

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030262.D
 Acq On : 20 Mar 2023 17:07
 Operator : SY/MD
 Sample : 01947-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB937

Quant Time: Mar 21 02:57:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

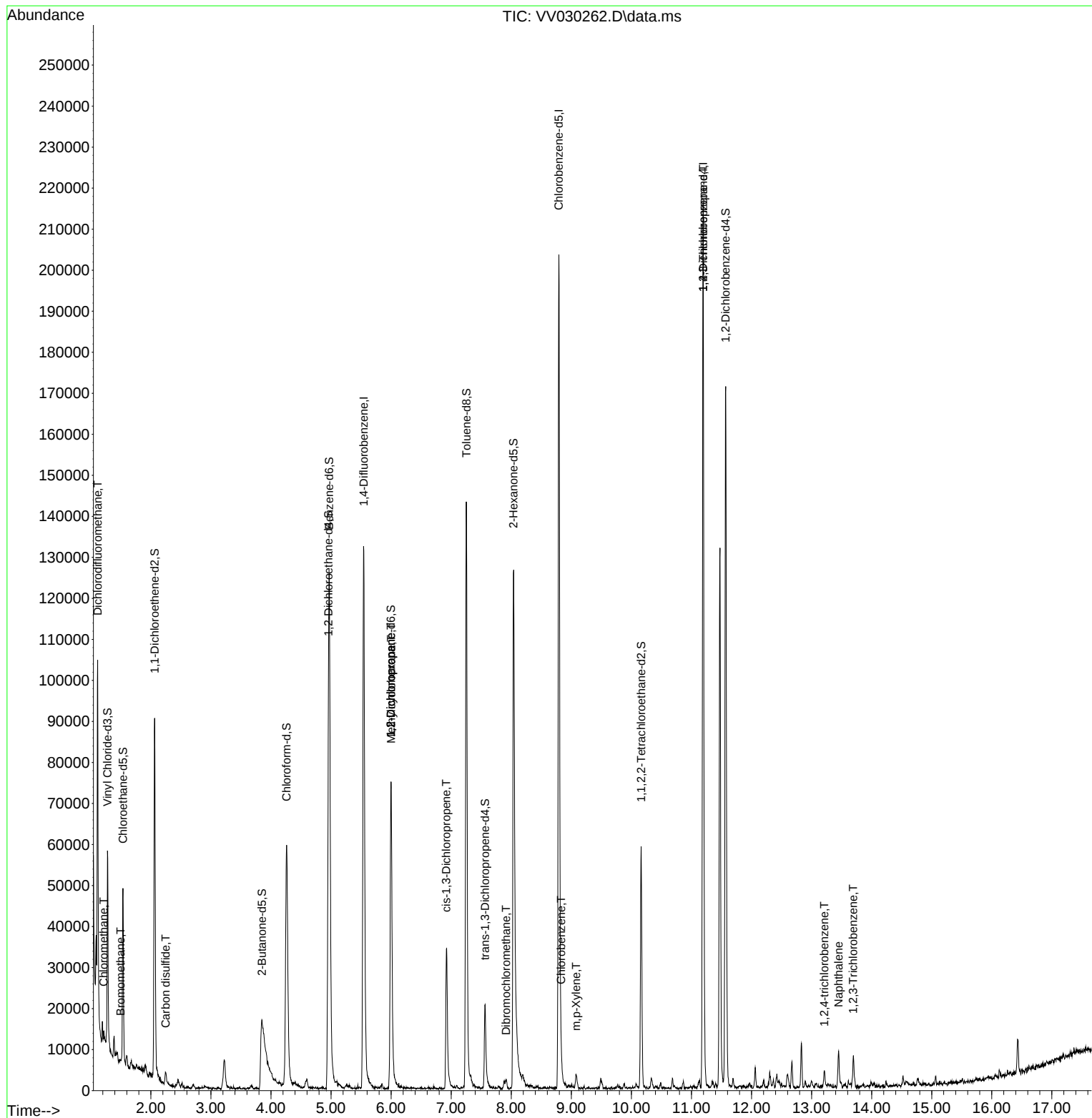
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	113841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	111311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27314	3.708	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.536	69	26306	3.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.063	63	46565	3.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.851	46	18199	13.400	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.800%#
24) Chloroform-d	4.259	84	63483	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.957	65	32752	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	4.970	84	108711	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	5.998	67	33821	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.252	98	99246	3.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.564	79	13433	4.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.037	63	53895	42.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.520%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26470	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	43467	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	1464	0.158	ug/L	93
3) Chloromethane	1.217	50	2285	0.157	ug/L	99
6) Bromomethane	1.497	94	326	0.187	ug/L	88
14) Carbon disulfide	2.246	76	4387	0.215	ug/L #	93
35) Methylcyclohexane	6.002	83	9732	0.755	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	4585	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1101	0.097	ug/L #	66
49) Dibromochloromethane	7.912	129	437	0.067	ug/L #	10
51) Chlorobenzene	8.828	112	2822	0.127	ug/L	95
53) m,p-Xylene	9.082	106	922	0.067	ug/L	81
61) 1,2,3-Trichloropropane	11.194	75	6143	1.646	ug/L #	65
70) 1,2,4-trichlorobenzene	13.214	180	1318	0.118	ug/L	99
71) Naphthalene	13.452	128	6544	0.450	ug/L	97
72) 1,2,3-Trichlorobenzene	13.693	180	1313	0.143	ug/L #	81

