

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037358.D
 Acq On : 30 Aug 2023 00:13
 Operator : JC/MD
 Sample : VX0829WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBL02

Quant Time: Aug 30 02:11:33 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)

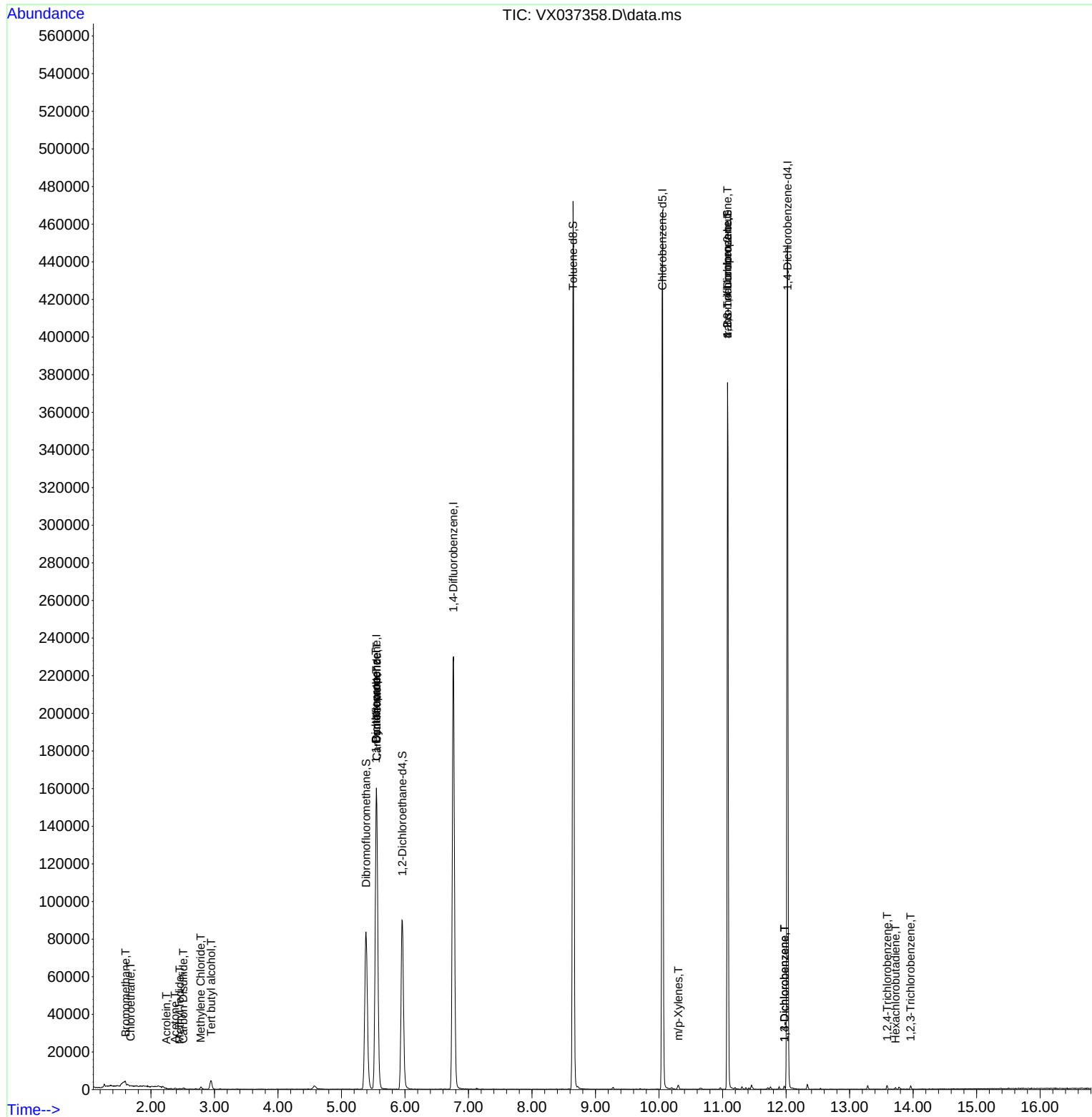
Internal Standards						
1) Pentafluorobenzene	5.550	168	151058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91434	41.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.980%
35) Dibromofluoromethane	5.385	113	75446	45.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.540%
50) Toluene-d8	8.647	98	289479	48.413	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	105040	44.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	181	0.217	ug/l #	73
6) Chloroethane	1.679	64	247	0.251	ug/l #	43
10) Methyl Iodide	2.453	142	403	0.208	ug/l #	56
11) Tert butyl alcohol	2.947	59	2981	5.835	ug/l #	78
13) Acrolein	2.239	56	142	0.365	ug/l #	73
16) Acetone	2.380	43	546	0.641	ug/l #	68
17) Carbon Disulfide	2.508	76	890	0.225	ug/l #	76
20) Methylene Chloride	2.782	84	650	0.341	ug/l #	86
31) Cyclohexane	5.550	56	2853	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11254	4.805	ug/l #	52
38) Carbon Tetrachloride	5.556	117	15636	6.146	ug/l #	15
68) m/p-Xylenes	10.305	106	691	0.220	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	51953	25.130	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51953	70.190	ug/l #	5
87) 1,3-Dichlorobenzene	11.976	146	723	0.224	ug/l	91
88) 1,4-Dichlorobenzene	11.976	146	723	0.217	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	681	0.368	ug/l	99
94) Hexachlorobutadiene	13.725	225	252	0.353	ug/l	80
96) 1,2,3-Trichlorobenzene	13.963	180	611	0.333	ug/l	90

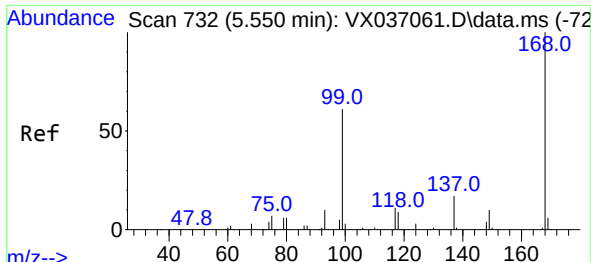
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

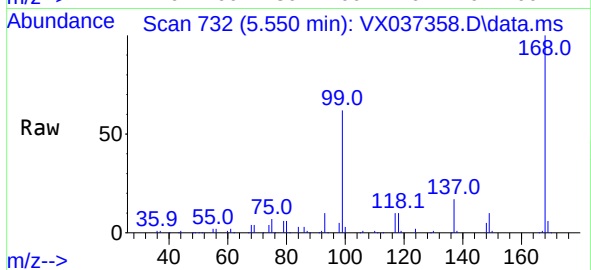
Quant Time: Aug 30 02:11:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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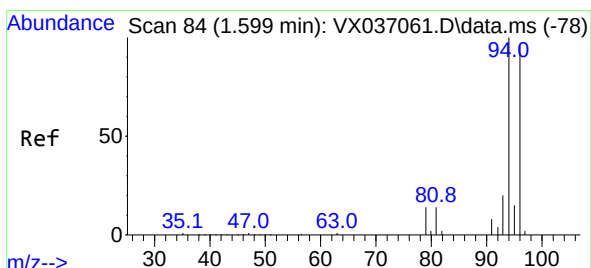
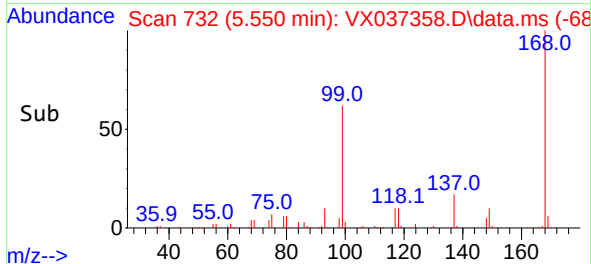
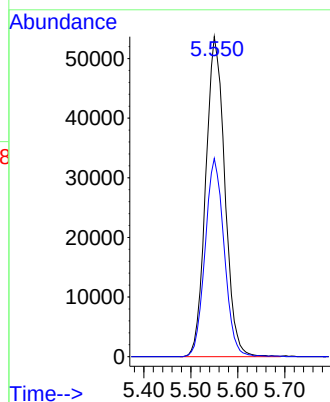


