

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037125.D
 Acq On : 21 Aug 2023 12:15
 Operator : JC/MD
 Sample : VX0821WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:53:51 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	5.556	168	174675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130495	51.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.640%
35) Dibromofluoromethane	5.385	113	102660	52.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.100%
50) Toluene-d8	8.647	98	375461	52.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.960%
62) 4-Bromofluorobenzene	11.079	95	137321	48.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.680%

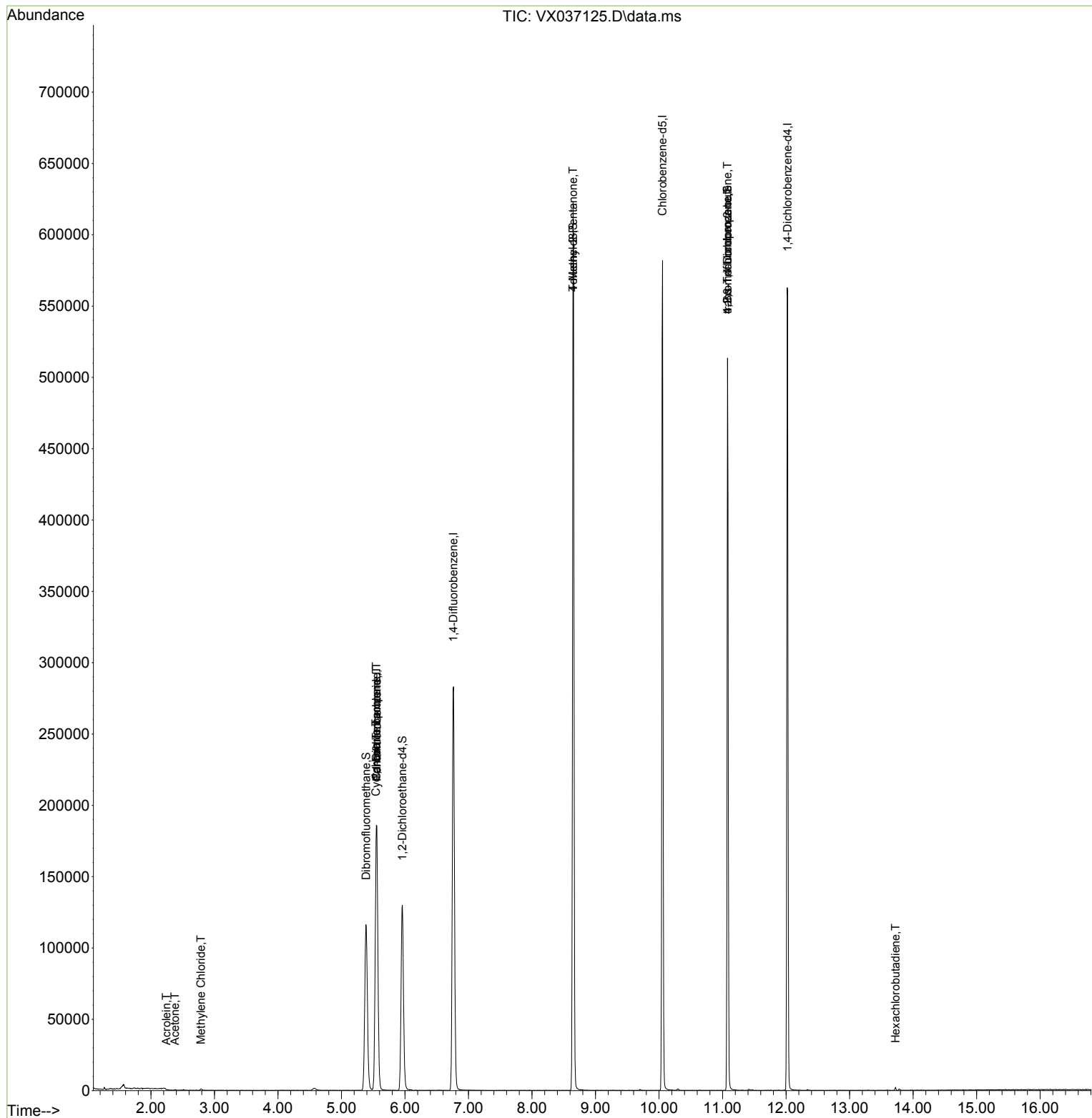
Target Compounds					Qvalue	
13) Acrolein	2.239	56	114	0.254	ug/l #	67
16) Acetone	2.380	43	490	0.497	ug/l #	86
20) Methylene Chloride	2.788	84	514	0.233	ug/l #	84
31) Cyclohexane	5.544	56	3540	1.250	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14162	5.054	ug/l #	52
38) Carbon Tetrachloride	5.550	117	19147	6.290	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1424	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71155	27.605	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71155	77.102	ug/l #	5
94) Hexachlorobutadiene	13.725	225	355	0.399	ug/l	97

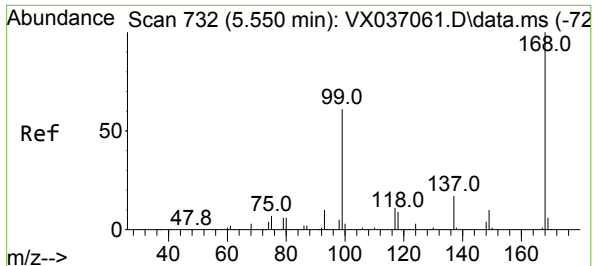
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

