

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037139.D
 Acq On : 21 Aug 2023 18:32
 Operator : JC/MD
 Sample : 04014-01
 Misc : 6.23g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:59:54 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)

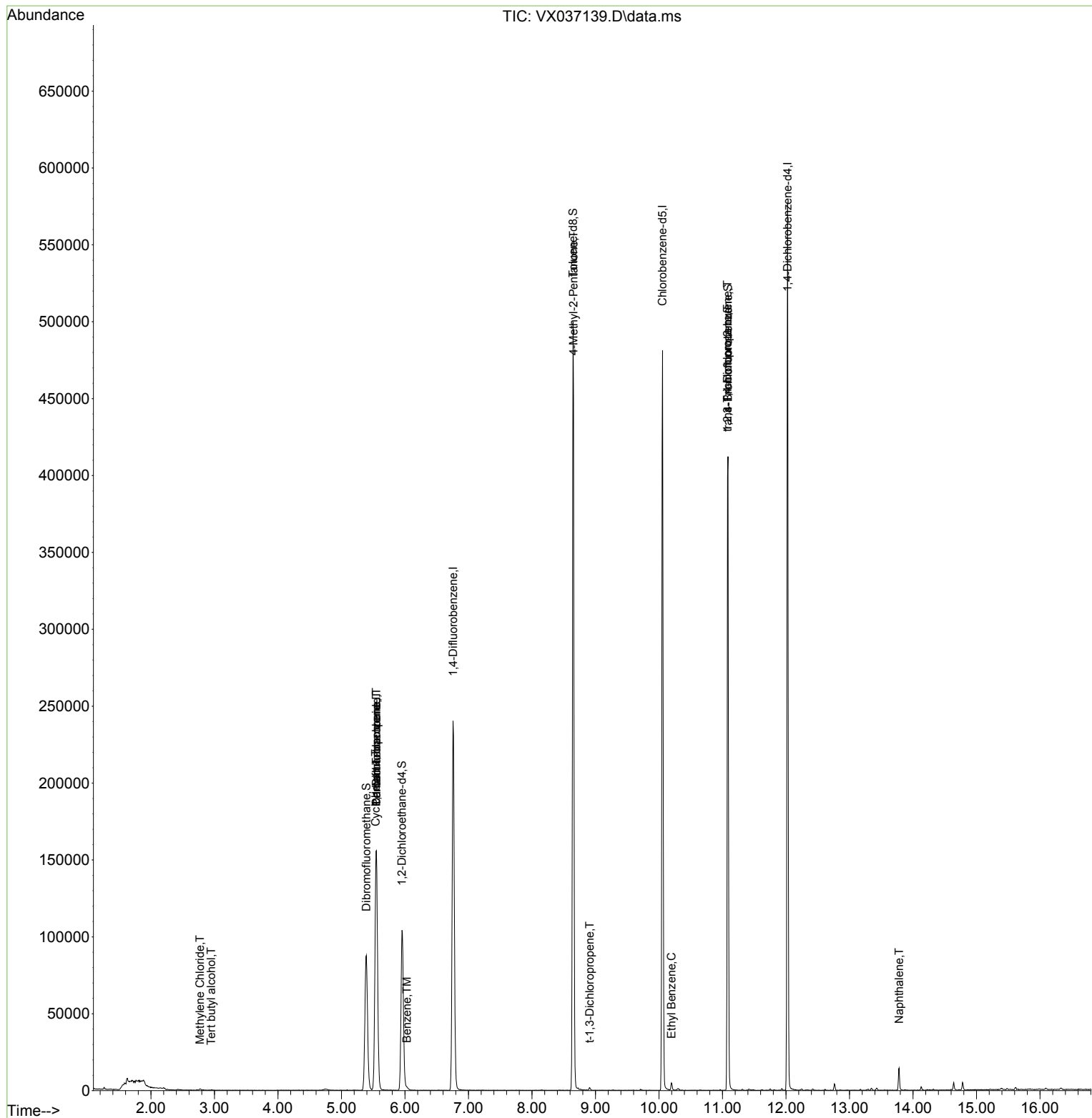
Internal Standards						
1) Pentafluorobenzene	5.550	168	145623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	249007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104510	49.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.391	113	77979	47.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	302730	50.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.085	95	121145	51.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	149	0.303	ug/l #	78
20) Methylene Chloride	2.770	84	439	0.239	ug/l #	75
31) Cyclohexane	5.538	56	3092	1.310	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11903	5.080	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15729	6.180	ug/l #	15
40) Benzene	6.032	78	1821	0.271	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	1179	0.511	ug/l #	1
53) t-1,3-Dichloropropene	8.909	75	833	0.313	ug/l #	43
67) Ethyl Benzene	10.195	91	3234	0.387	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	61936	24.629	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61936	68.791	ug/l #	5
95) Naphthalene	13.780	128	10175	1.033	ug/l	99

