

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037114.D
 Acq On : 19 Aug 2023 07:11
 Operator : JC/MD
 Sample : 04025-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 01:43:31 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)

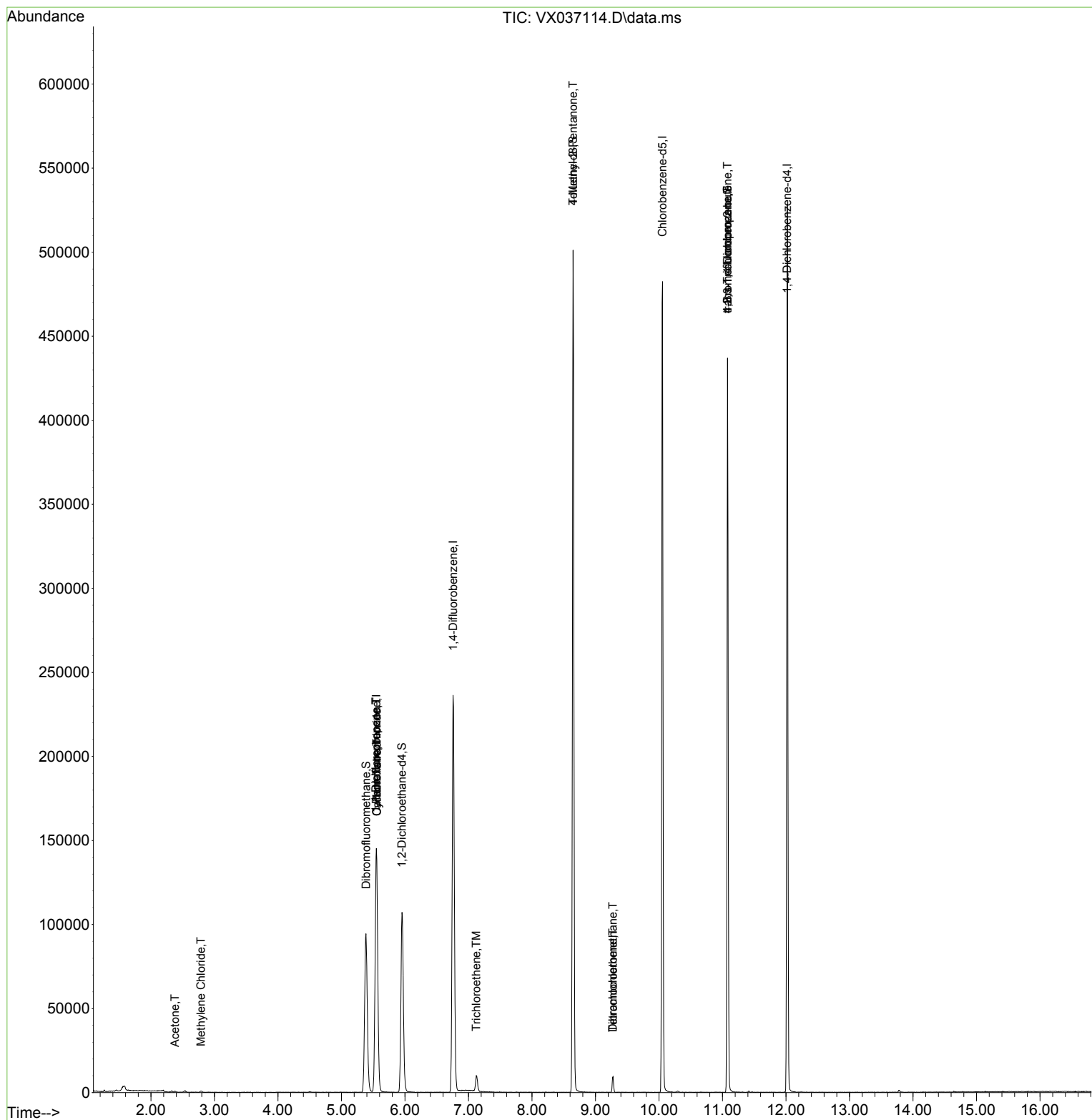
Internal Standards						
1) Pentafluorobenzene	5.550	168	136069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108939	55.534	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.060%		
35) Dibromofluoromethane	5.385	113	84095	51.546	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.100%		
50) Toluene-d8	8.647	98	304029	51.375	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.740%		
62) 4-Bromofluorobenzene	11.079	95	117160	50.377	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.760%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	702	0.915	ug/l #	88
20) Methylene Chloride	2.788	84	508	0.296	ug/l #	83
31) Cyclohexane	5.556	56	3008	1.364	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	11055	4.770	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14598	5.798	ug/l #	14
44) Trichloroethene	7.123	130	3711	1.969	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1236	0.541	ug/l #	1
60) Dibromochloromethane	9.275	129	1610	0.846	ug/l #	11
64) Tetrachloroethene	9.275	164	1919	1.165	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	60565	26.737	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60565	74.678	ug/l #	5

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

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MSVOA_X
ClientSampleId :

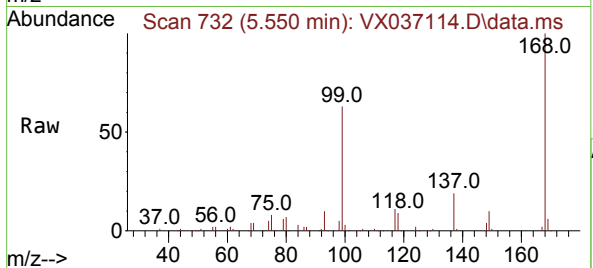
Quant Time: Aug 21 01:43:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