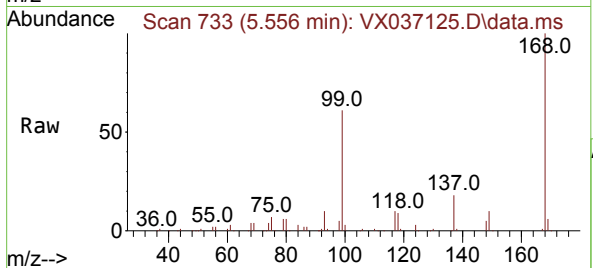
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



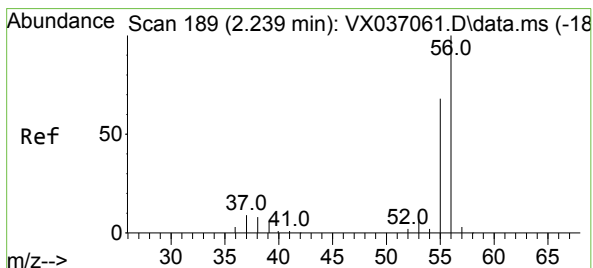
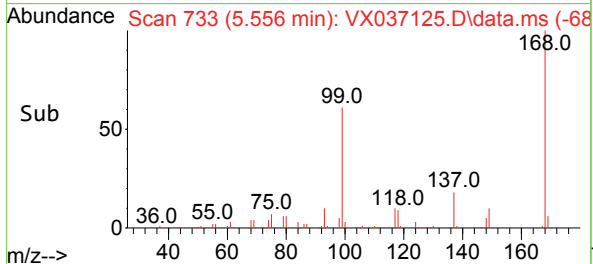
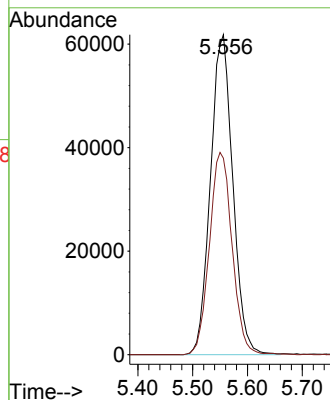


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_X
ClientSampleId :

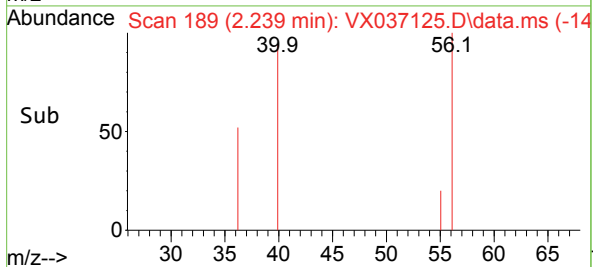
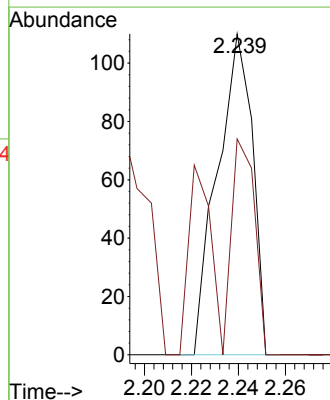
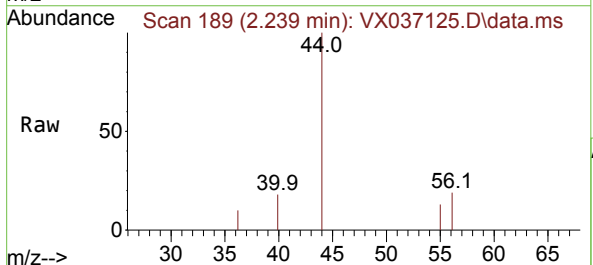


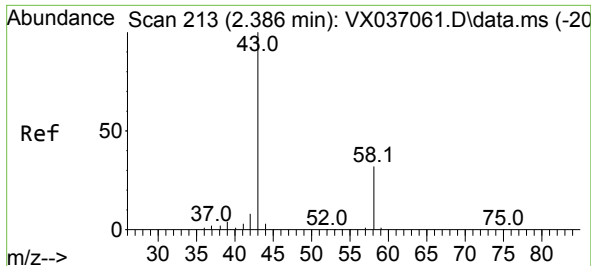
Tgt Ion:168 Resp: 174675
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#13
Acrolein
Concen: 0.254 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
55 43.9 57.1 85.7#





#16

Acetone

Concen: 0.497 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037125.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_X