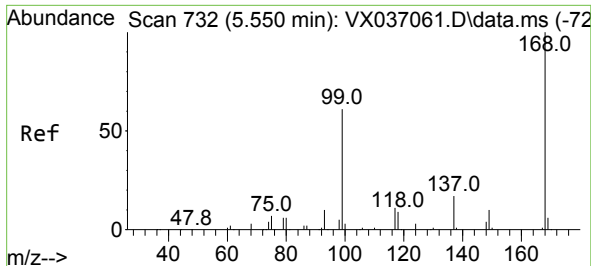
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
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MSVOA_X
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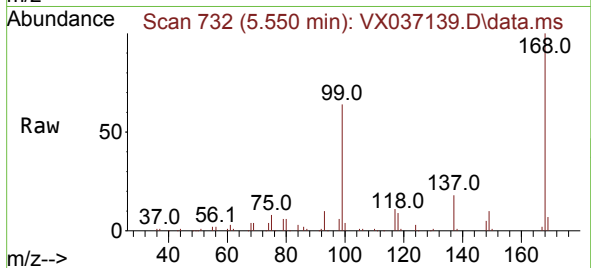
Quant Time: Aug 22 05:59:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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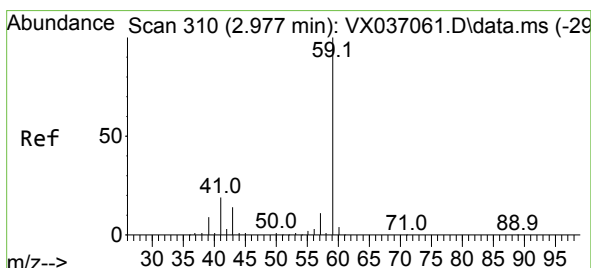
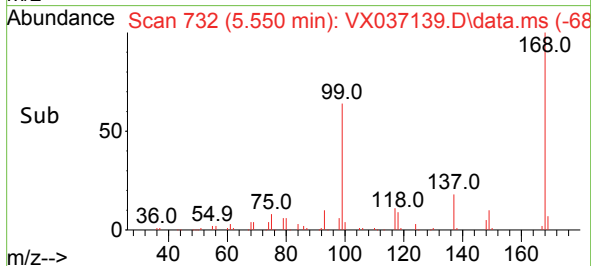
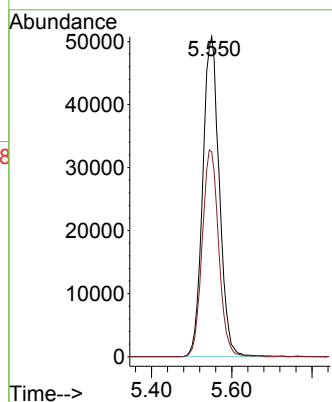


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :

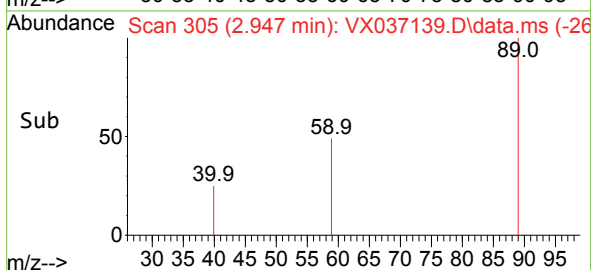
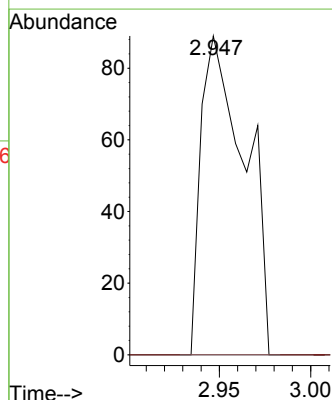
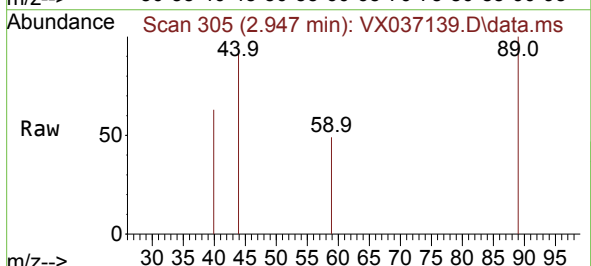


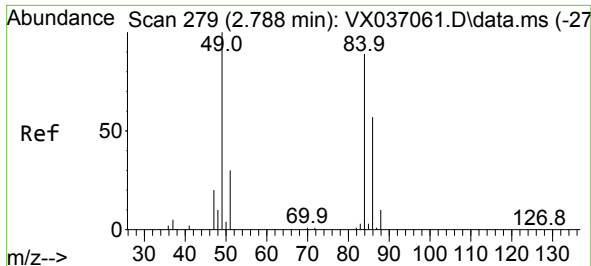
Tgt Ion:168 Resp: 145623
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.303 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

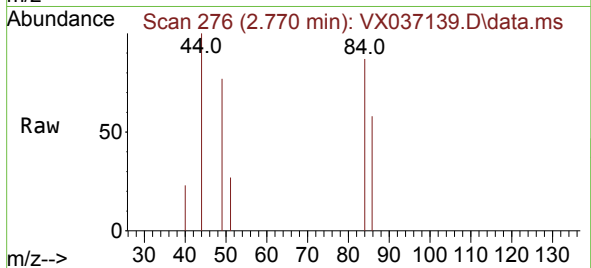
Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





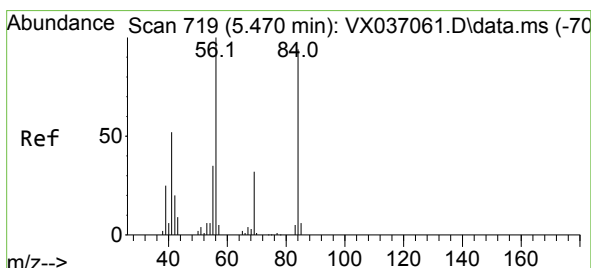
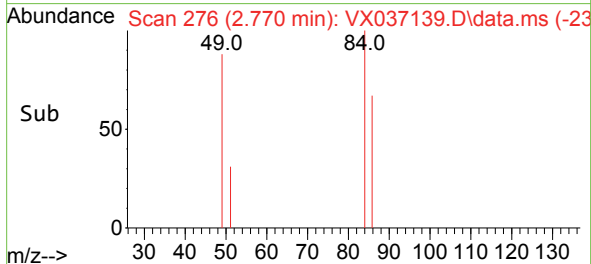
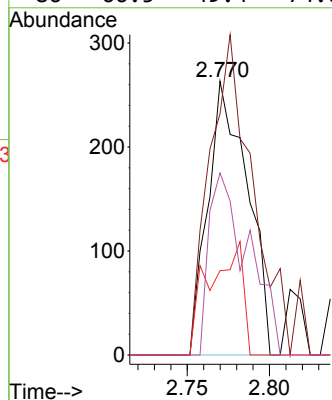
#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 439