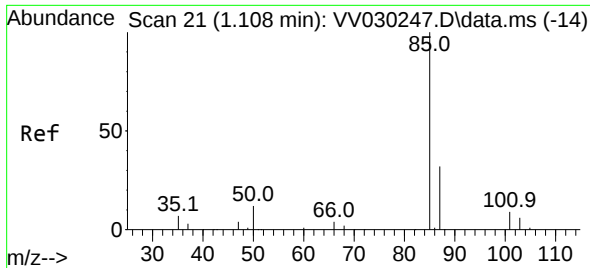
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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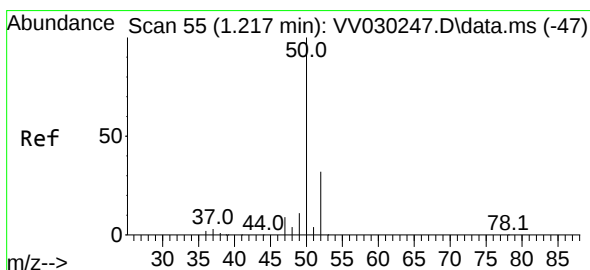
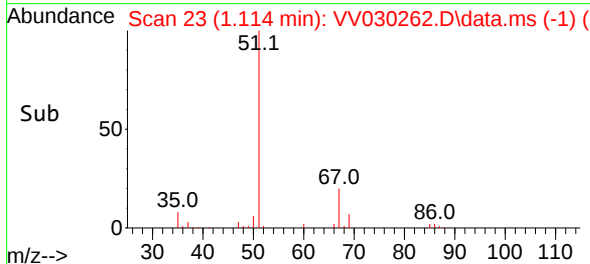
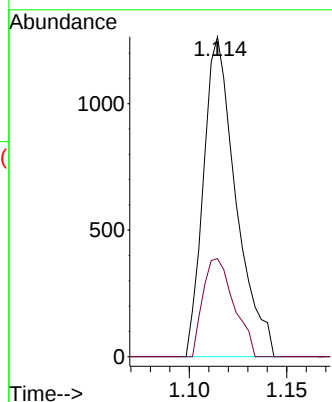
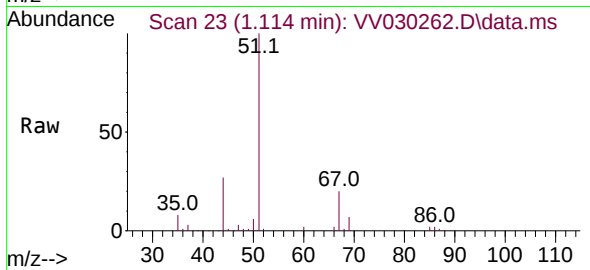




