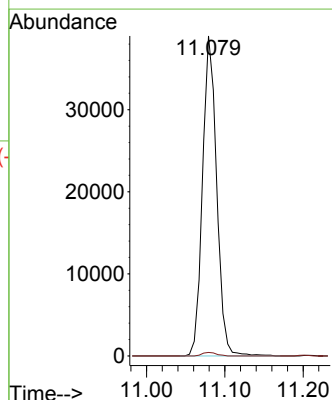
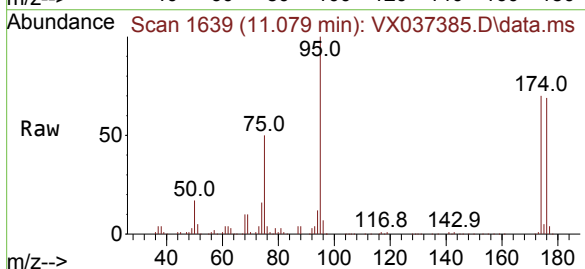
Acq: 30 Aug 2023 13:39

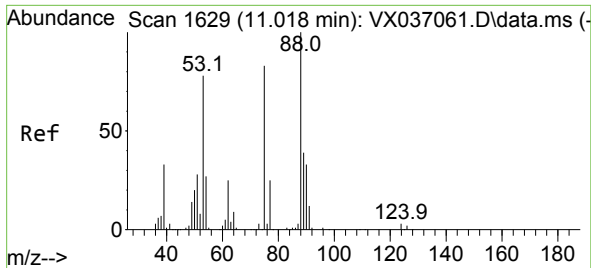
Tgt Ion: 75 Resp: 48918

Ion Ratio Lower Upper

75 100

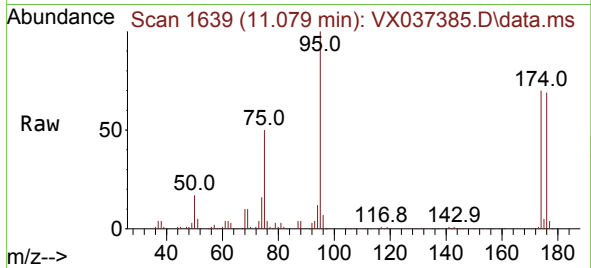
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.302 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037385.D
 Acq: 30 Aug 2023 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20230822



Tgt Ion: 75 Resp: 48918
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