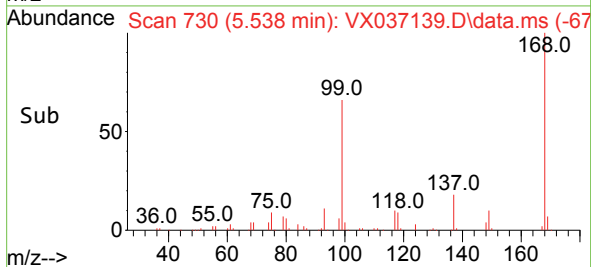
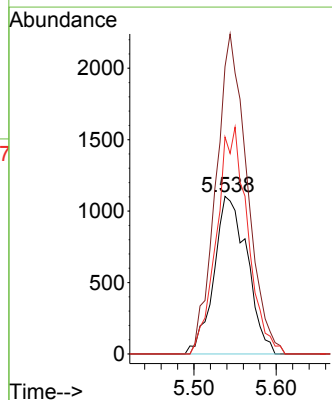
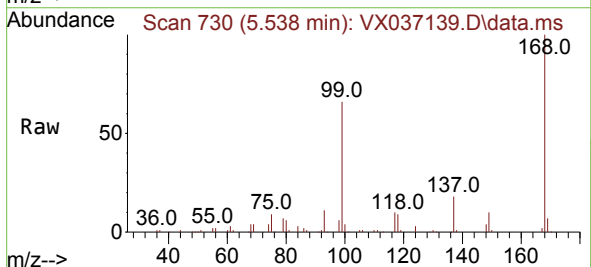
Ion	Ratio	Lower	Upper
84	100		
49	88.2	103.6	155.4#
51	30.8	33.8	50.6#
86	66.5	49.4	74.0

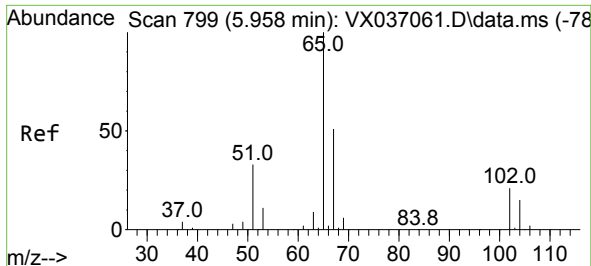


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 56 Resp: 3092

Ion	Ratio	Lower	Upper
56	100		
69	182.2	23.4	35.2#
84	137.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.781 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037139.D

Acq: 21 Aug 2023 18:32

Instrument :

MSVOA_X

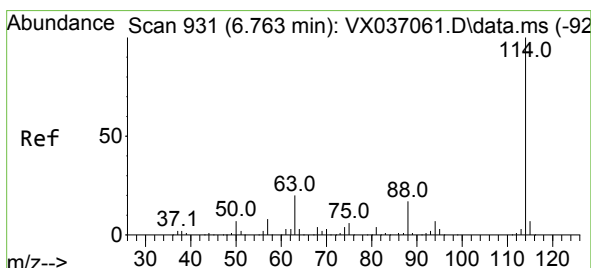
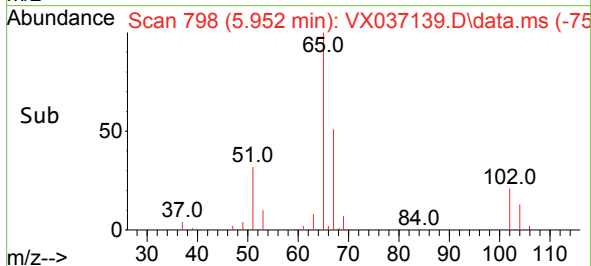
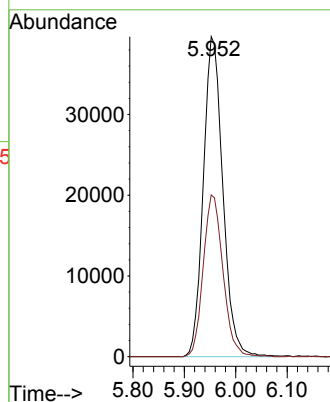
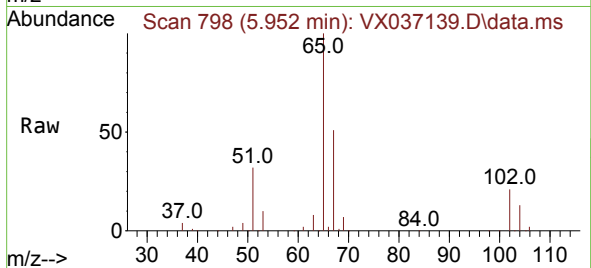
ClientSampleId :

Tgt Ion: 65 Resp: 104510

Ion Ratio Lower Upper

65 100

67 51.1 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: VX037139.D

Acq: 21 Aug 2023 18:32

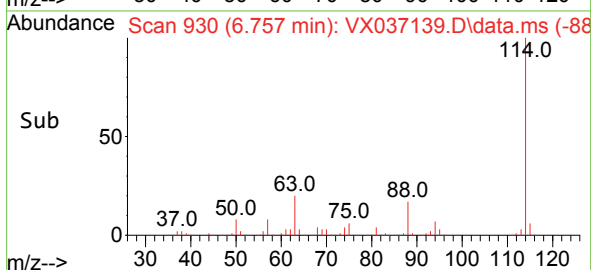
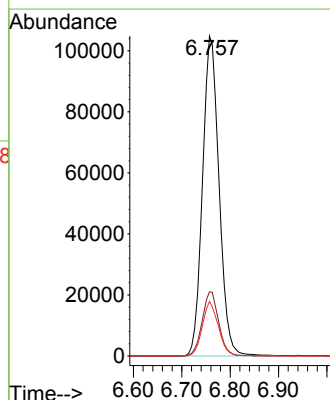
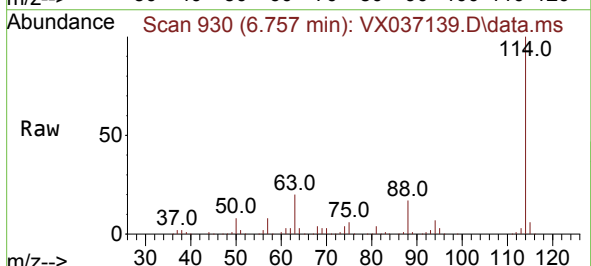
Tgt Ion: 114 Resp: 249007