#2
 Dichlorodifluoromethane
 Concen: 0.158 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV030262.D
 Acq: 20 Mar 2023 17:07

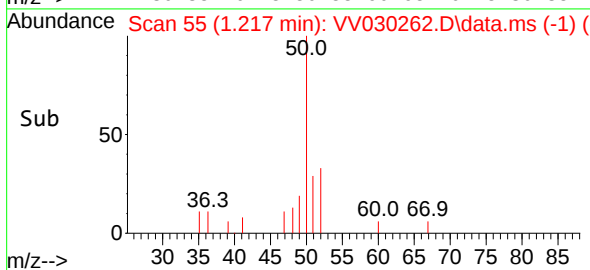
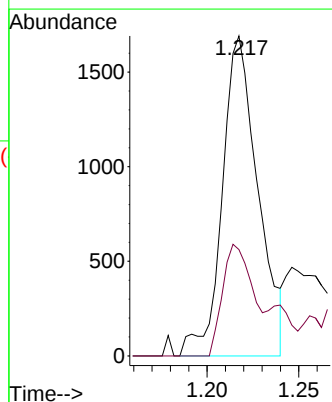
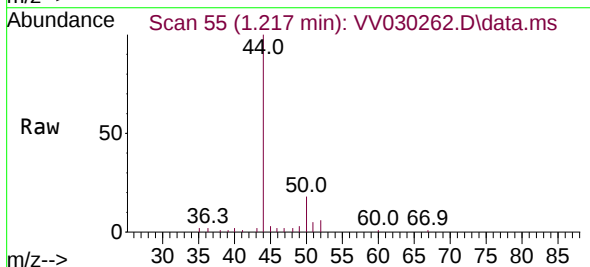
Instrument :
 MSVOA_V
 ClientSampleId :
 CB937

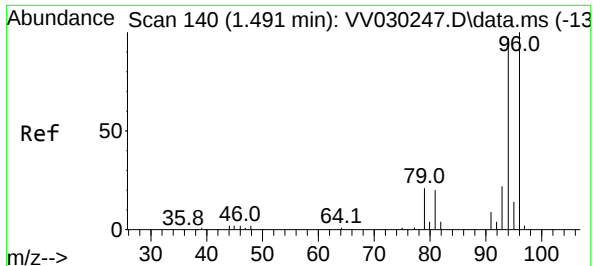
Tgt Ion: 85 Resp: 1464
 Ion Ratio Lower Upper
 85 100
 87 29.2 26.6 39.8



#3
 Chloromethane
 Concen: 0.157 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030262.D
 Acq: 20 Mar 2023 17:07

Tgt Ion: 50 Resp: 2285
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.6 43.8