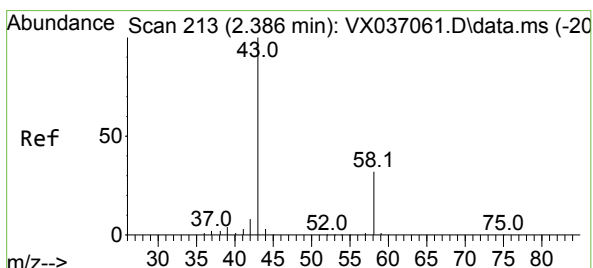
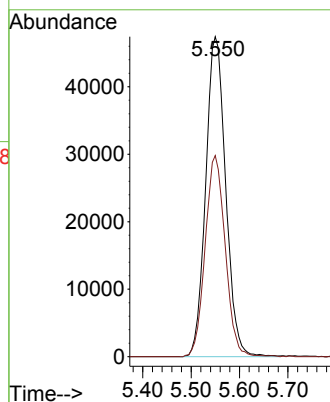
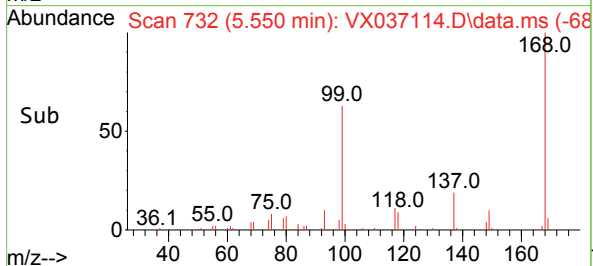


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Instrument :
MSVOA_X
ClientSampleId :

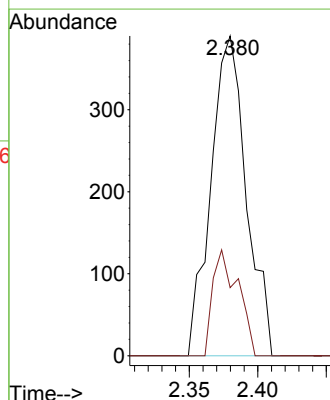
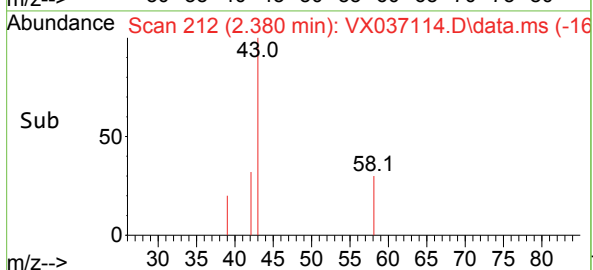
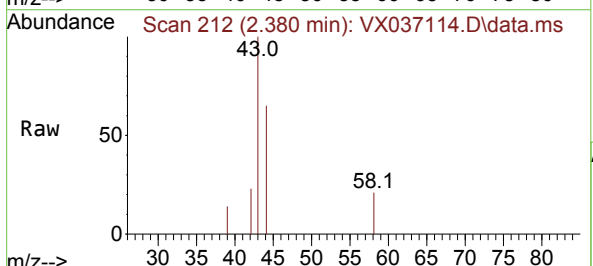


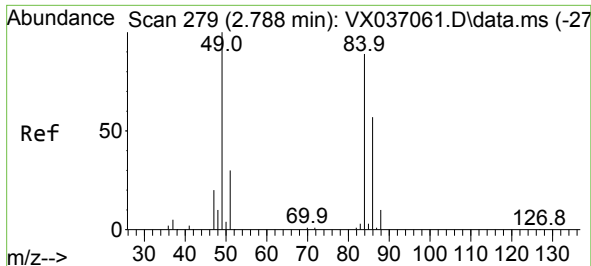
Tgt Ion:168 Resp: 136069
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#16
Acetone
Concen: 0.915 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 21.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.296 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

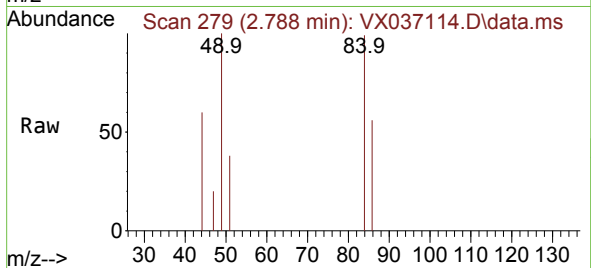
Lab File: VX037114.D

Acq: 19 Aug 2023 07:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 508

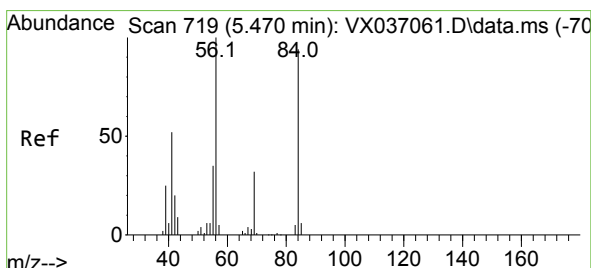
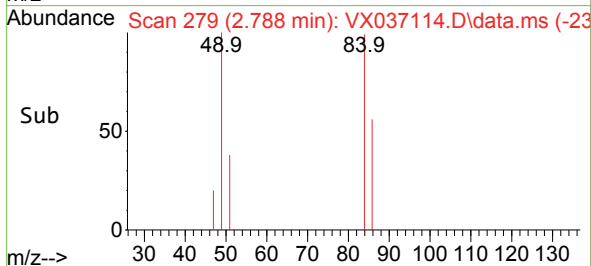
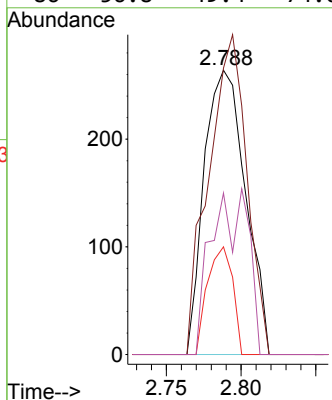
Ion Ratio Lower Upper