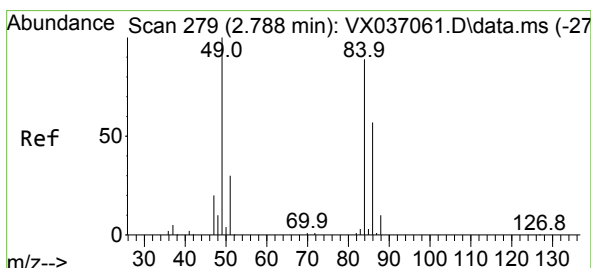
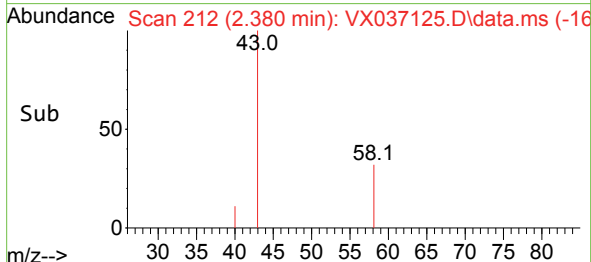
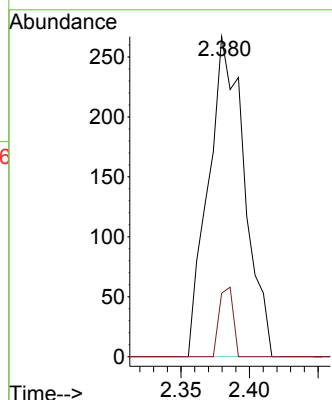
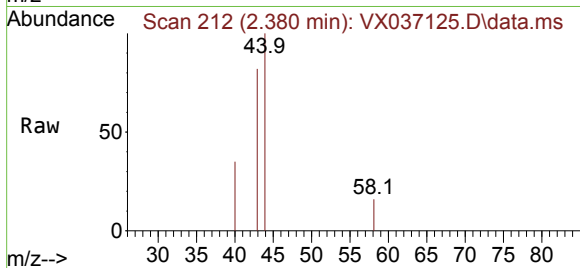
ClientSampleId :

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

43 100

58 19.9 21.9 32.9#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037125.D

Acq: 21 Aug 2023 12:15

Tgt Ion: 84 Resp: 514

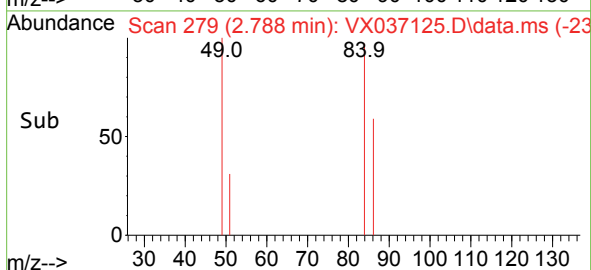
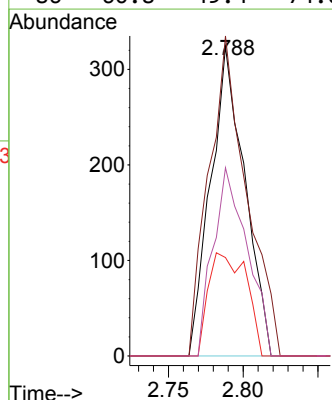
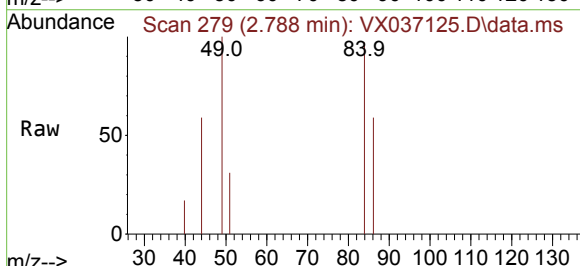
Ion Ratio Lower Upper

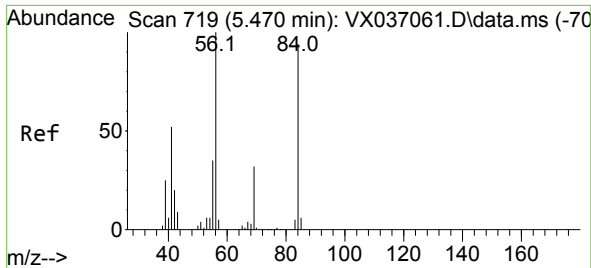
84 100

49 103.4 103.6 155.4#

51 31.8 33.8 50.6#

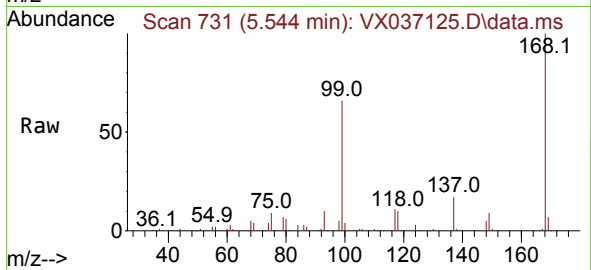
86 60.8 49.4 74.0



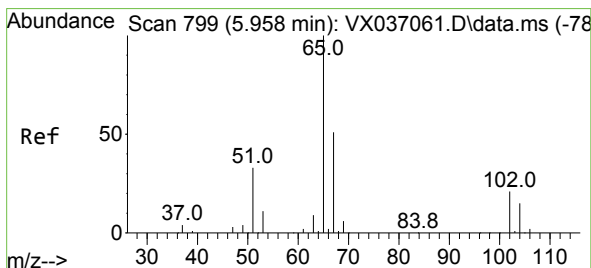
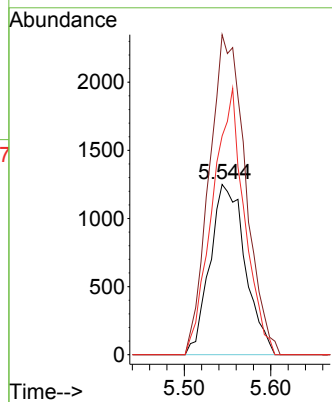
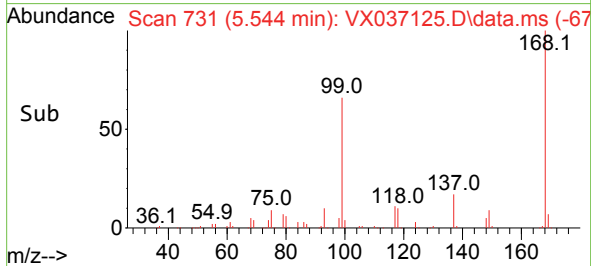