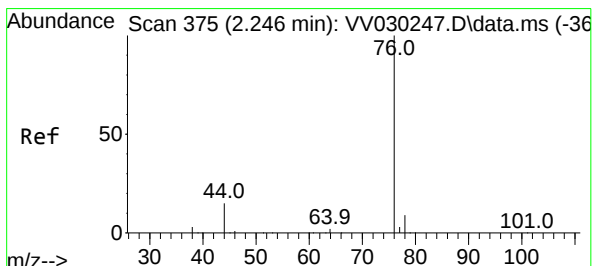
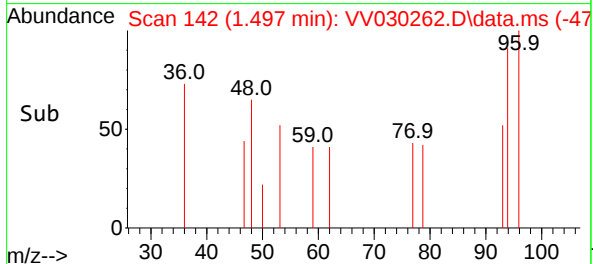
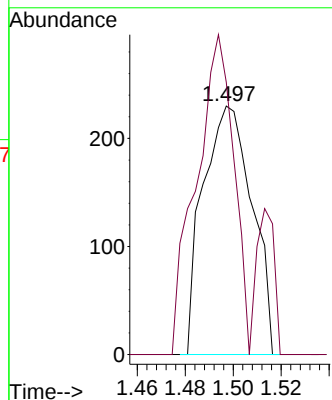
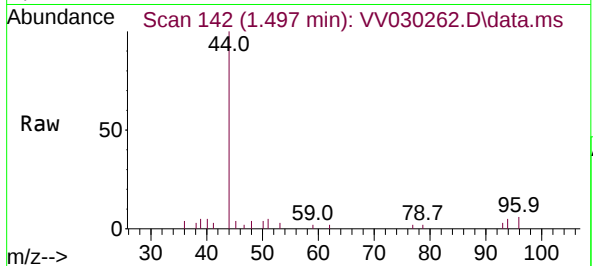




#6
Bromomethane
Concen: 0.187 ug/L
RT: 1.497 min Scan# 14
Delta R.T. 0.007 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

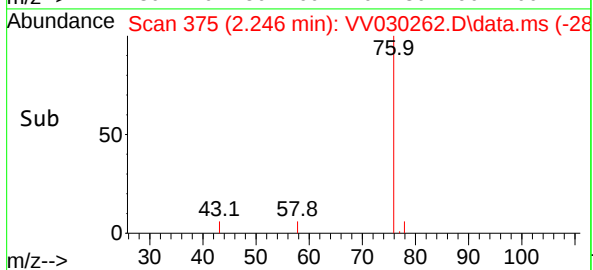
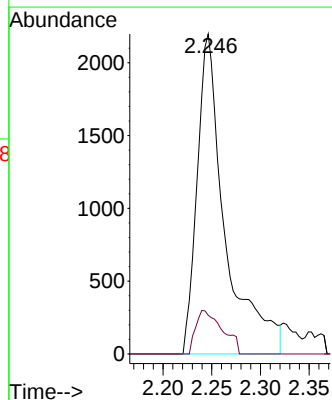
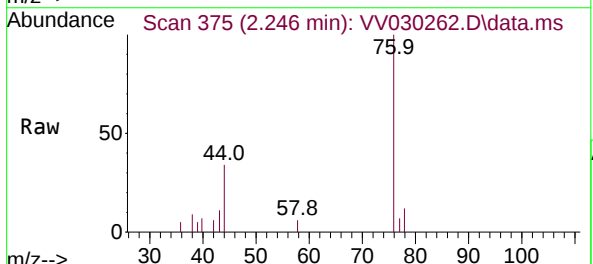
Instrument :
MSVOA_V
ClientSampleId :
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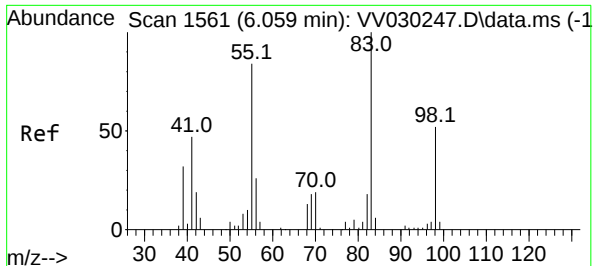
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 109.6 68.4 127.0



#14
Carbon disulfide
Concen: 0.215 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.000 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