84 100

49 100.8 103.6 155.4#

51 37.9 33.8 50.6

86 56.8 49.4 74.0



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX037114.D

Acq: 19 Aug 2023 07:11

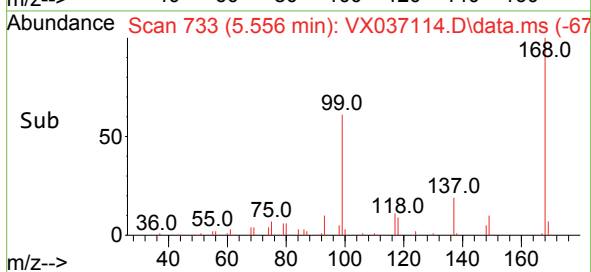
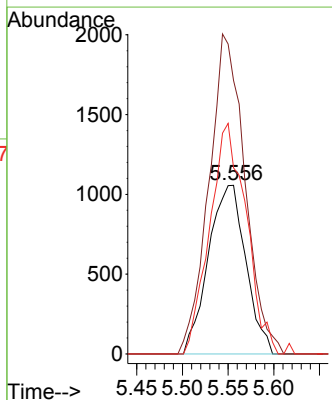
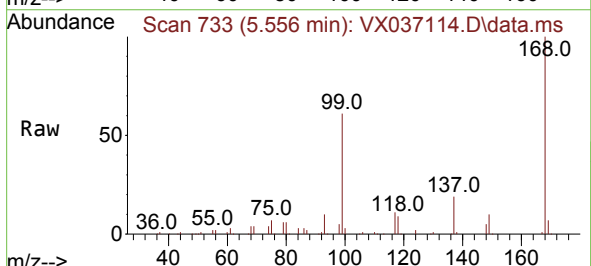
Tgt Ion: 56 Resp: 3008

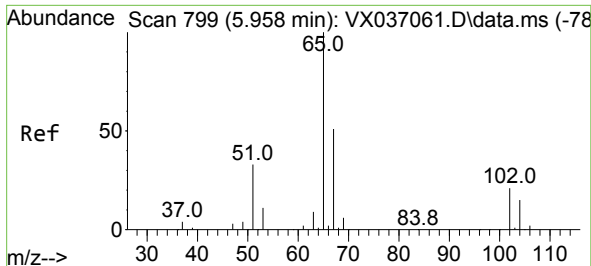
Ion Ratio Lower Upper

56 100

69 162.1 23.4 35.2#

84 110.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.534 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037114.D

Acq: 19 Aug 2023 07:11

Instrument :

MSVOA_X

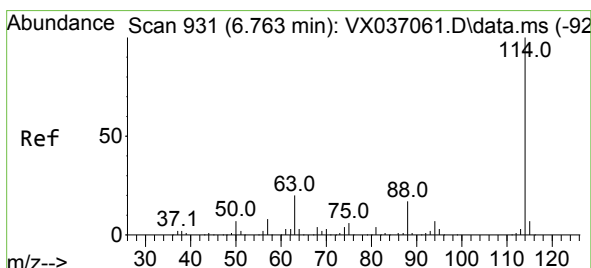
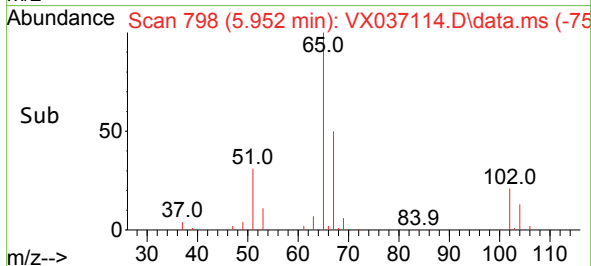
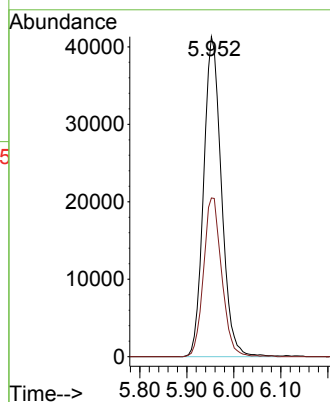
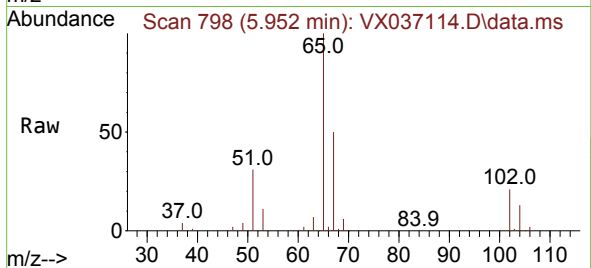
ClientSampleId :

Tgt Ion: 65 Resp: 108939

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037114.D

Acq: 19 Aug 2023 07:11

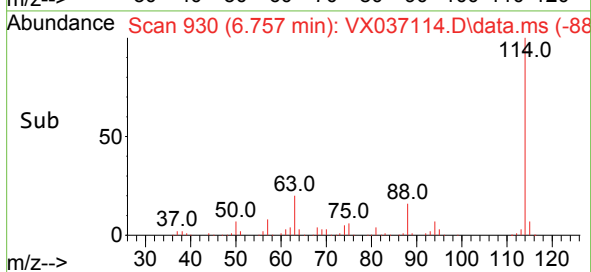
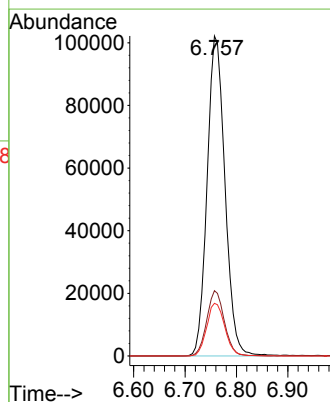
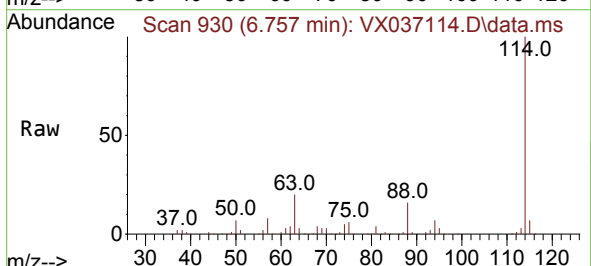
Tgt Ion: 114 Resp: 246340