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

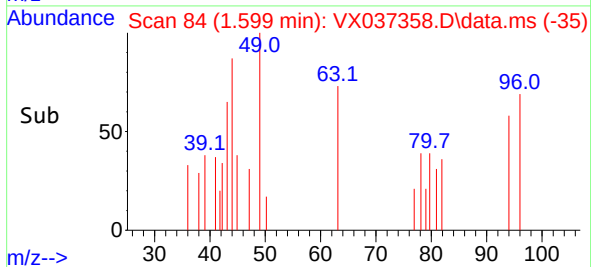
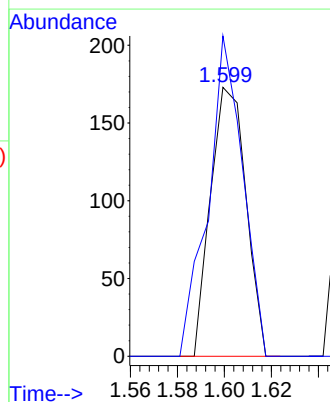
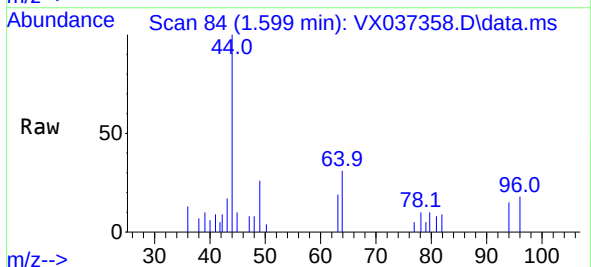


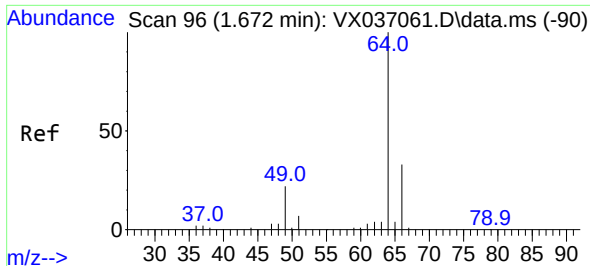
Tgt Ion:168 Resp: 151058
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 119.1 74.6 111.8#

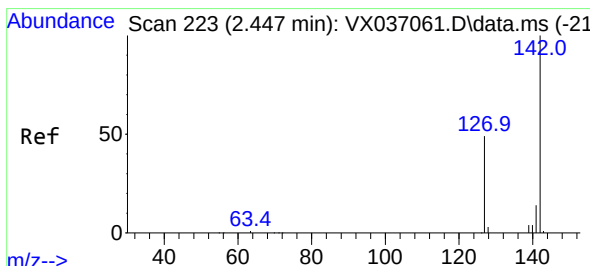
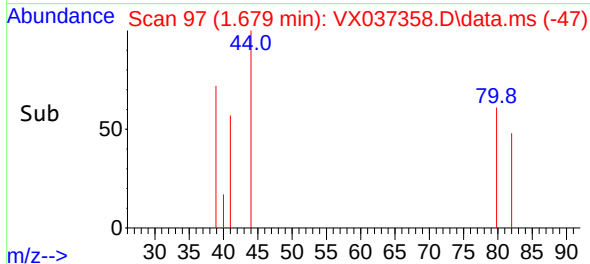
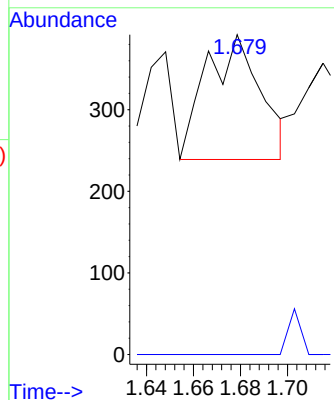
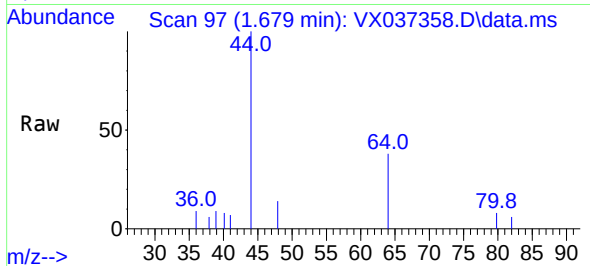




#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

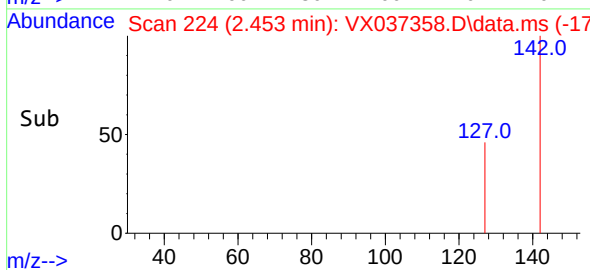
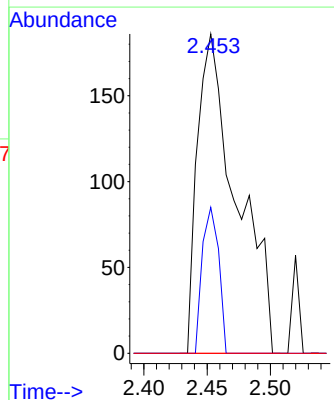
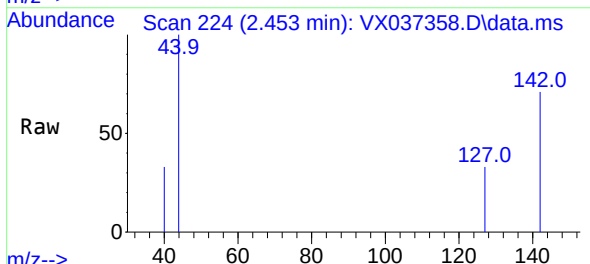
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

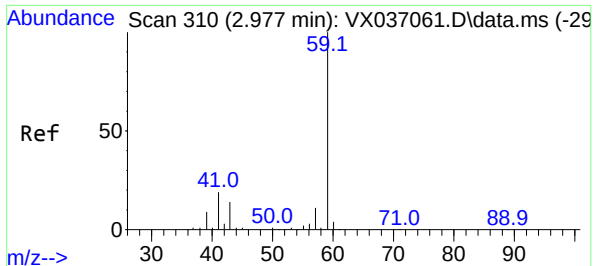
Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 142 Resp: 403
Ion Ratio Lower Upper
142 100
127 19.1 41.6 62.4#
141 0.0 11.6 17.4#

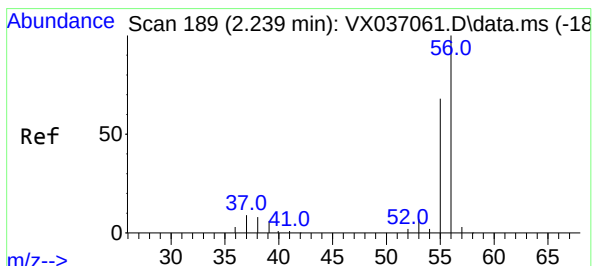
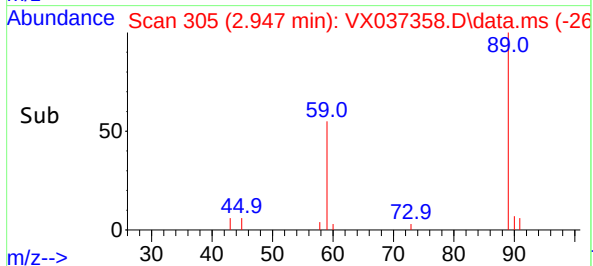
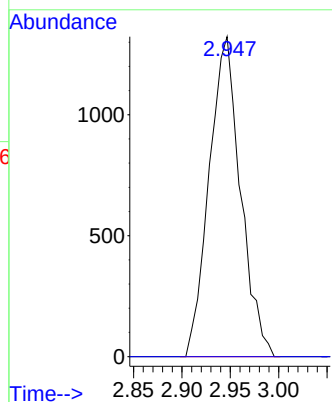
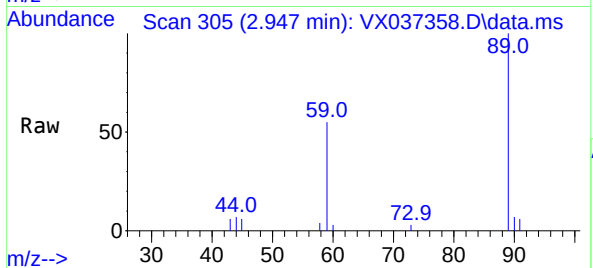