Tgt Ion: 76 Resp: 4387
Ion Ratio Lower Upper
76 100
78 12.1 7.7 11.5#

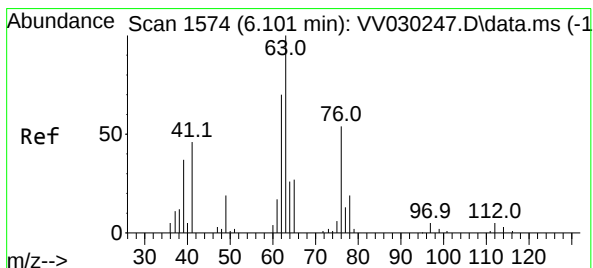
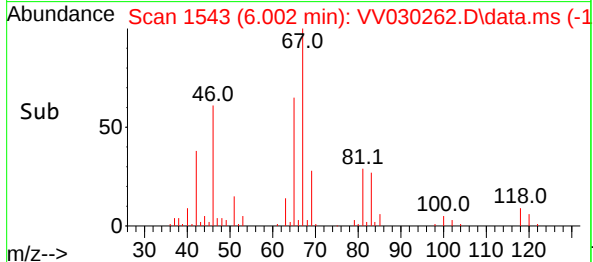
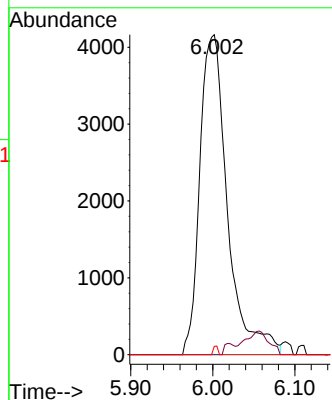
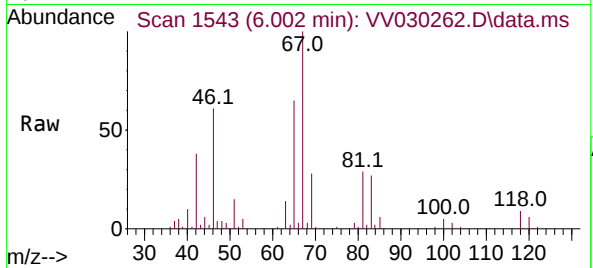




#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.055 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

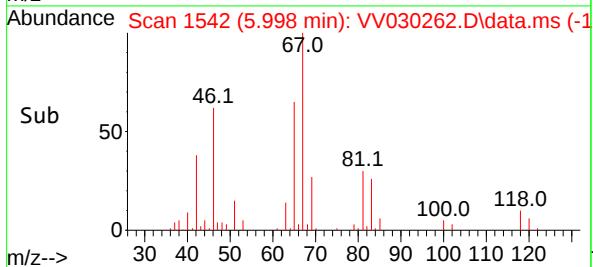
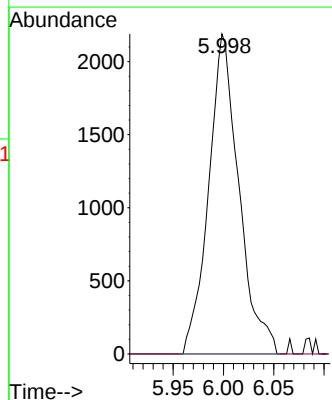
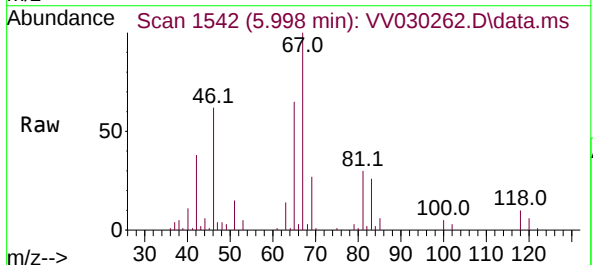
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MSVOA_V
ClientSampleId :
CB937