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_X
ClientSampleId :

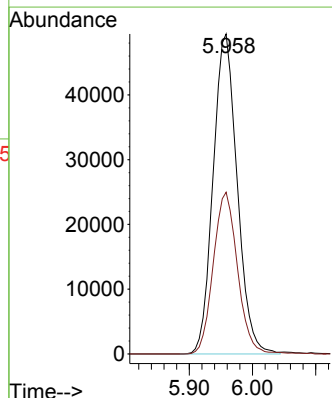
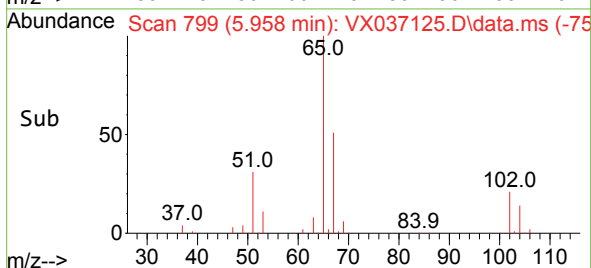
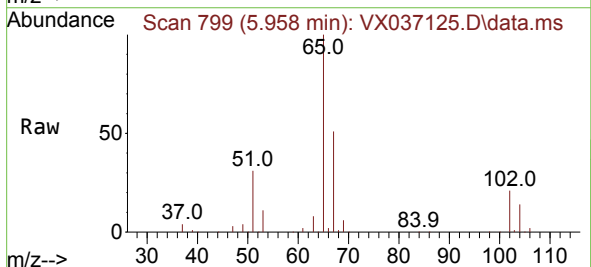


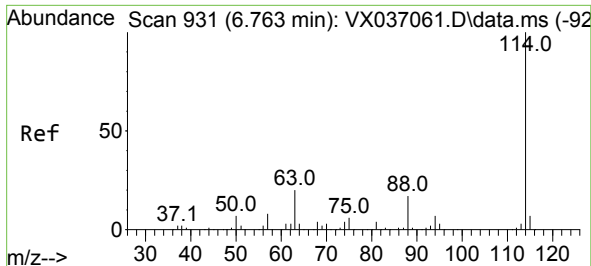
Tgt Ion: 56 Resp: 3540
Ion Ratio Lower Upper
56 100
69 187.9 23.4 35.2#
84 128.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 65 Resp: 130495
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

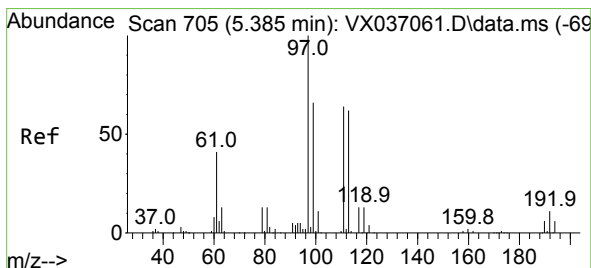
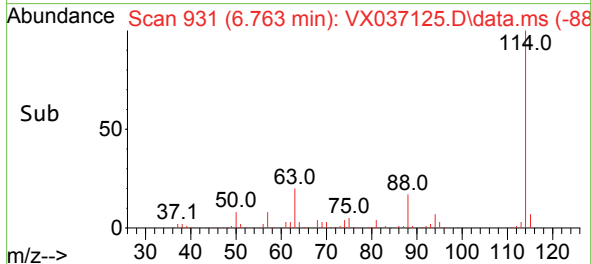
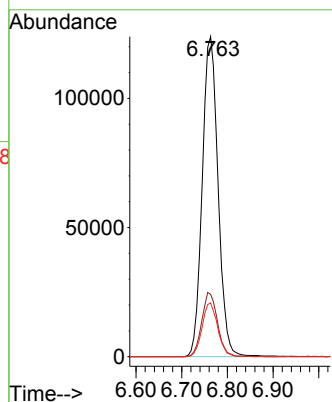
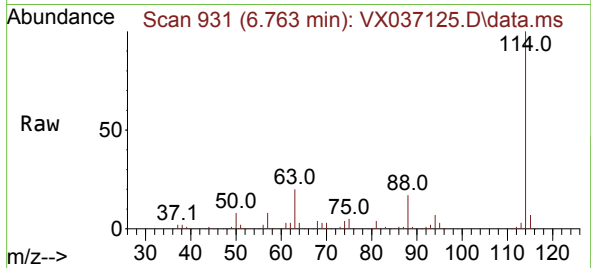