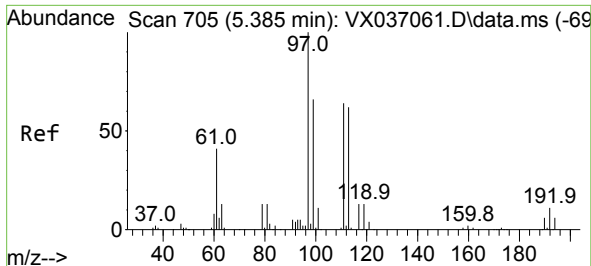
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

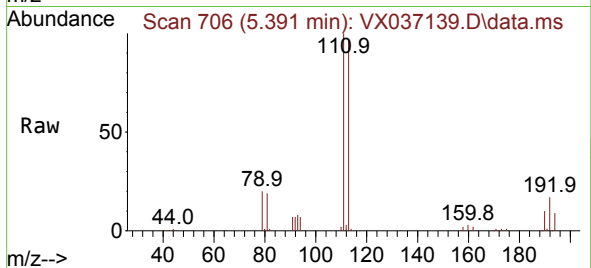
88 17.0 0.0 36.6



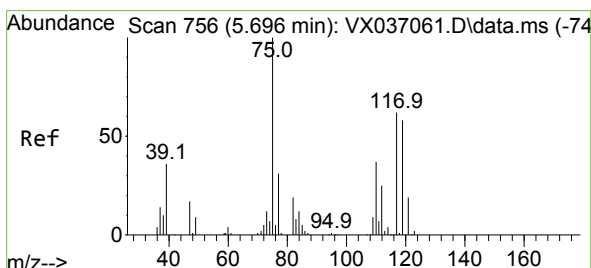
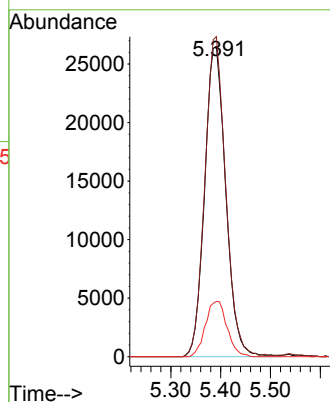
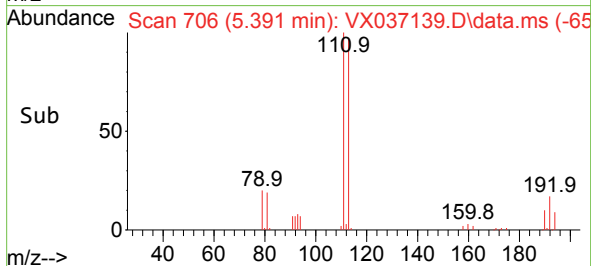


#35
Dibromofluoromethane
Concen: 47.285 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :

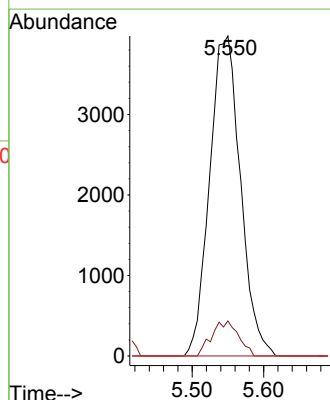
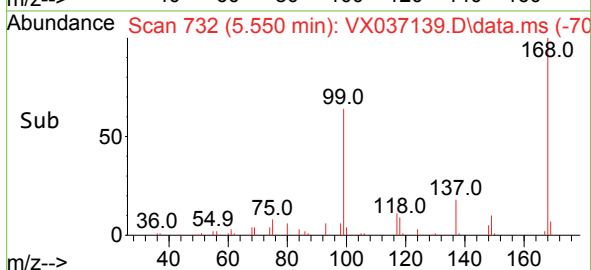
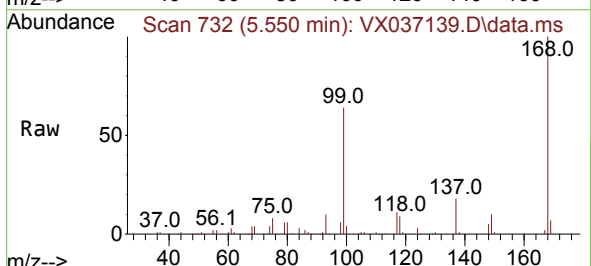


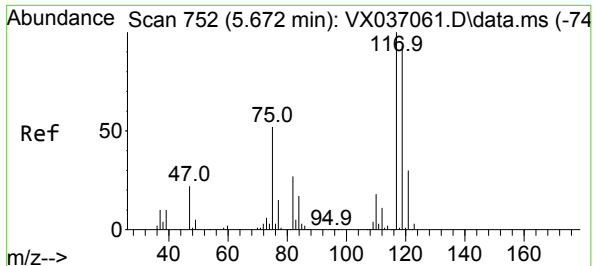
Tgt Ion:113 Resp: 77979
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

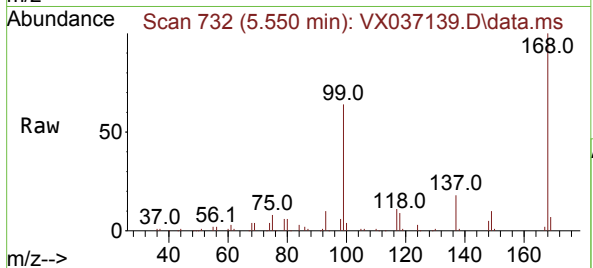
Tgt Ion: 75 Resp: 11903
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