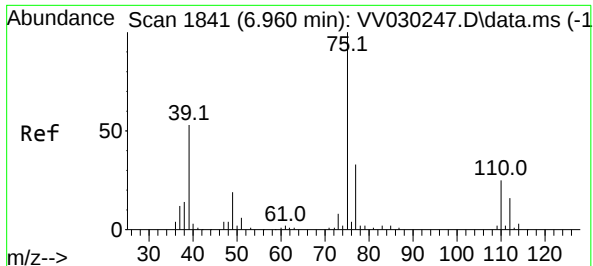
Tgt Ion: 83 Resp: 9732
Ion Ratio Lower Upper
83 100
55 1.3 57.6 86.4#
98 0.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

Tgt Ion: 63 Resp: 4585
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.918 min Scan# 1101

Delta R.T. -0.042 min

Lab File: VV030262.D

Acq: 20 Mar 2023 17:07

Instrument :

MSVOA_V

ClientSampleId :

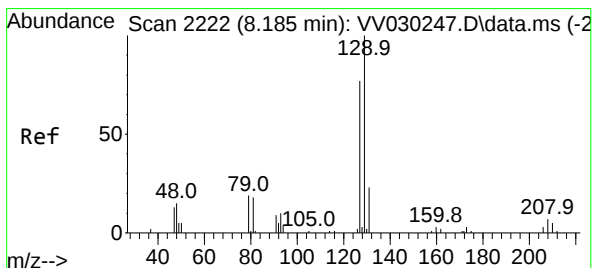
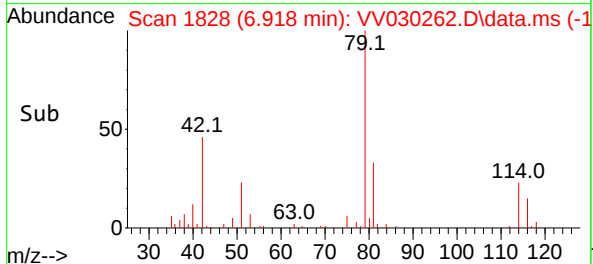
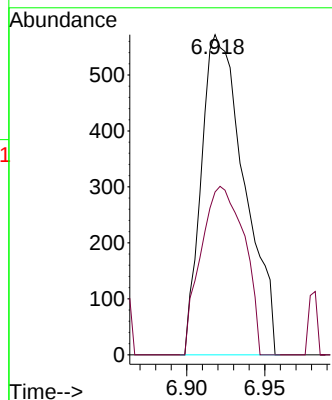
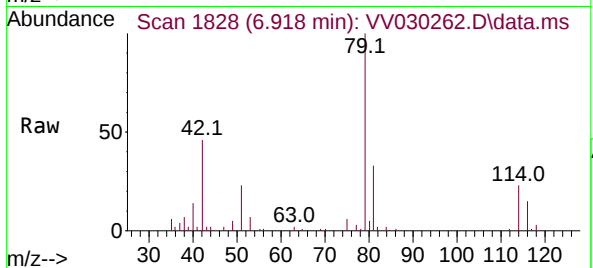
CB937