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

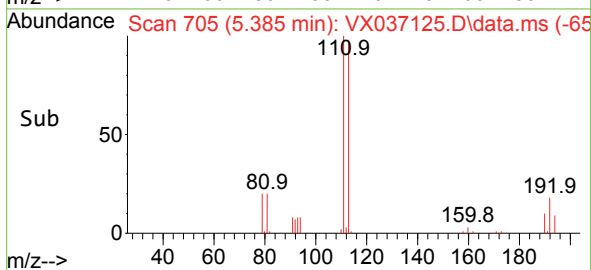
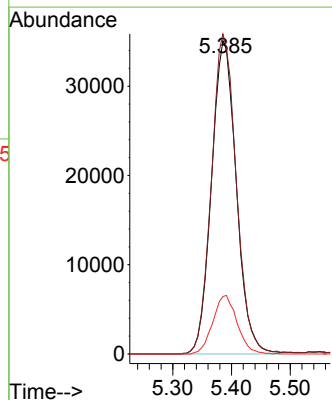
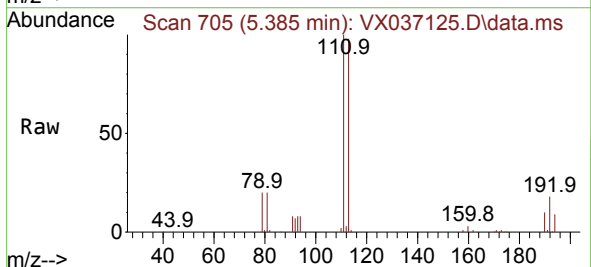
Instrument :
MSVOA_X
ClientSampleId :

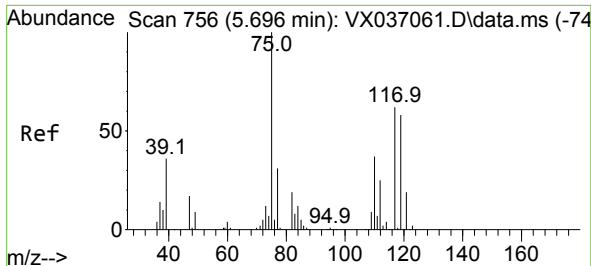
Tgt Ion:114 Resp: 297834
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.046 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

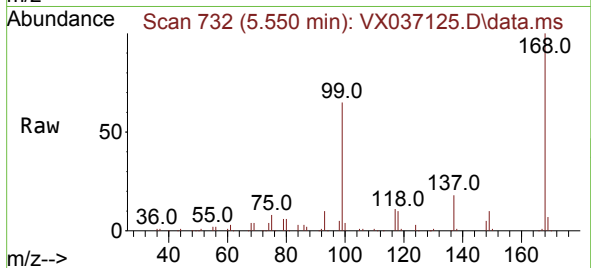
Tgt Ion:113 Resp: 102660
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.4 13.3 19.9



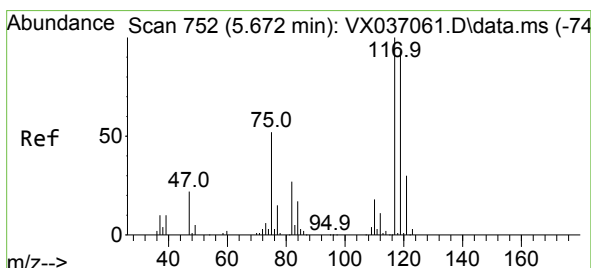
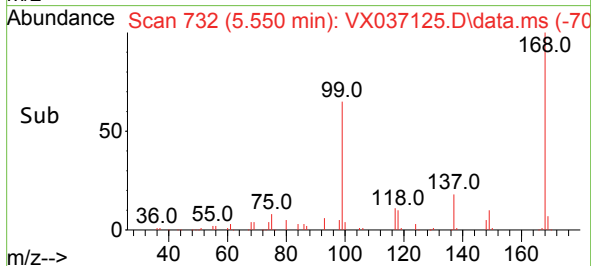
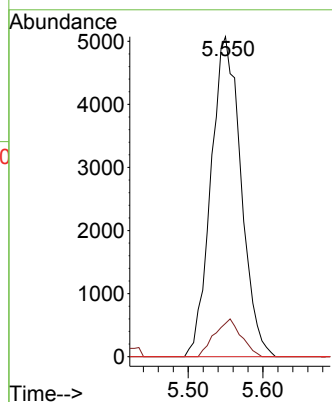


#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.146 min
 Lab File: VX037125.D
 Acq: 21 Aug 2023 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

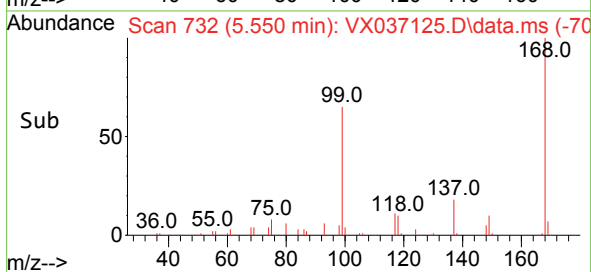
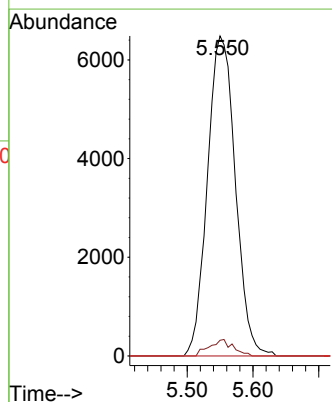
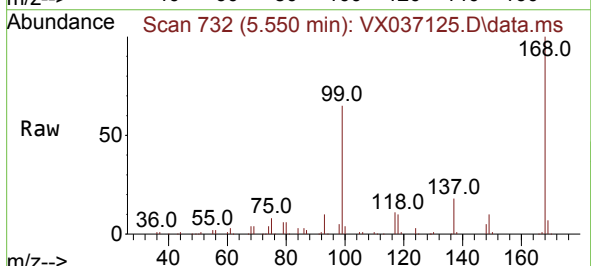