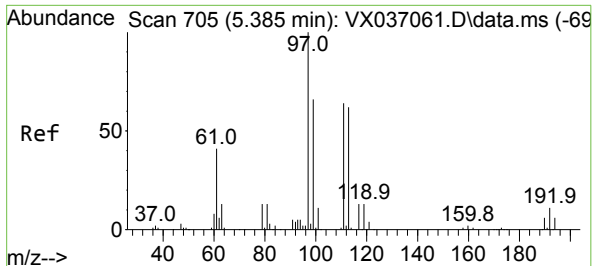
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

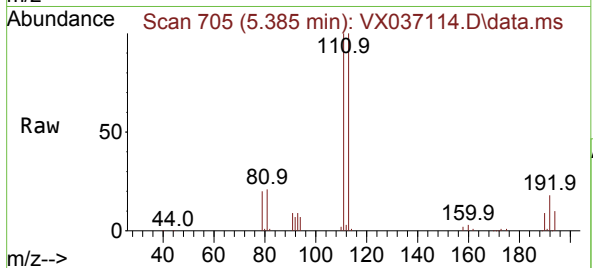
88 16.4 0.0 36.6



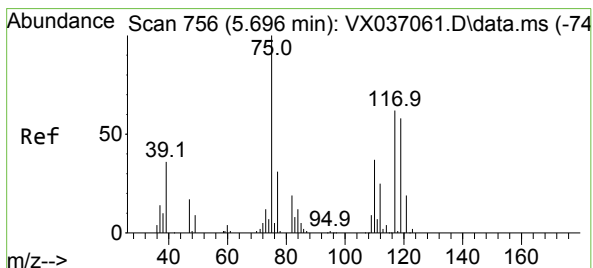
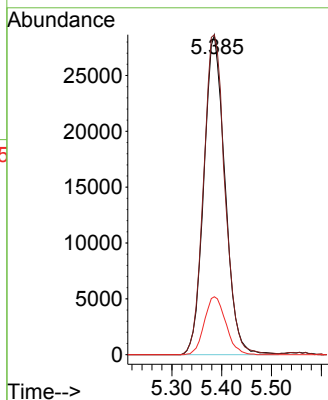
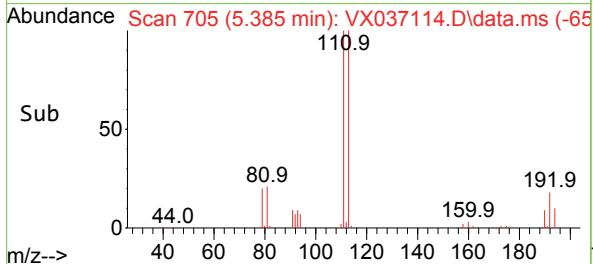


#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Instrument :
MSVOA_X
ClientSampleId :

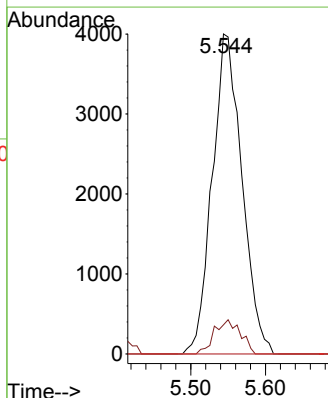
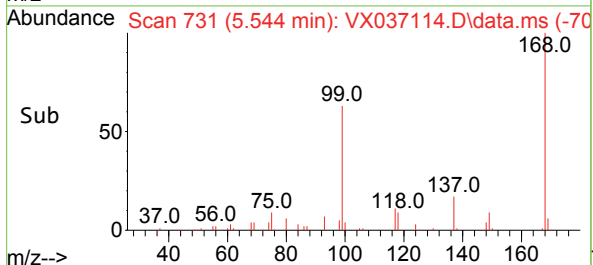
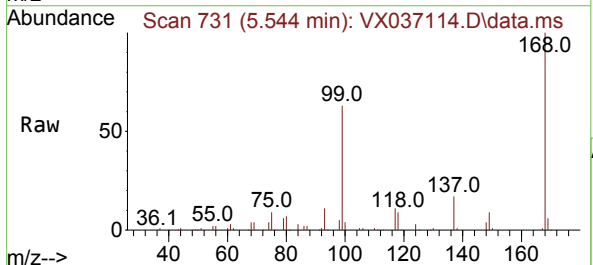


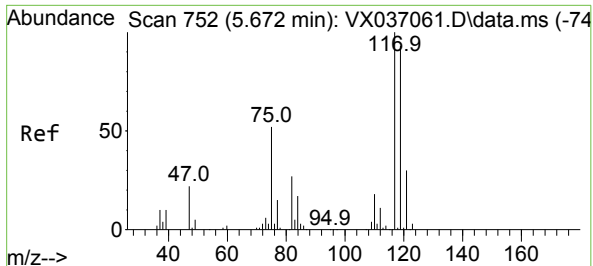
Tgt Ion:113 Resp: 84095
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