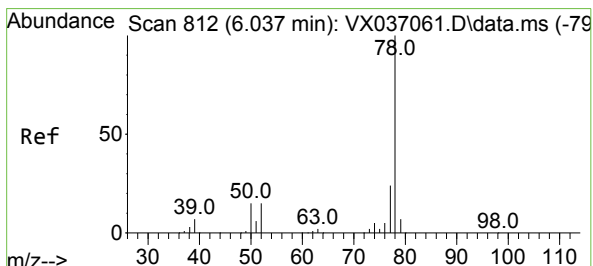
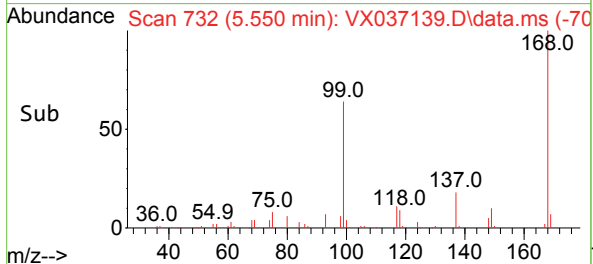
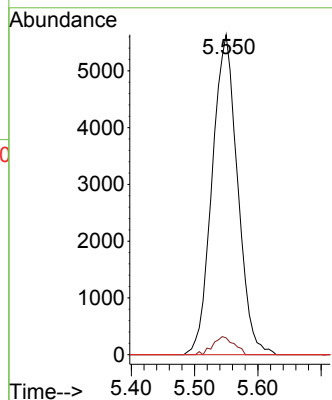


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :

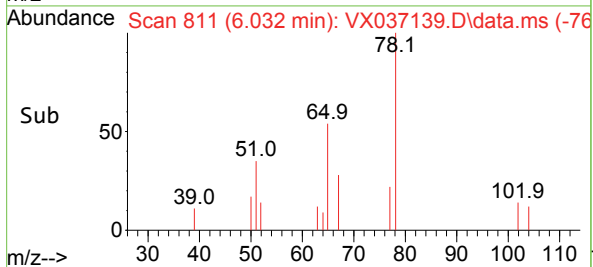
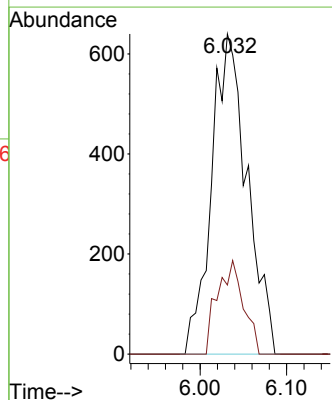
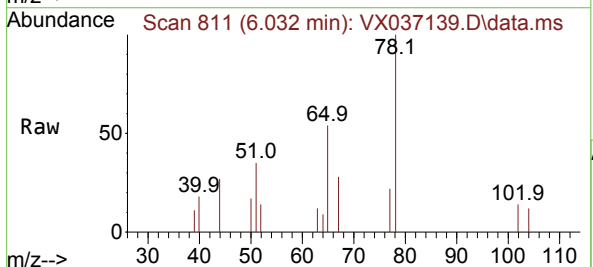


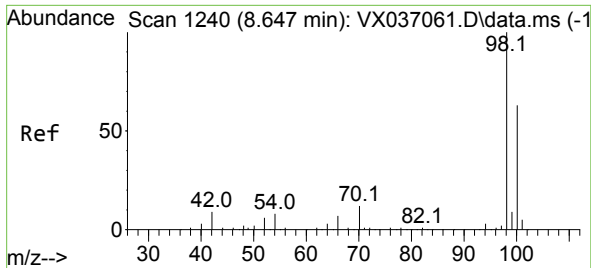
Tgt Ion:117 Resp: 15729
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.271 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 78 Resp: 1821
Ion Ratio Lower Upper
78 100
77 21.6 19.3 28.9

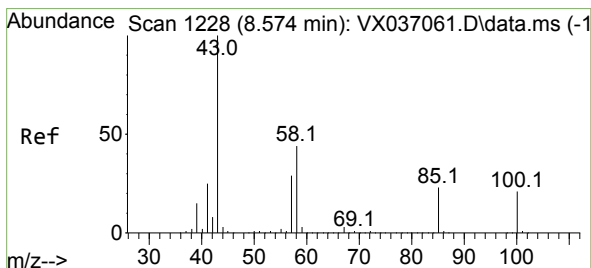
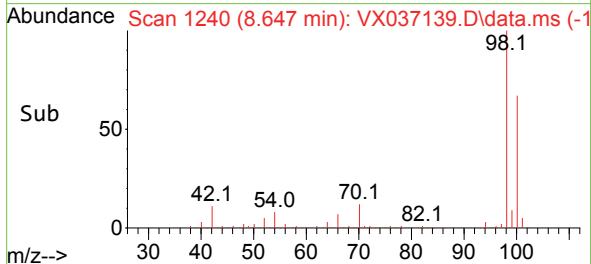
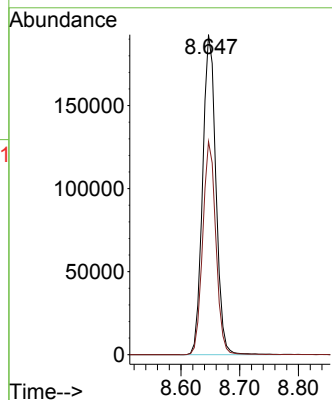
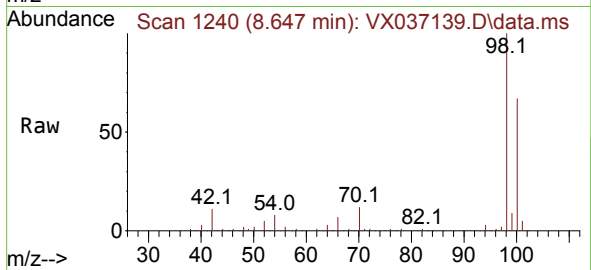