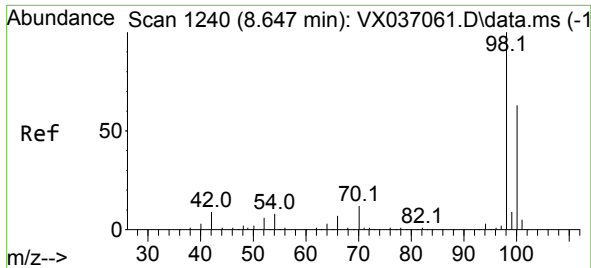
Tgt Ion: 75 Resp: 14162
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.290 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX037125.D
 Acq: 21 Aug 2023 12:15

Tgt Ion: 117 Resp: 19147
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.2 117.2#
 121 0.0 24.4 36.6#

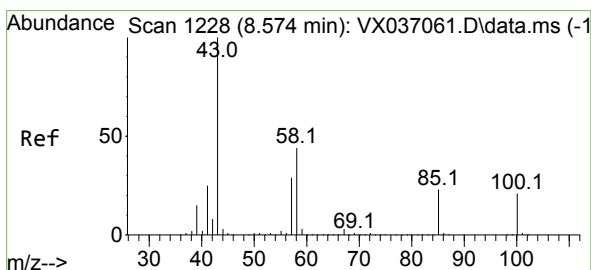
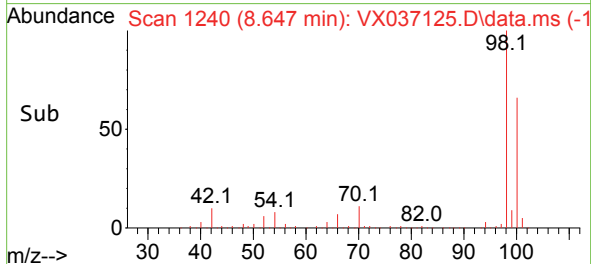
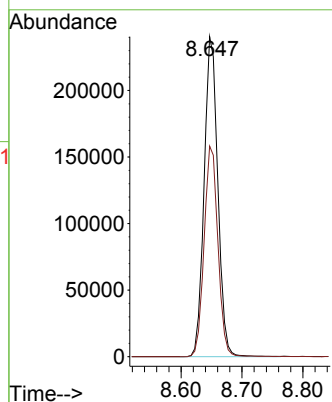
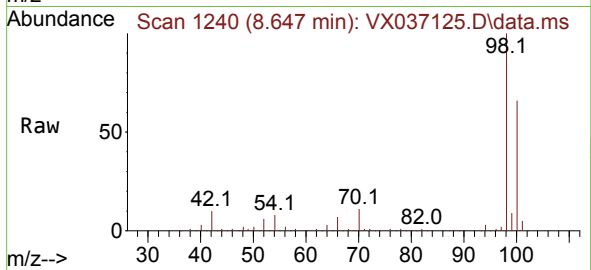




#50
Toluene-d8
Concen: 52.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

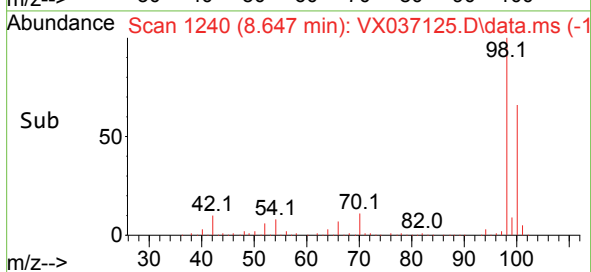
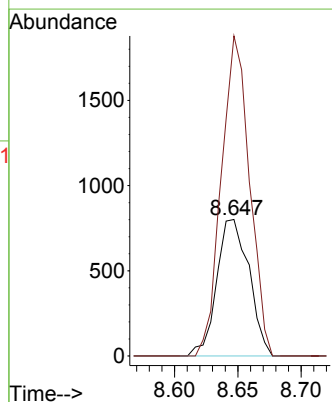
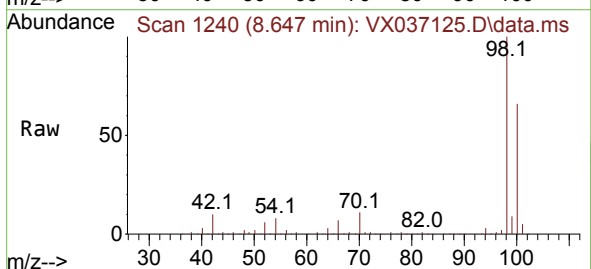
Instrument :
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ClientSampleId :

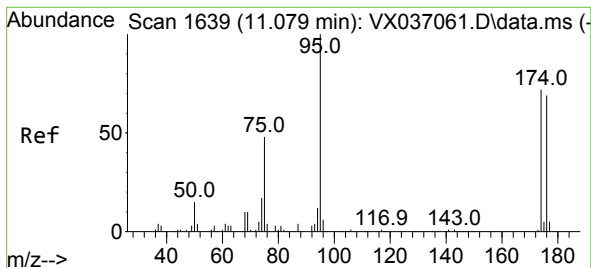
Tgt Ion: 98 Resp: 375461
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 205.0 30.4 45.6#