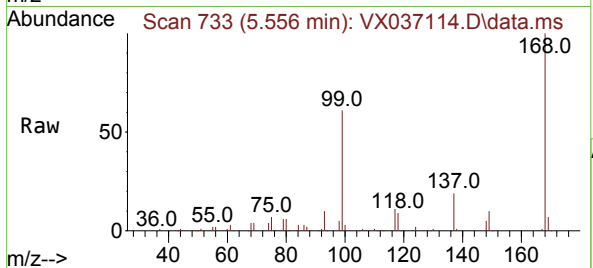
Tgt Ion: 75 Resp: 11055
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



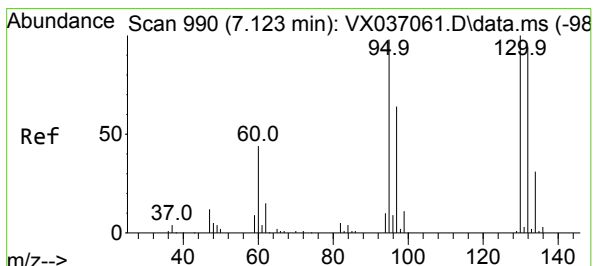
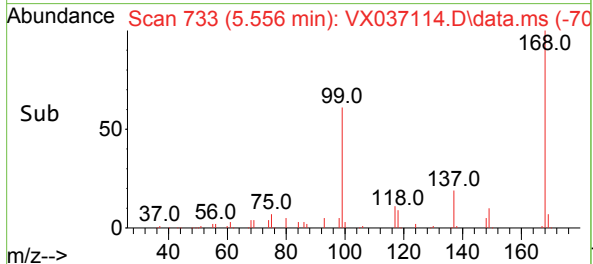
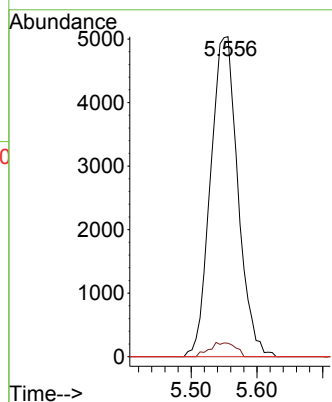


#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Instrument :
MSVOA_X
ClientSampleId :

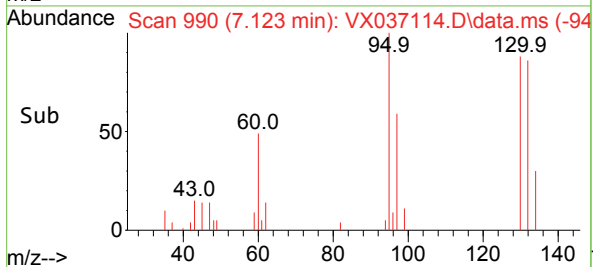
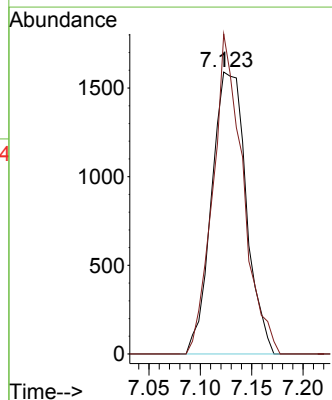
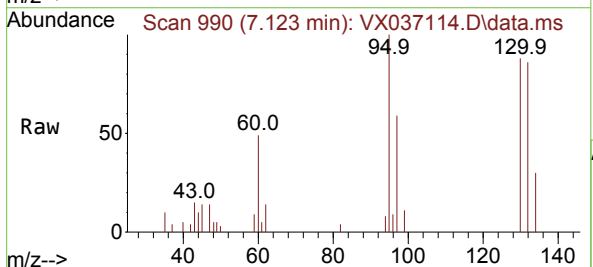


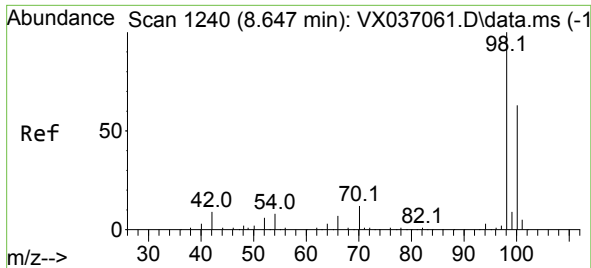
Tgt Ion:117 Resp: 14598
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.969 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Tgt Ion:130 Resp: 3711
Ion Ratio Lower Upper
130 100
95 113.5 0.0 204.4

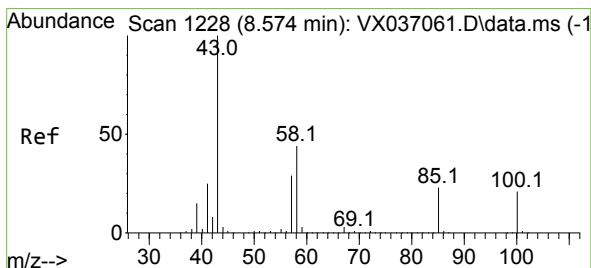
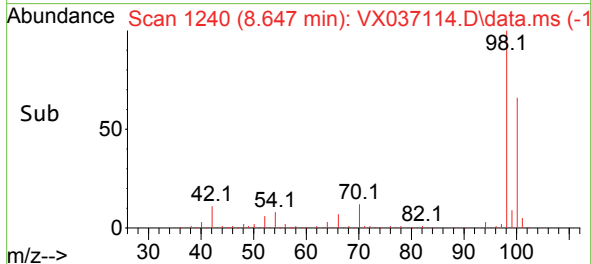
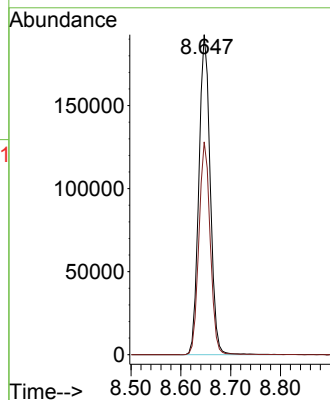
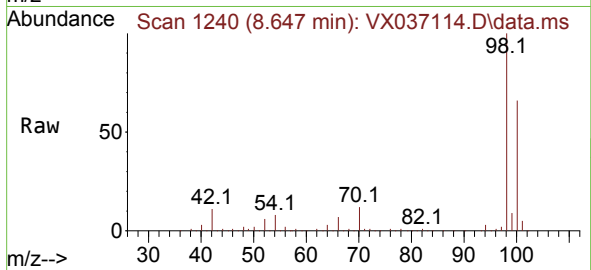