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

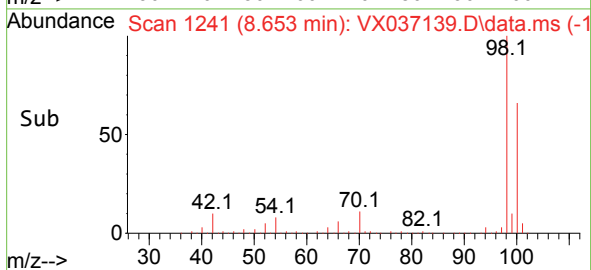
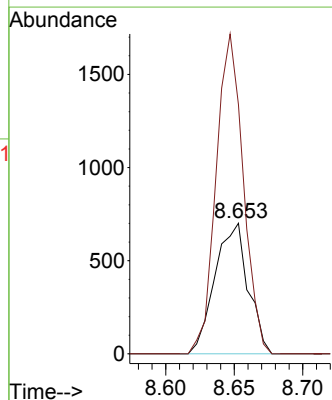
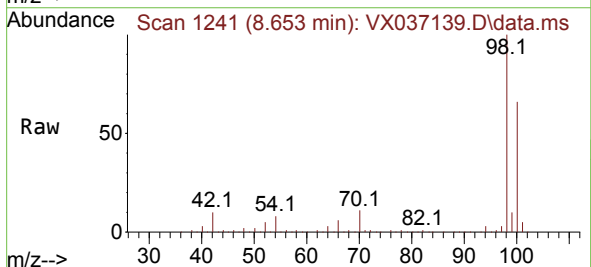
Instrument :
MSVOA_X
ClientSampleId :

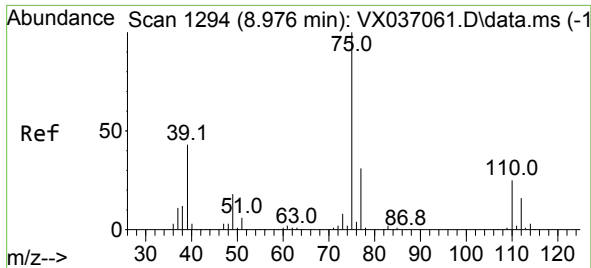
Tgt Ion: 98 Resp: 302730
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 201.1 30.4 45.6#

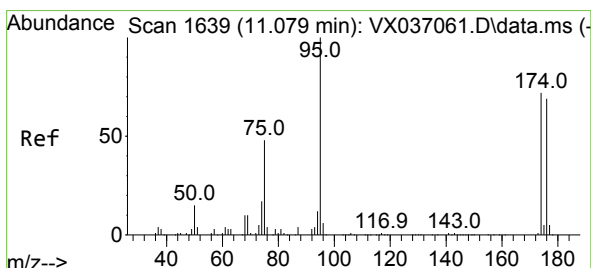
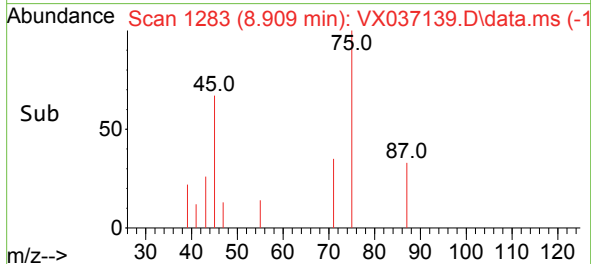
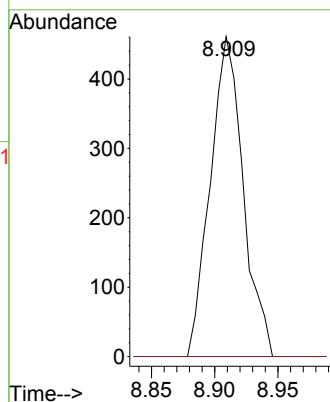
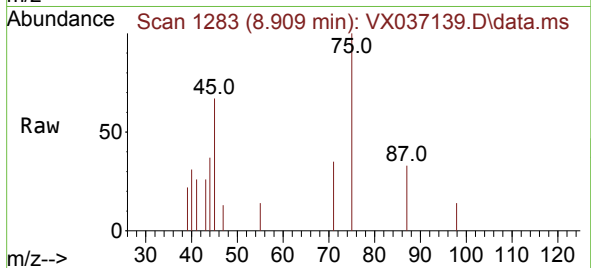




#53
t-1,3-Dichloropropene
Concen: 0.313 ug/l
RT: 8.909 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

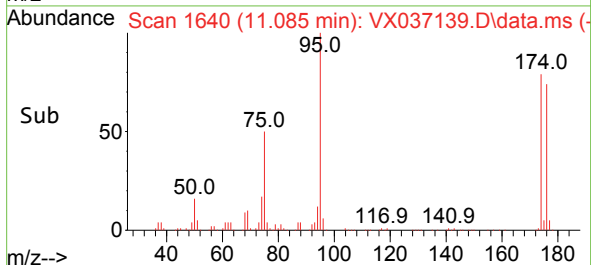
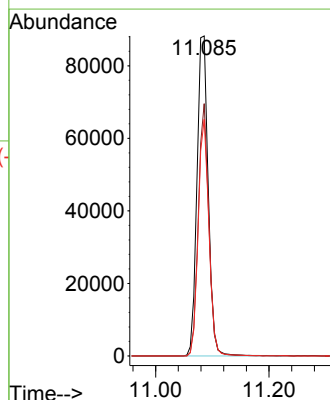
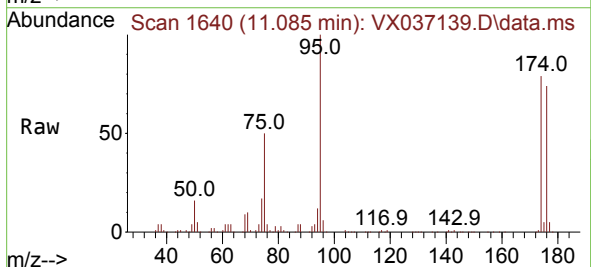
Instrument :
MSVOA_X
ClientSampleId :