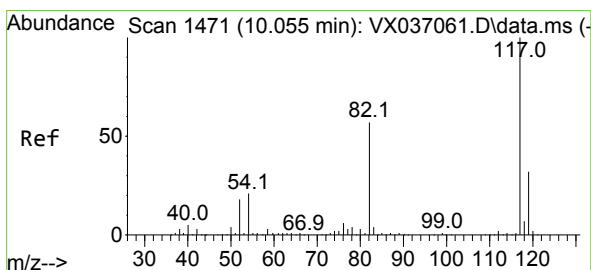
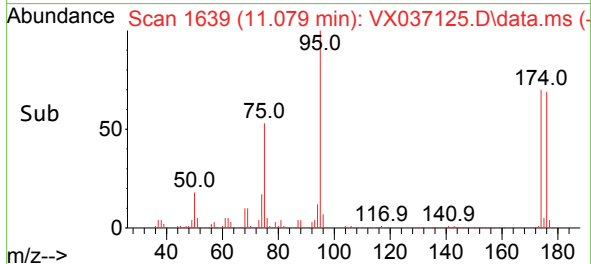
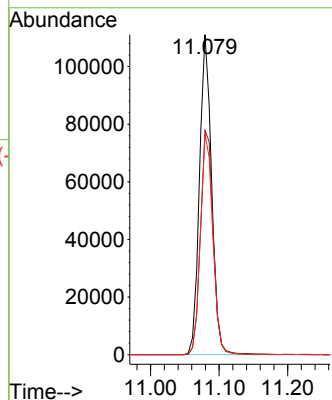
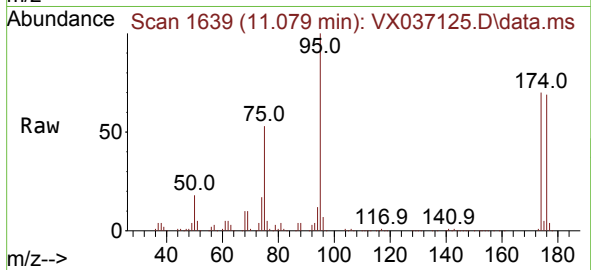




#62
4-Bromofluorobenzene
Concen: 48.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

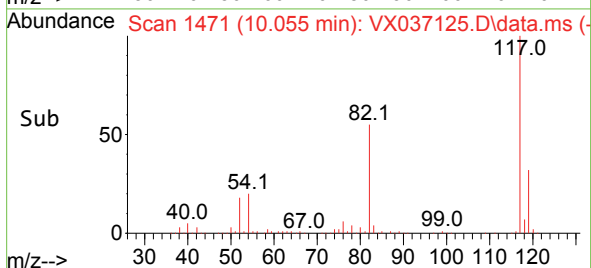
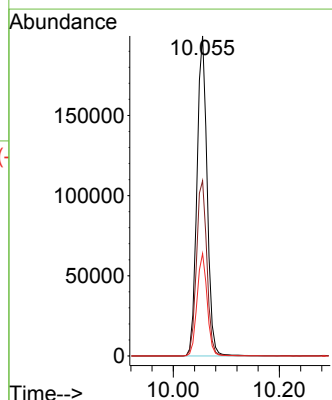
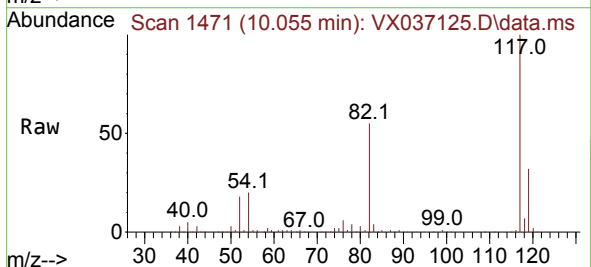
Instrument :
MSVOA_X
ClientSampleId :

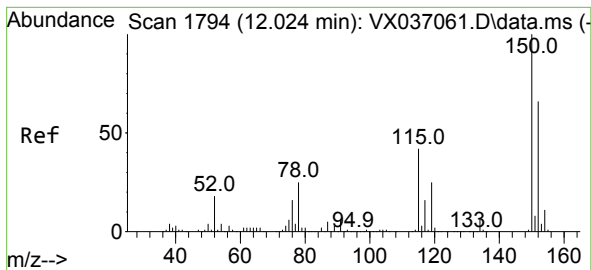
Tgt Ion: 95 Resp: 137321
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

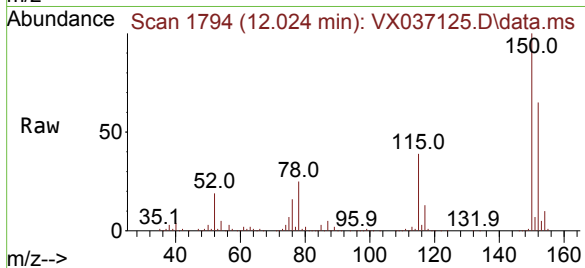
Tgt Ion: 117 Resp: 265177
Ion Ratio Lower Upper
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82 54.8 46.2 69.4
119 32.0 25.5 38.3