#11
Tert butyl alcohol
Concen: 5.835 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

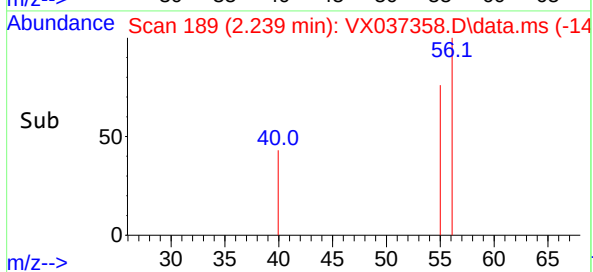
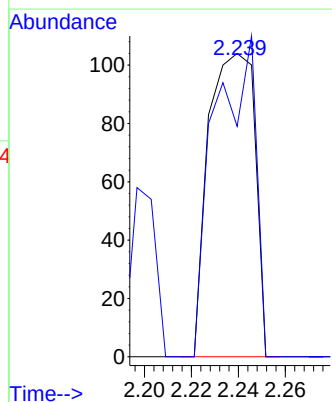
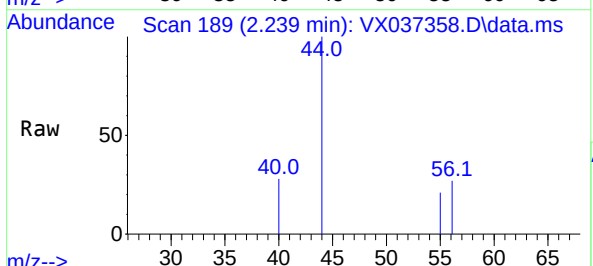
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

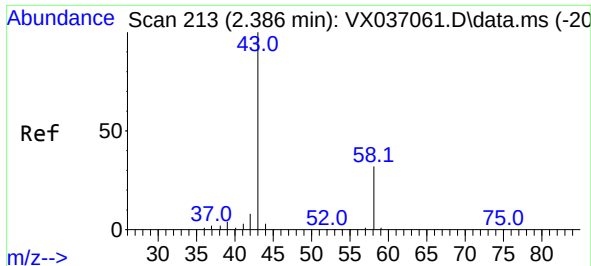
Tgt Ion: 59 Resp: 2981
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.365 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 93.7 57.1 85.7#

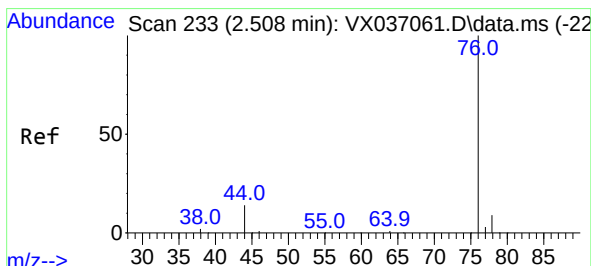
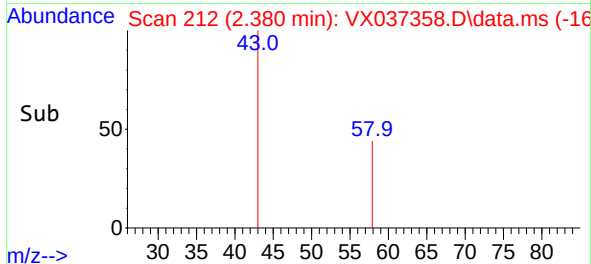
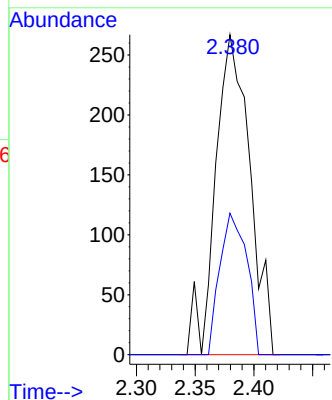
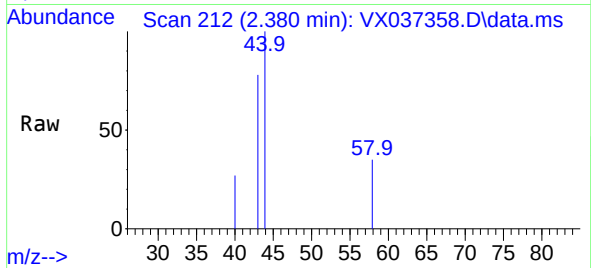




#16
Acetone
Concen: 0.641 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

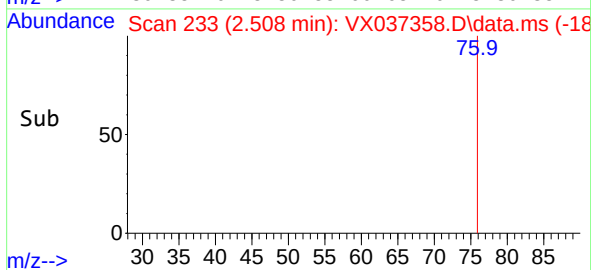
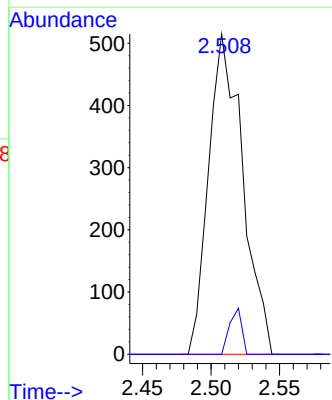
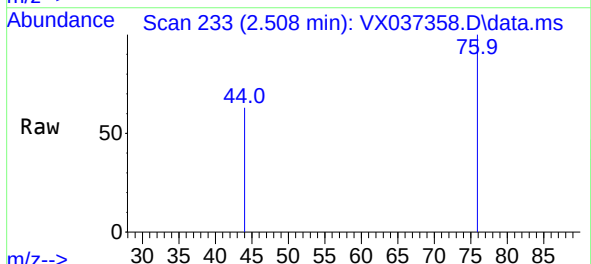
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

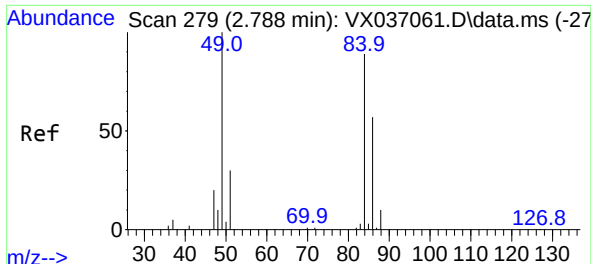
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
58 44.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 76 Resp: 890
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