#50
Toluene-d8
Concen: 51.375 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

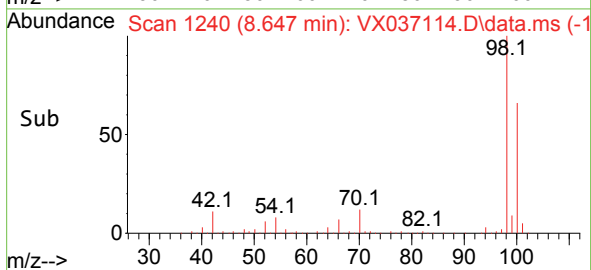
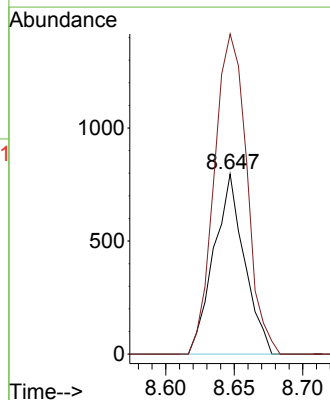
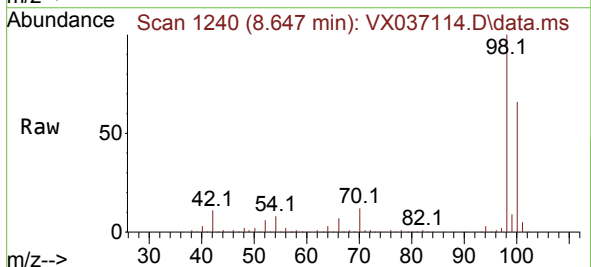
Instrument :
MSVOA_X
ClientSampleId :

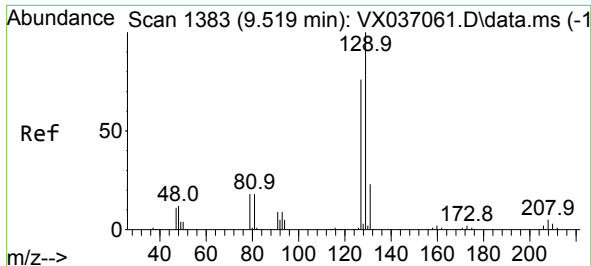
Tgt Ion: 98 Resp: 304029
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 189.2 30.4 45.6#

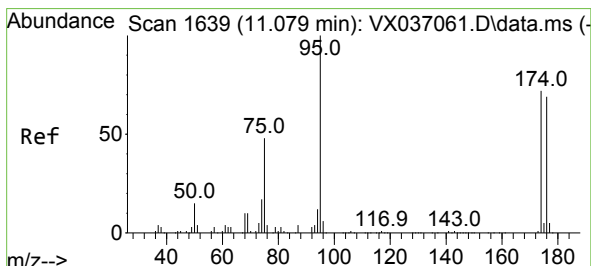
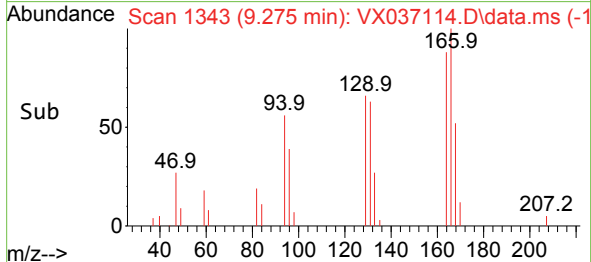
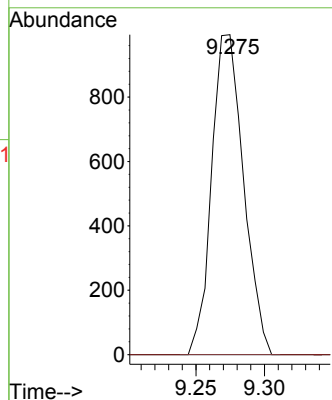
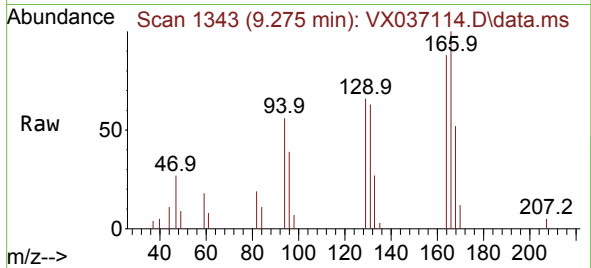




#60
Dibromochloromethane
Concen: 0.846 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