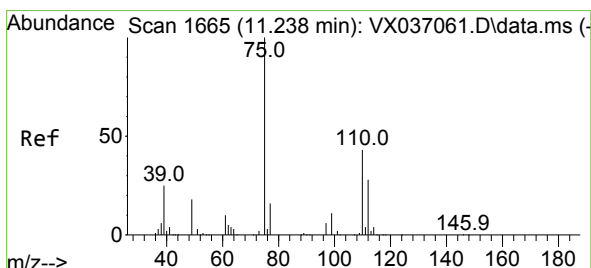
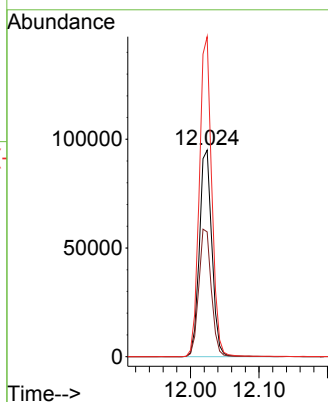
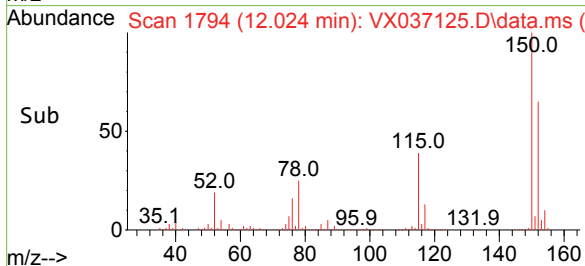


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

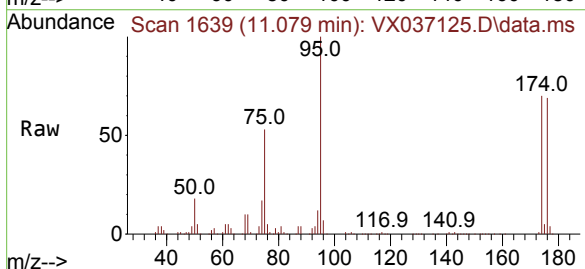
Instrument :
MSVOA_X
ClientSampleId :



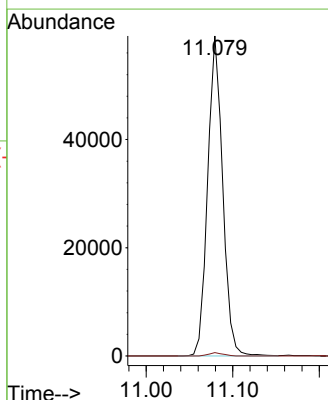
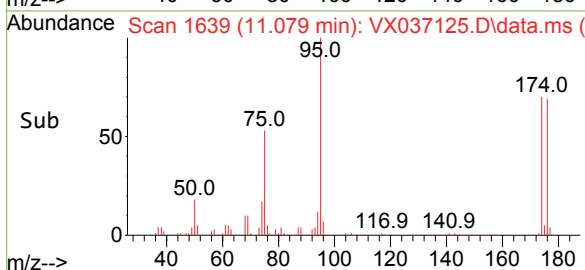
Tgt Ion:152 Resp: 121033
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 153.9 0.0 345.0

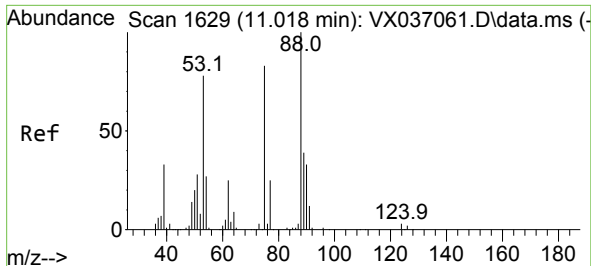


#76
1,2,3-Trichloropropane
Concen: 27.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15



Tgt Ion: 75 Resp: 71155
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

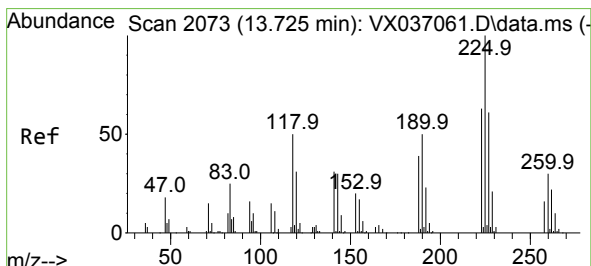
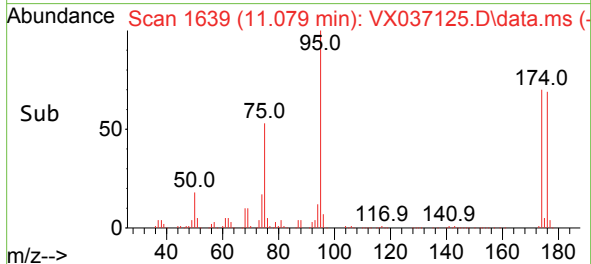
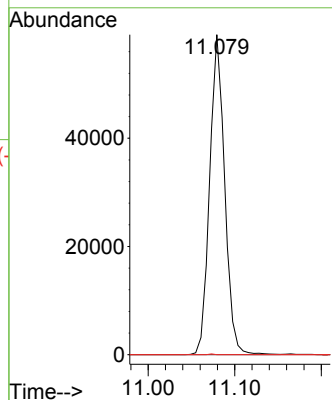
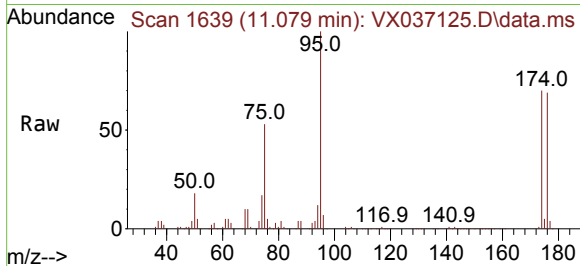




#81
trans-1,4-Dichloro-2-butene
Concen: 77.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71155
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.399 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 225 Resp: 355
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.2
227 68.2 32.5 97.5