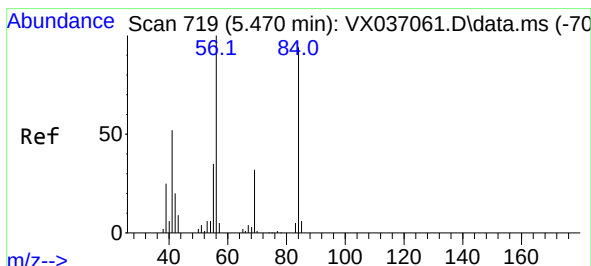
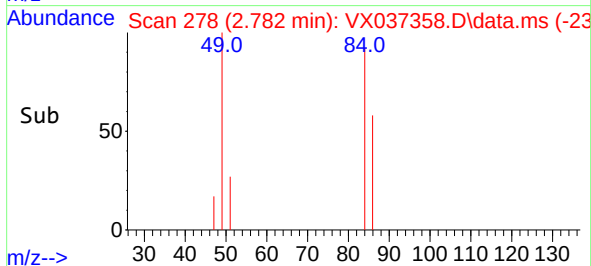
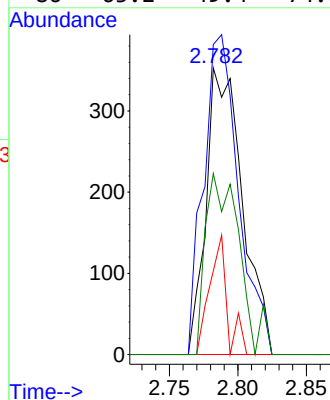
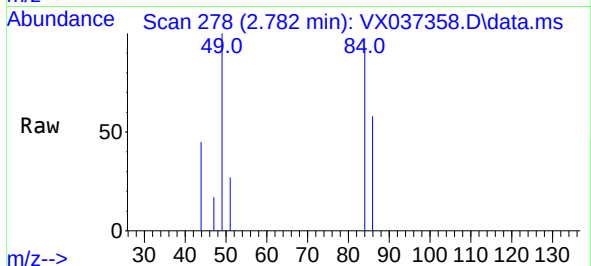


#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

Tgt Ion: 84 Resp: 650

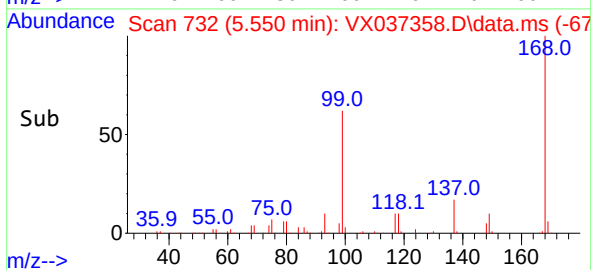
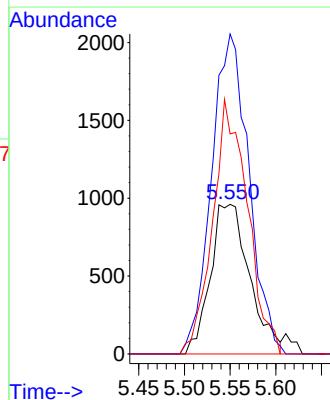
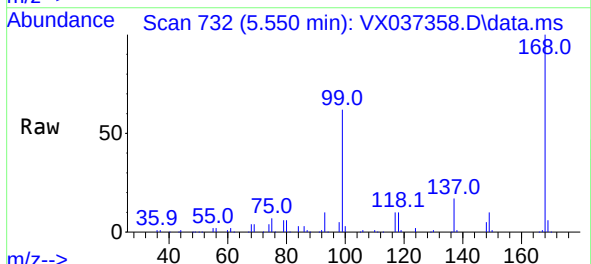
Ion	Ratio	Lower	Upper
84	100		
49	108.2	103.6	155.4
51	29.2	33.8	50.6#
86	63.2	49.4	74.0

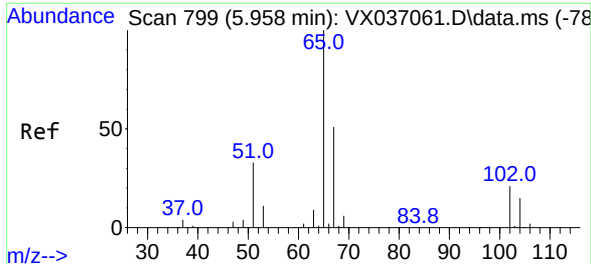


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 56 Resp: 2853

Ion	Ratio	Lower	Upper
56	100		
69	213.8	23.4	35.2#
84	147.0	65.9	98.9#

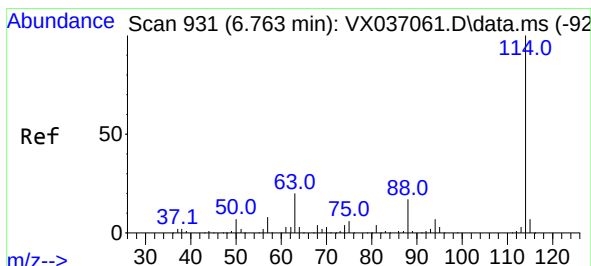
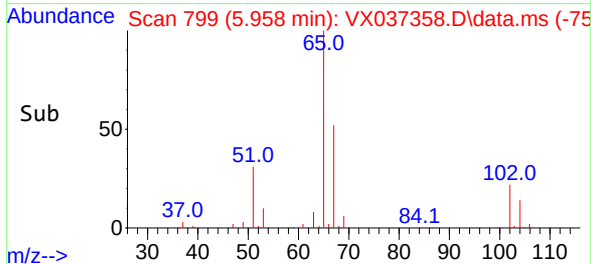
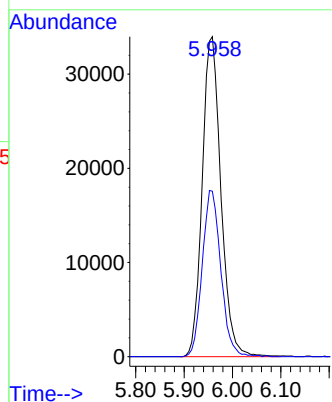
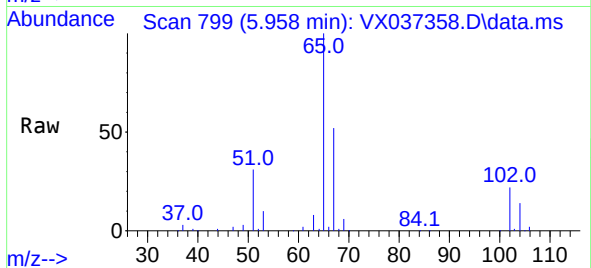




#33
1,2-Dichloroethane-d4
Concen: 41.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

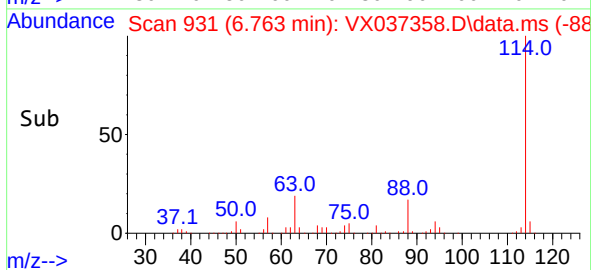
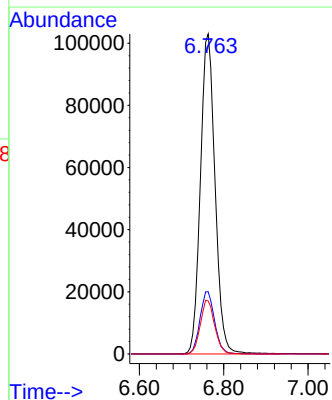
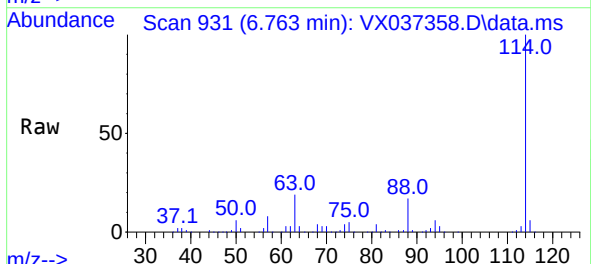
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

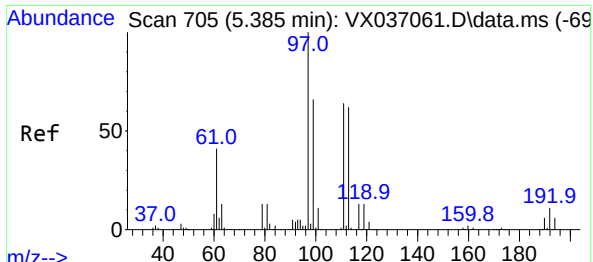
Tgt Ion: 65 Resp: 91434
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