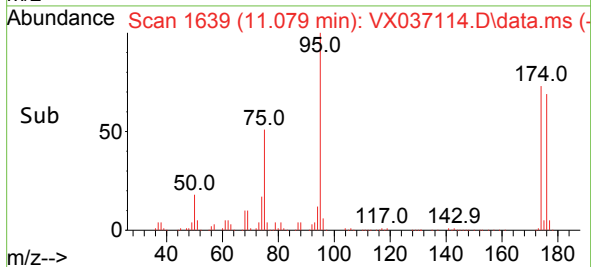
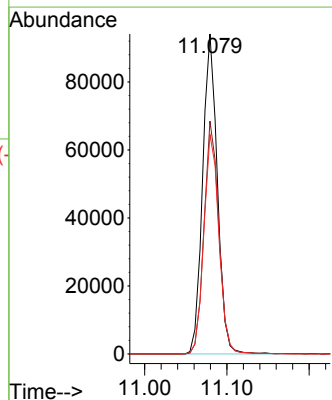
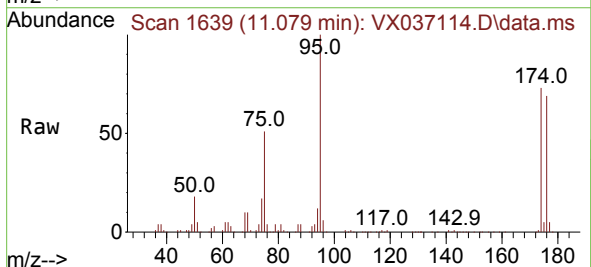
Instrument :
MSVOA_X
ClientSampleId :

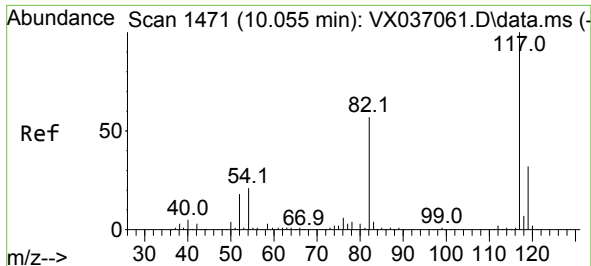
Tgt Ion:129 Resp: 1610
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

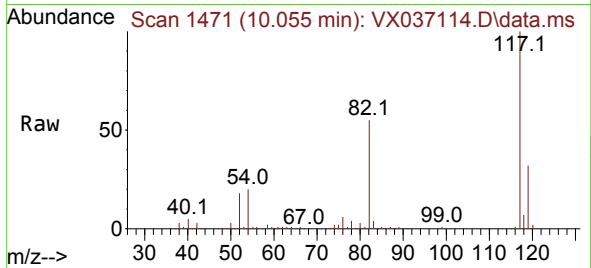
Tgt Ion: 95 Resp: 117160
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.3 0.0 131.0



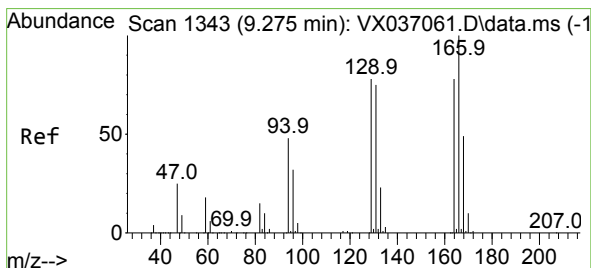
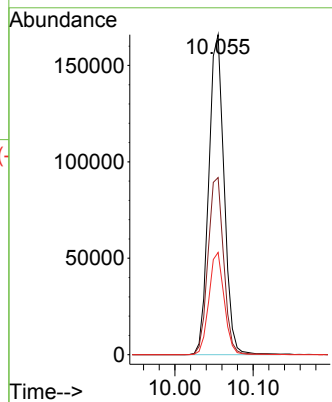
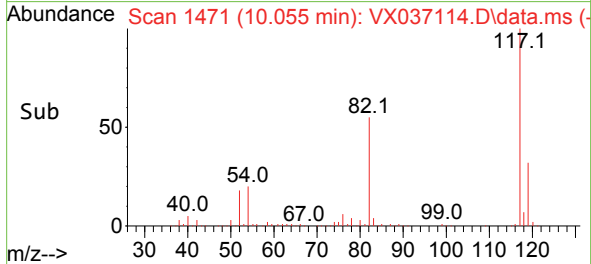


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11

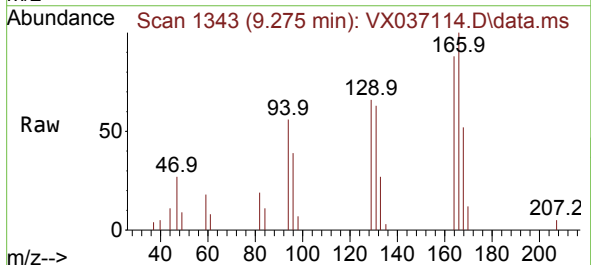
Instrument :
MSVOA_X
ClientSampleId :



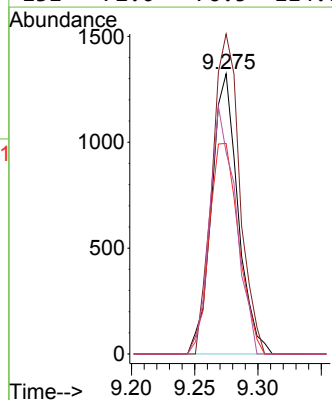
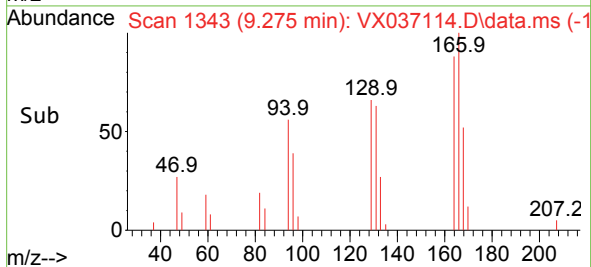
Tgt Ion:117 Resp: 225773
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.9 25.5 38.3