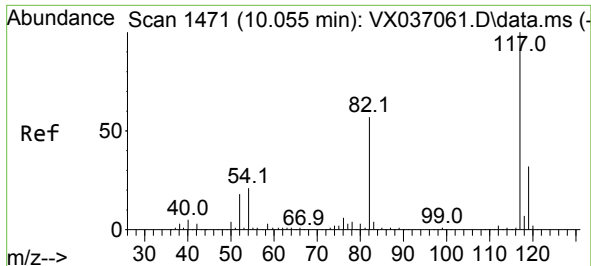
Tgt Ion: 75 Resp: 833
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 95 Resp: 121145
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.4 0.0 131.0

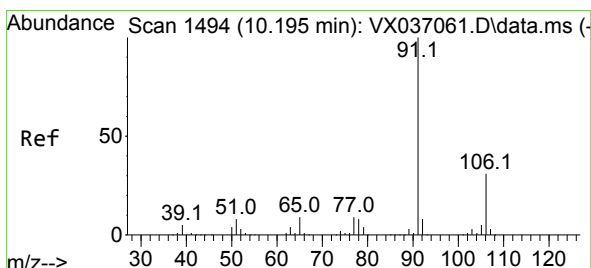
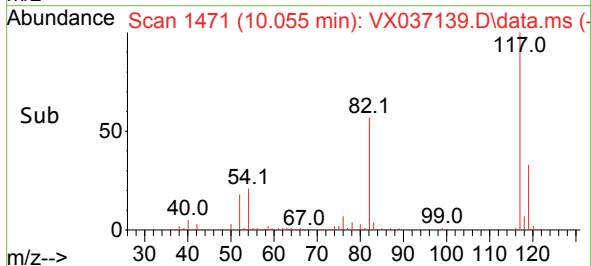
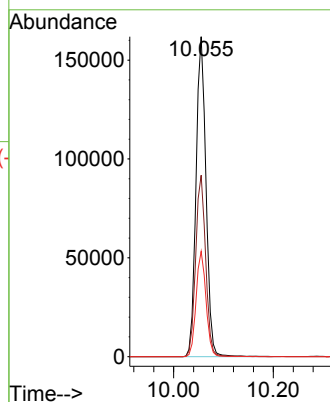
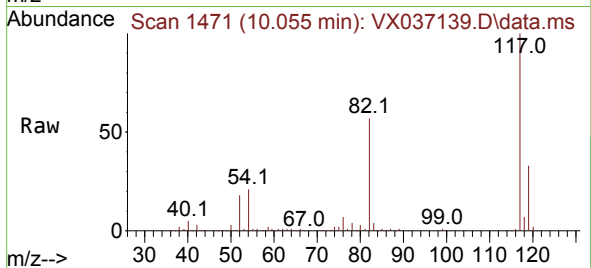




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

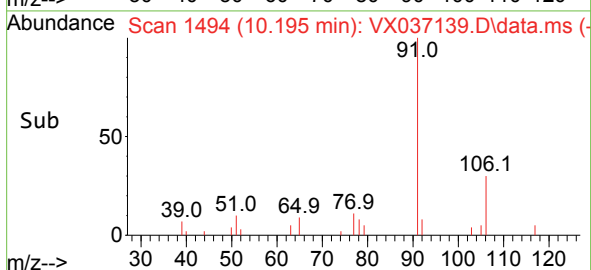
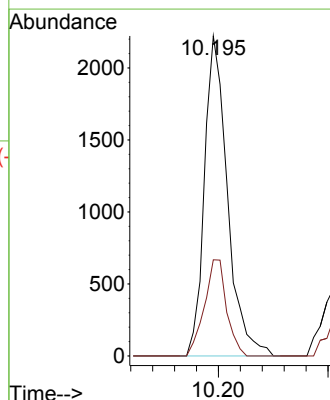
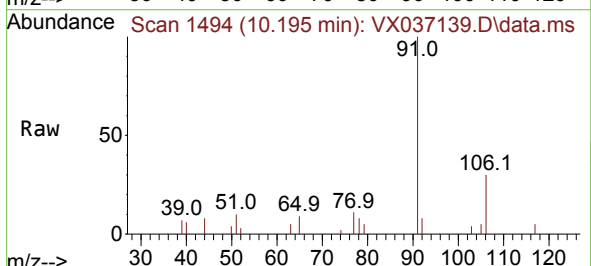
Instrument :
MSVOA_X
ClientSampleId :

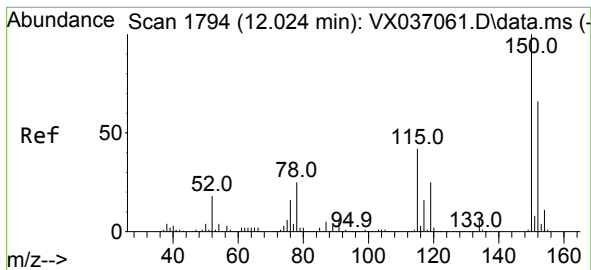
Tgt Ion:117 Resp: 224609
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.387 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 91 Resp: 3234
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037139.D