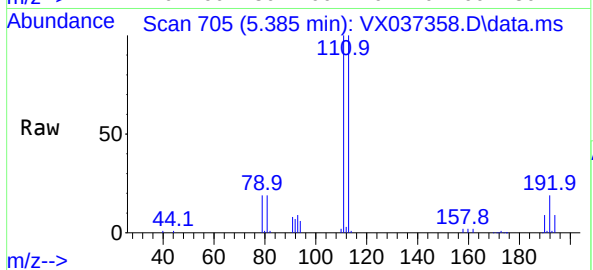
Tgt Ion: 114 Resp: 248897
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.5 0.0 36.6





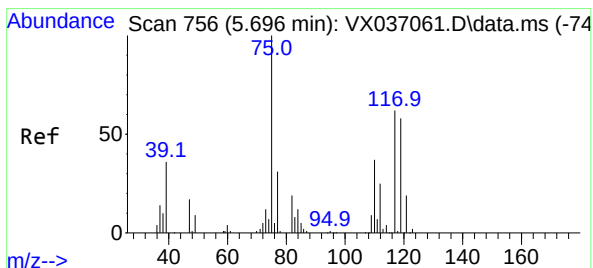
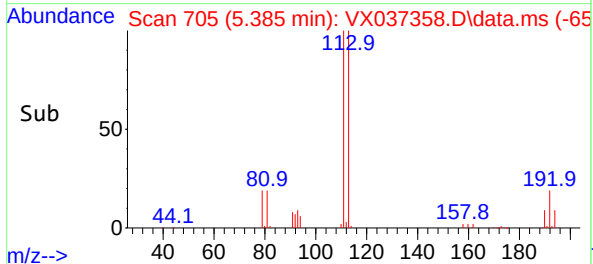
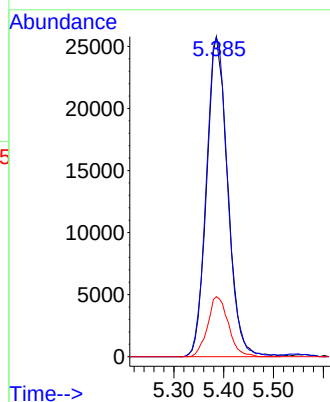
#35
Dibromofluoromethane
Concen: 45.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02



Tgt Ion: 113 Resp: 75446

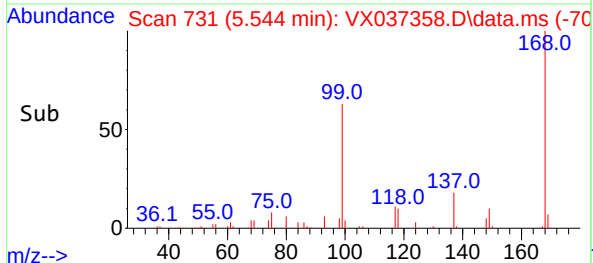
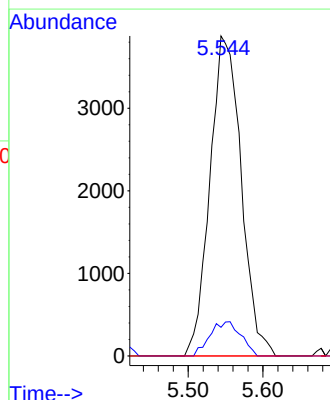
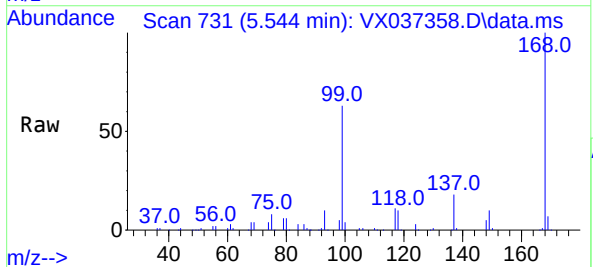
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	18.5	13.3	19.9

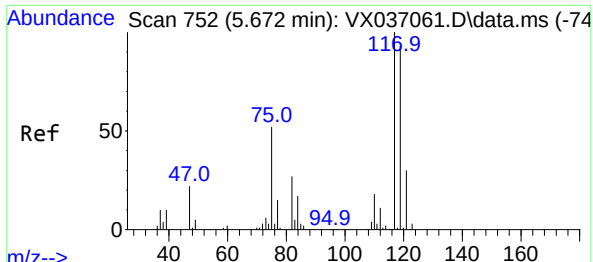


#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 75 Resp: 11254

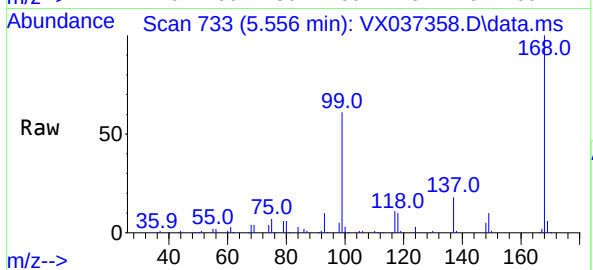
Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.0	50.9#
77	0.0	24.7	37.1#



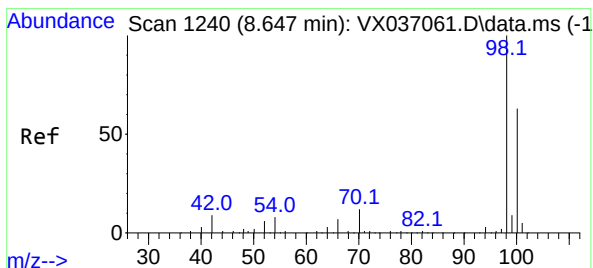
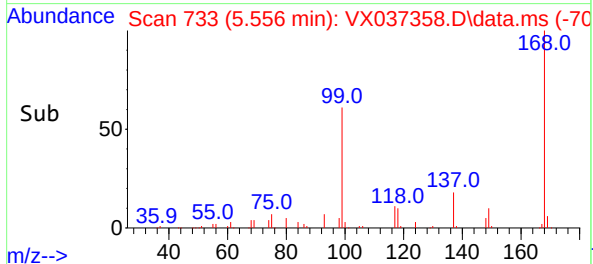
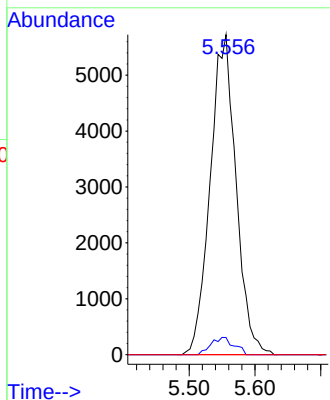


#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

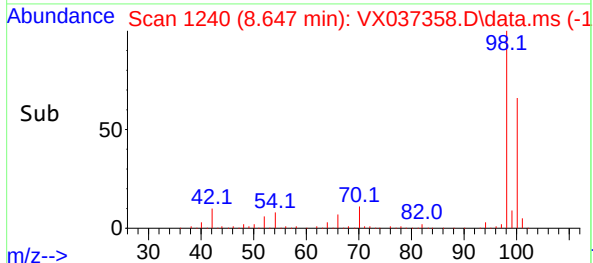
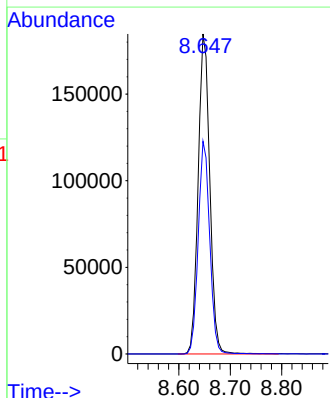
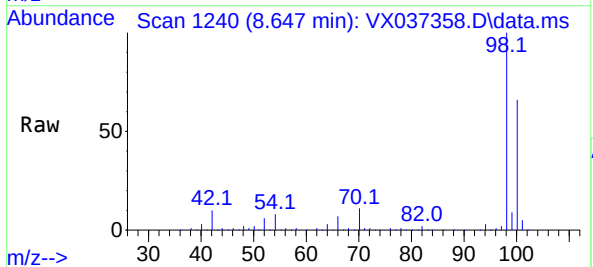