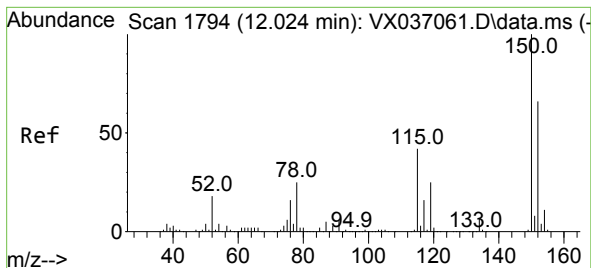


#64
Tetrachloroethene
Concen: 1.165 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037114.D
Acq: 19 Aug 2023 07:11



Tgt Ion:164 Resp: 1919
Ion Ratio Lower Upper
164 100
166 114.2 102.7 154.1
129 75.1 80.4 120.6#
131 72.0 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037114.D

Acq: 19 Aug 2023 07:11

Instrument :

MSVOA_X

ClientSampleId :

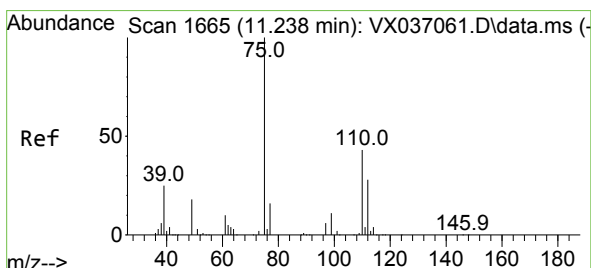
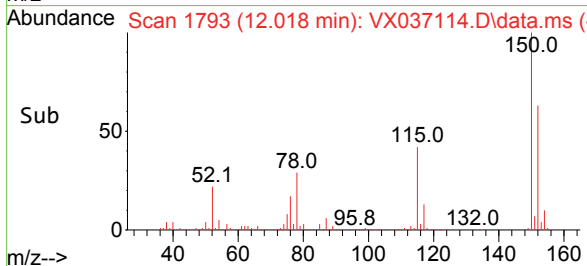
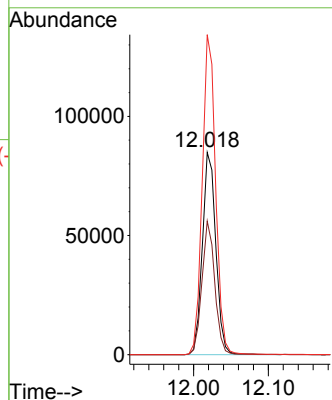
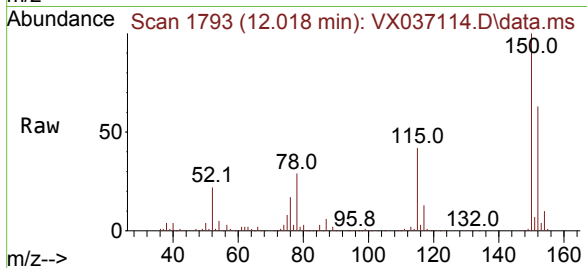
Tgt Ion:152 Resp: 106364

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.737 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037114.D

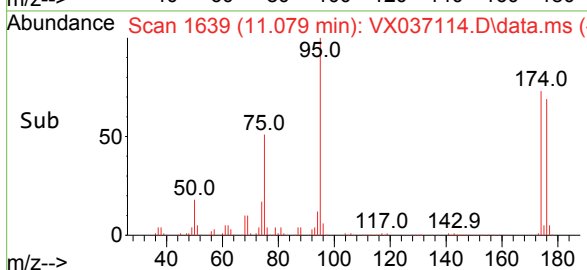
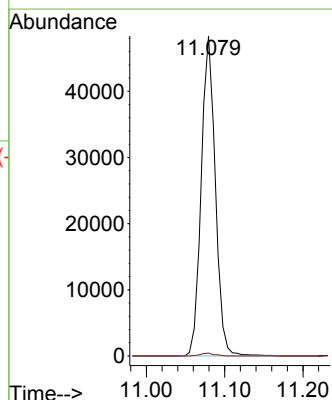
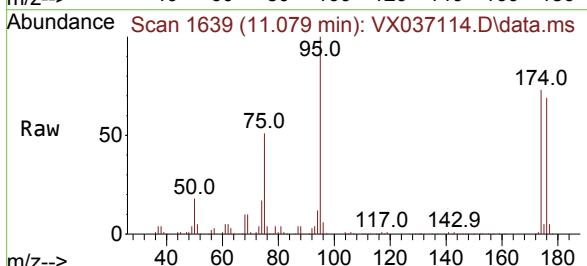
Acq: 19 Aug 2023 07:11

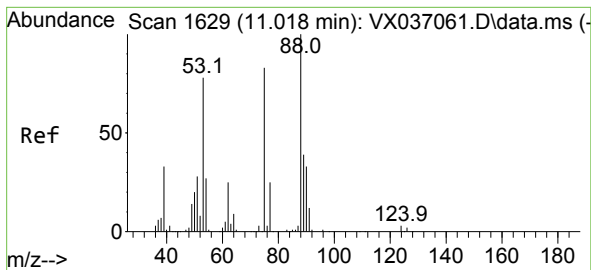
Tgt Ion: 75 Resp: 60565

Ion Ratio Lower Upper

75 100

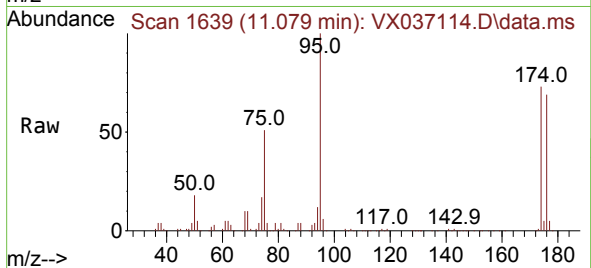
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.678 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037114.D
 Acq: 19 Aug 2023 07:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60565
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