Acq: 21 Aug 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

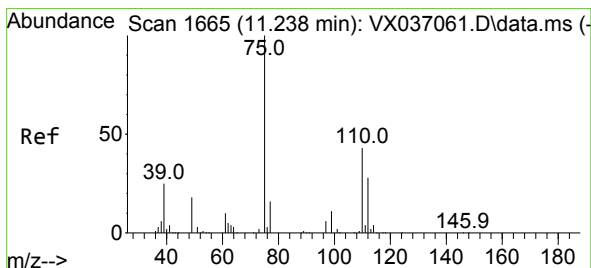
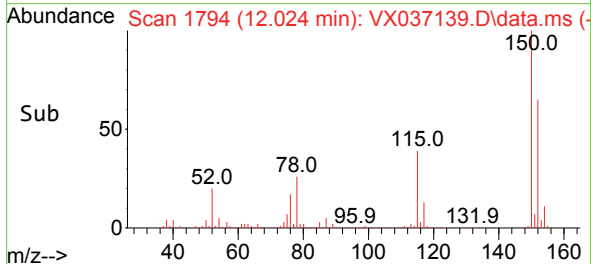
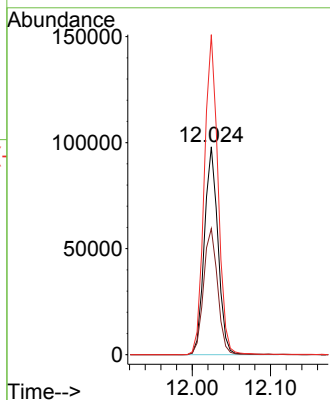
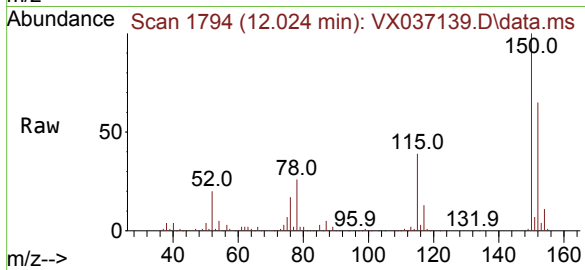
Tgt Ion:152 Resp: 118080

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.629 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037139.D

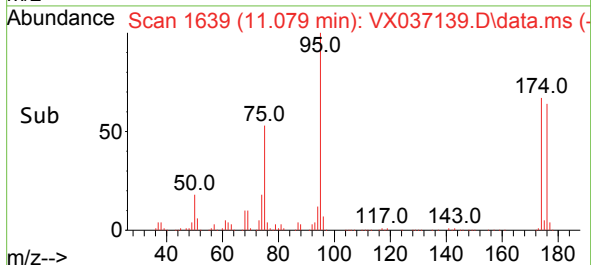
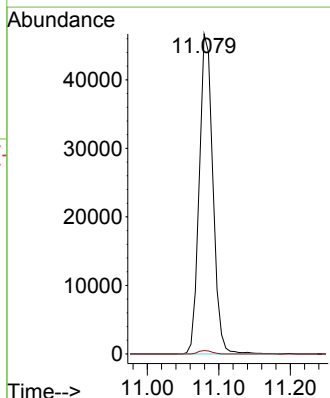
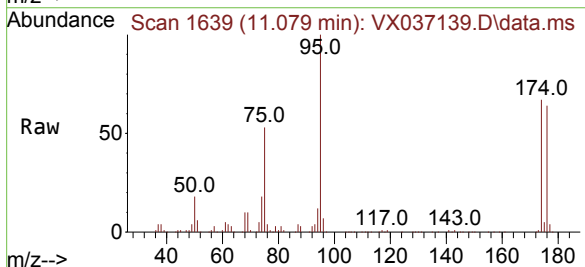
Acq: 21 Aug 2023 18:32

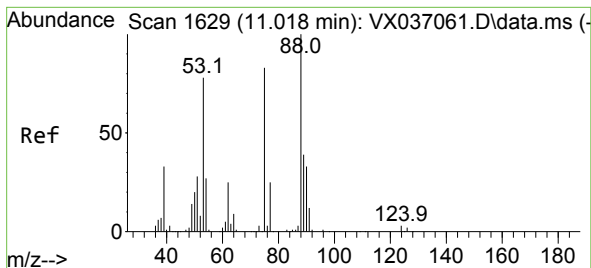
Tgt Ion: 75 Resp: 61936

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

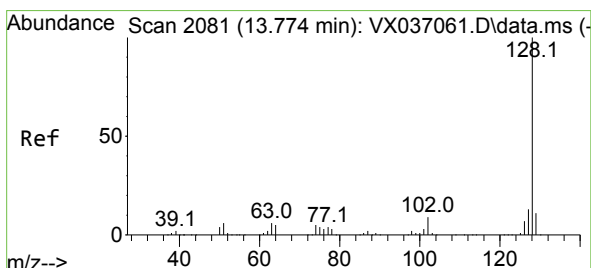
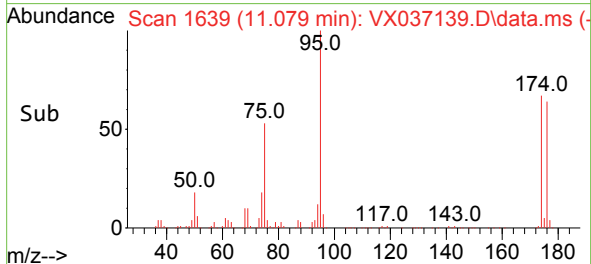
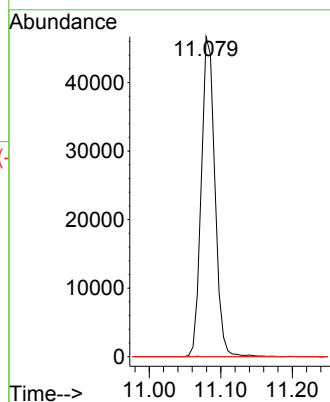
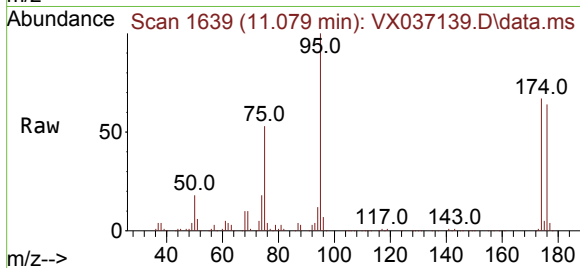




#81
trans-1,4-Dichloro-2-butene
Concen: 68.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61936
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 1.033 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037139.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 128 Resp: 10175
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 10.8 8.8 13.2