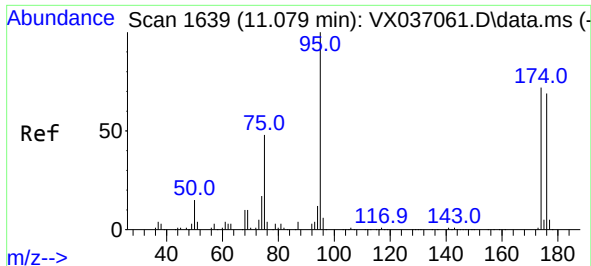
Tgt Ion:117 Resp: 15636
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.413 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 98 Resp: 289479
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

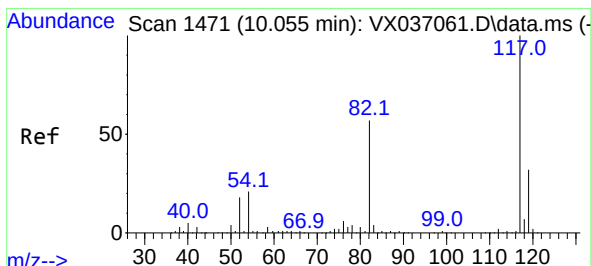
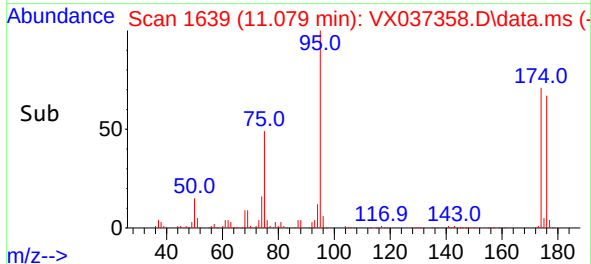
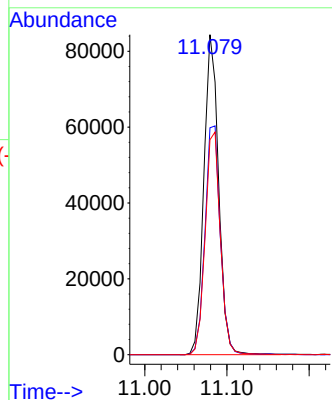
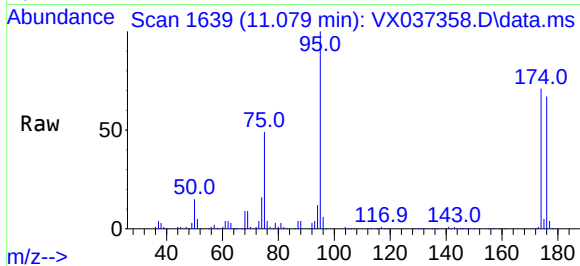




#62
4-Bromofluorobenzene
Concen: 44.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

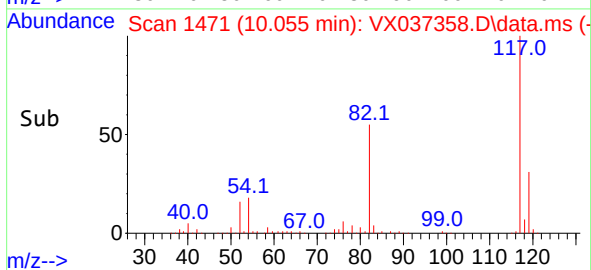
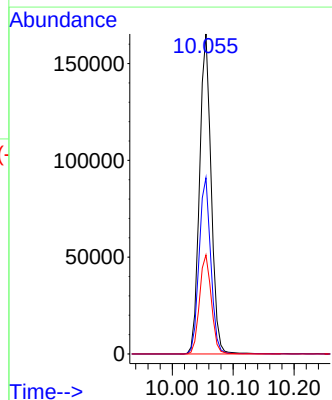
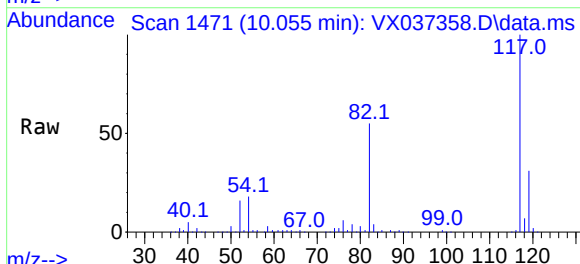
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

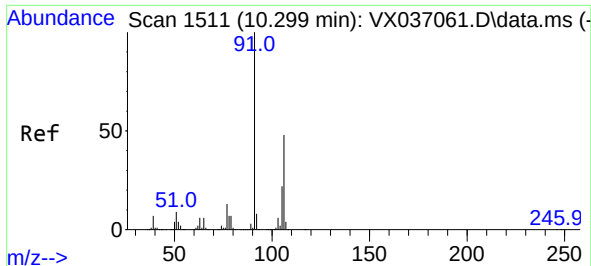
Tgt Ion: 95 Resp: 105040
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 117 Resp: 218886
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.0 25.5 38.3

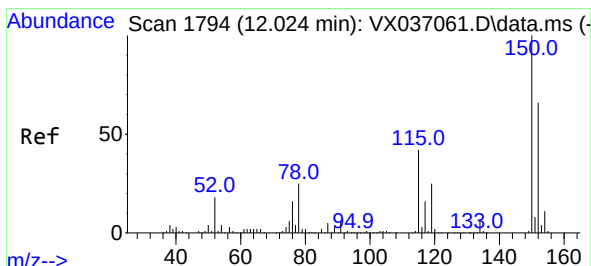
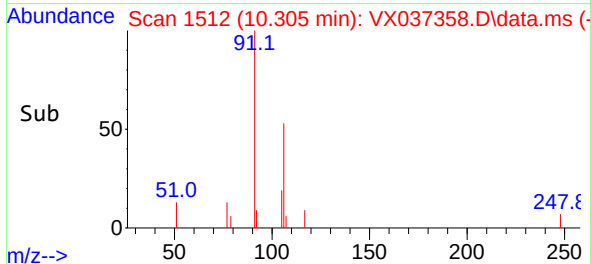
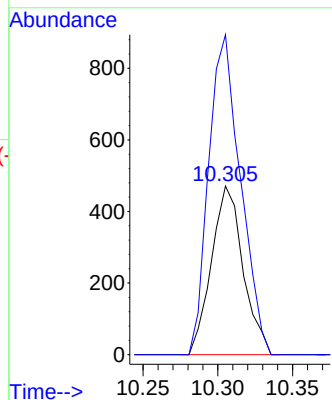
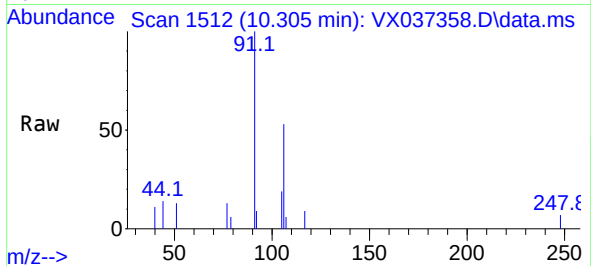




#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

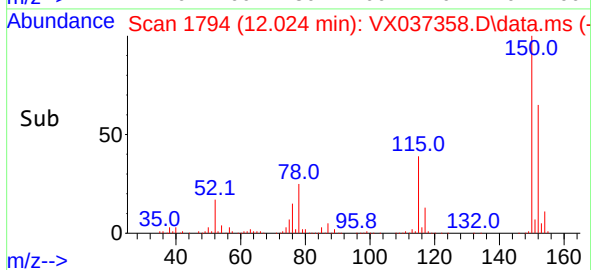
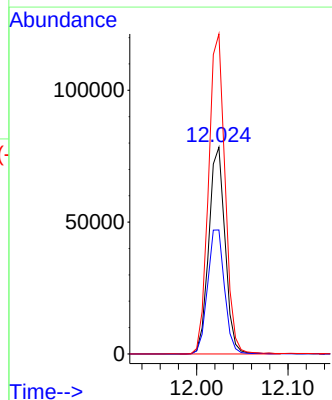
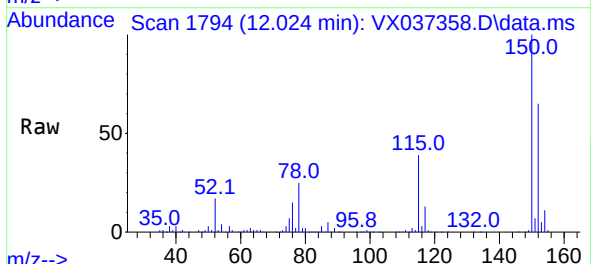
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

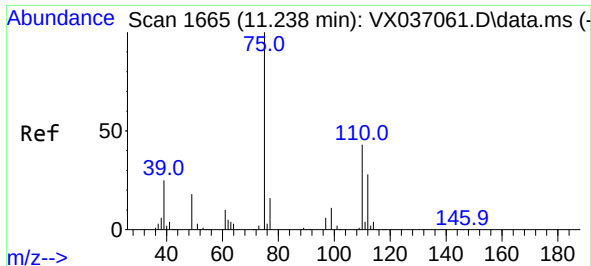
Tgt Ion:106 Resp: 691
Ion Ratio Lower Upper
106 100
91 191.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion:152 Resp: 97074
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.2 0.0 345.0

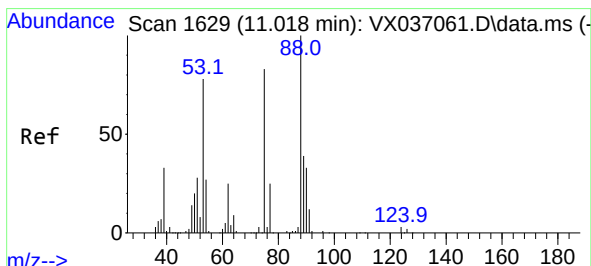
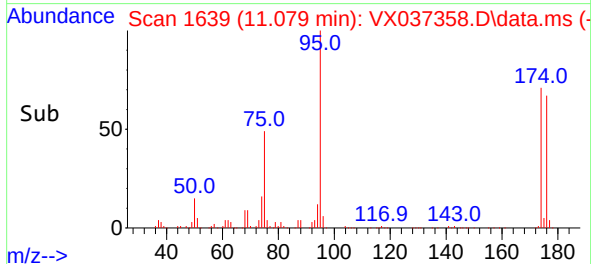
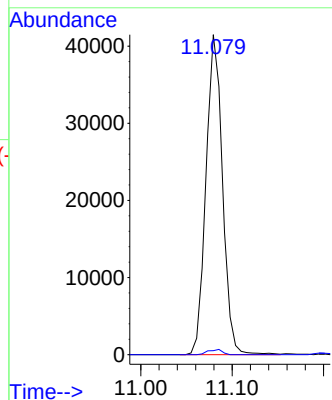
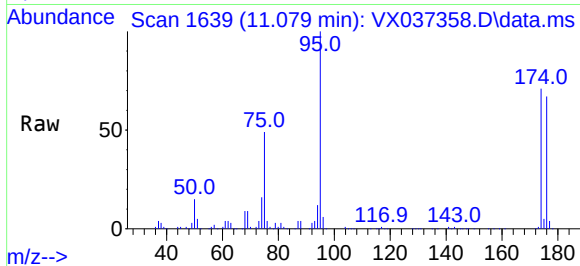




#76
1,2,3-Trichloropropane
Concen: 25.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

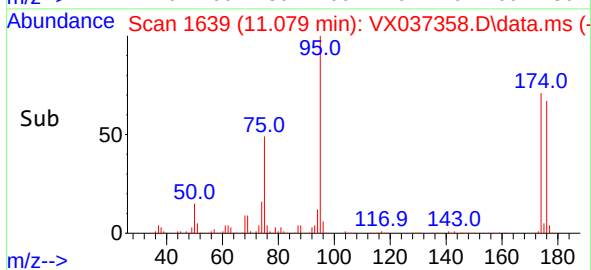
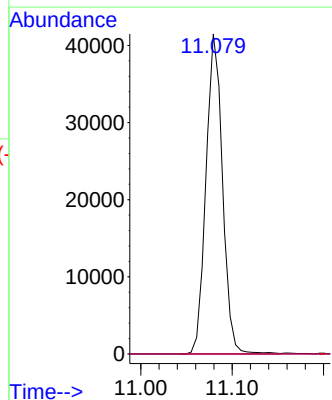
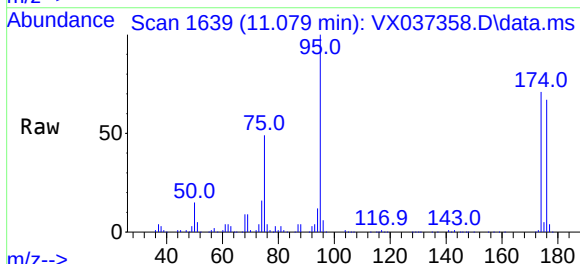
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

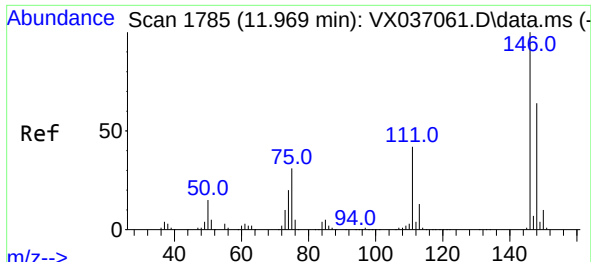
Tgt Ion: 75 Resp: 51953
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

Tgt Ion: 75 Resp: 51953
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.224 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037358.D

Acq: 30 Aug 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBL02

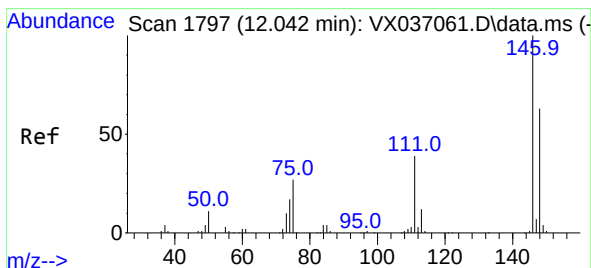
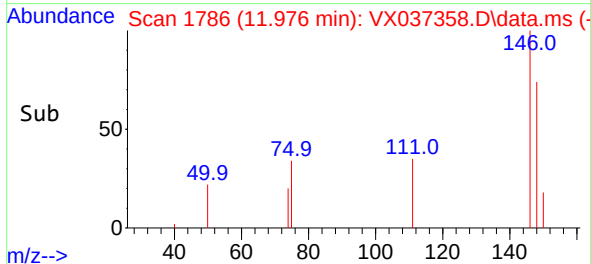
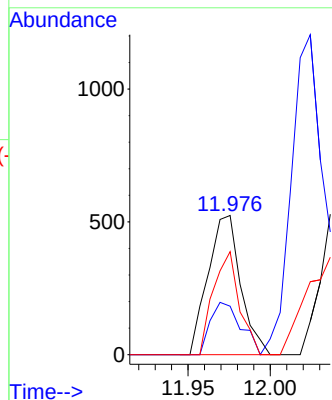
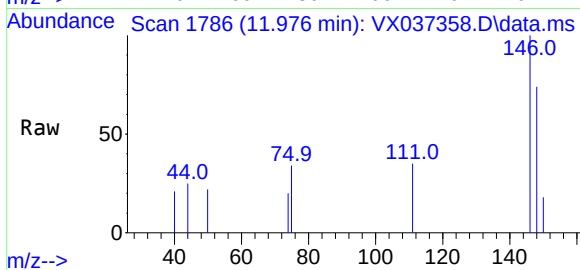
Tgt Ion:146 Resp: 723

Ion Ratio Lower Upper

146 100

111 35.1 22.1 66.1

148 59.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.217 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037358.D

Acq: 30 Aug 2023 00:13

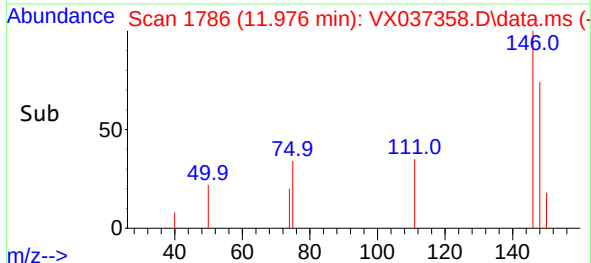
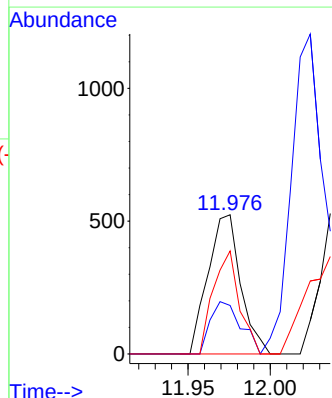
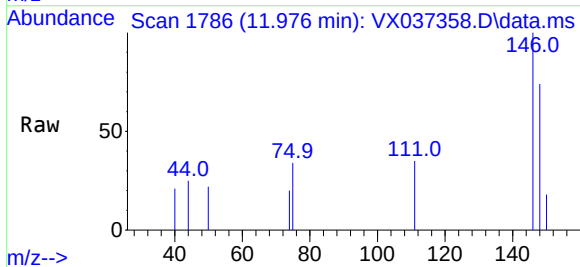
Tgt Ion:146 Resp: 723

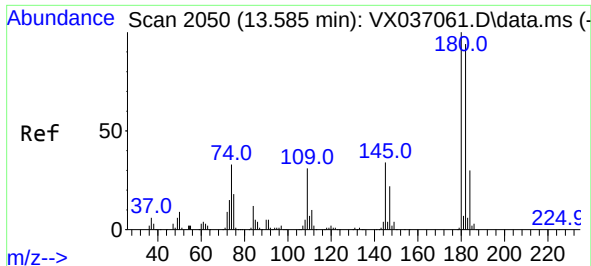
Ion Ratio Lower Upper

146 100

111 35.1 21.3 63.7

148 59.2 31.8 95.4

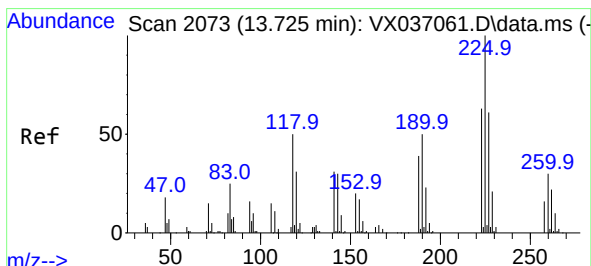
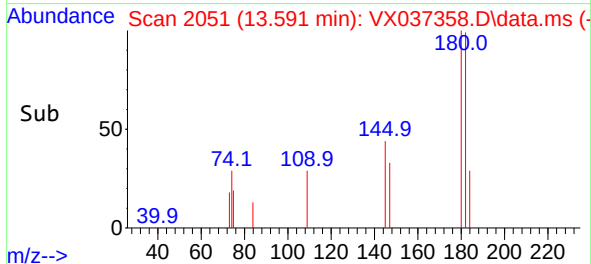
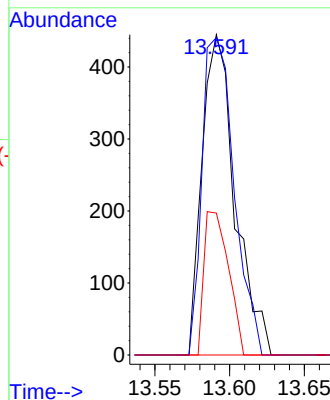
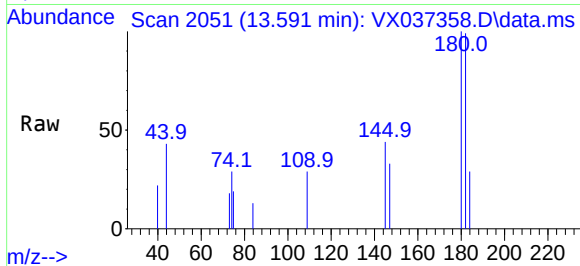




#93
1,2,4-Trichlorobenzene
Concen: 0.368 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

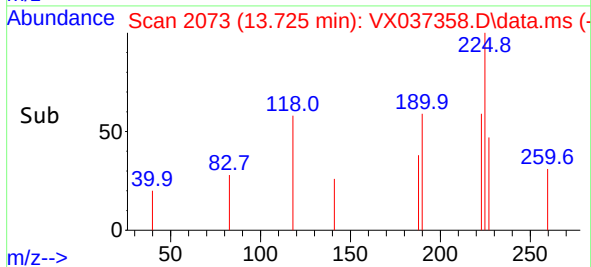
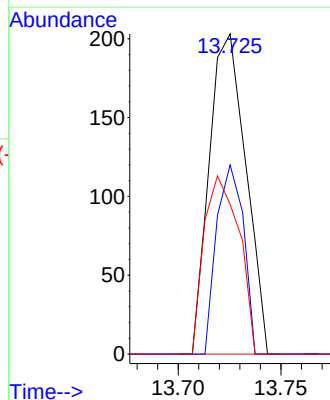
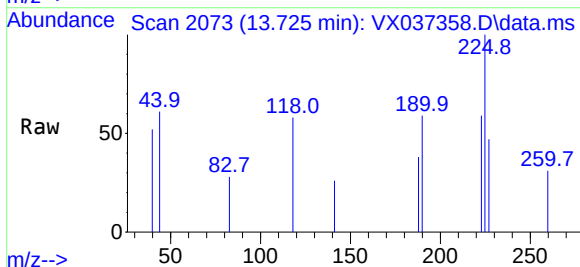
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL02

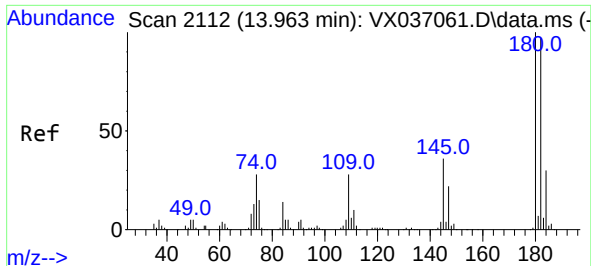
Tgt Ion:	180	Resp:	681
Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.8
145	33.2	18.0	54.0



#94
Hexachlorobutadiene
Concen: 0.353 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037358.D
Acq: 30 Aug 2023 00:13

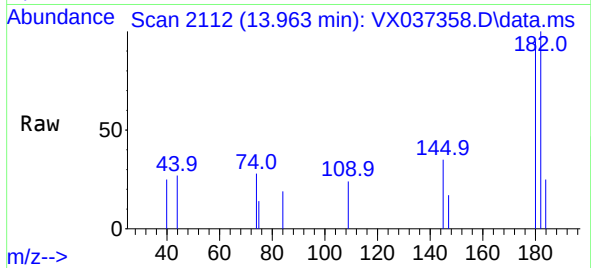
Tgt Ion:	225	Resp:	252
Ion	Ratio	Lower	Upper
225	100		
223	43.3	31.1	93.2
227	52.8	32.5	97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.333 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX037358.D
 Acq: 30 Aug 2023 00:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBL02



Tgt Ion:	180	Resp:	611
Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.9	140.6
145	21.6	17.8	53.5