Tgt Ion: 75 Resp: 1101

Ion Ratio Lower Upper

75 100

77 50.9 22.3 41.3#



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030262.D

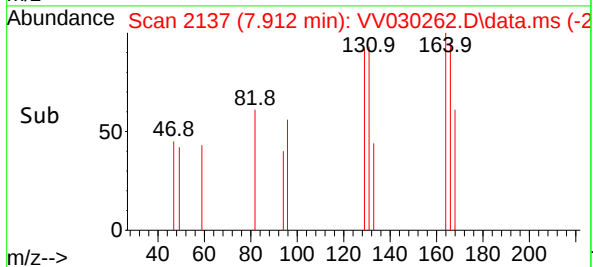
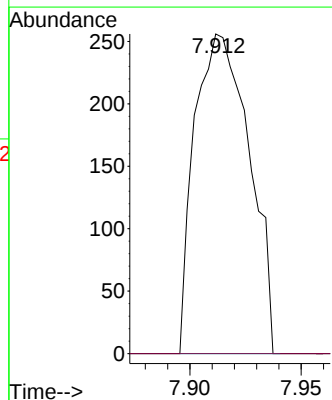
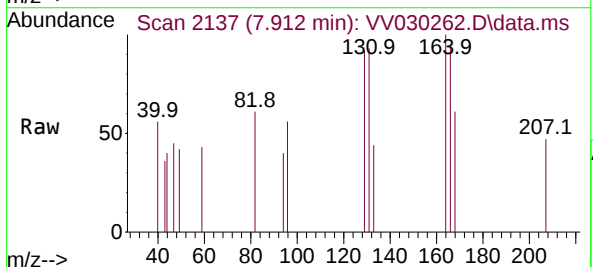
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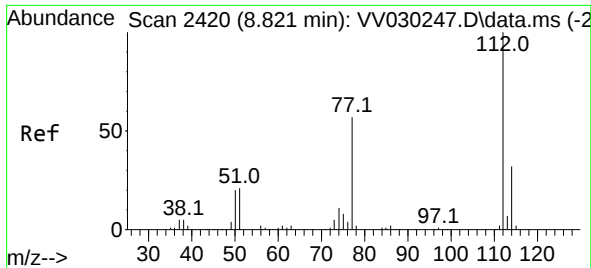
Tgt Ion: 129 Resp: 437

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#

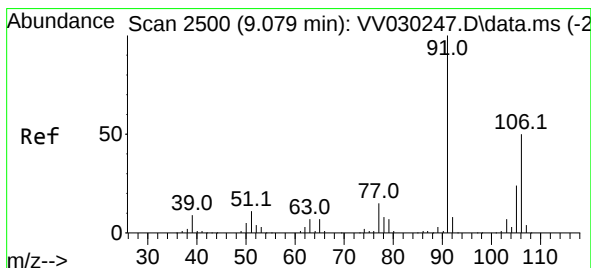
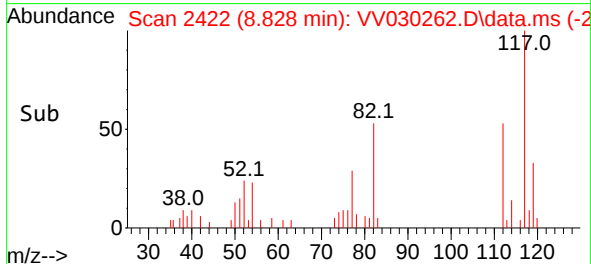
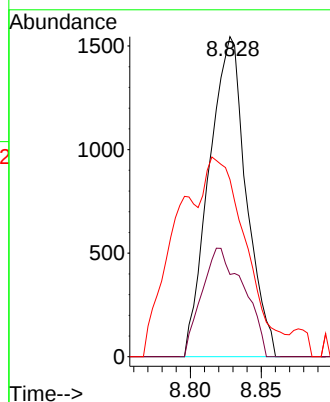
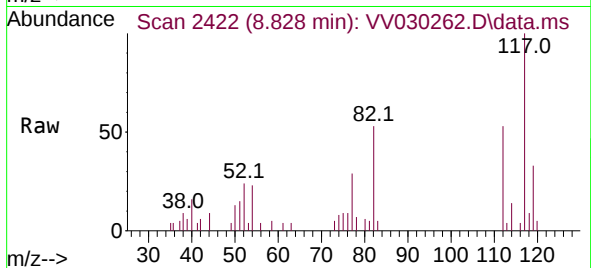




#51
Chlorobenzene
Concen: 0.127 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.007 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

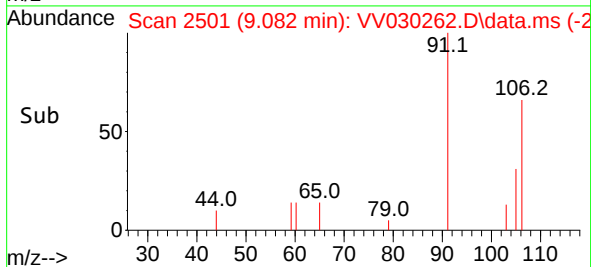
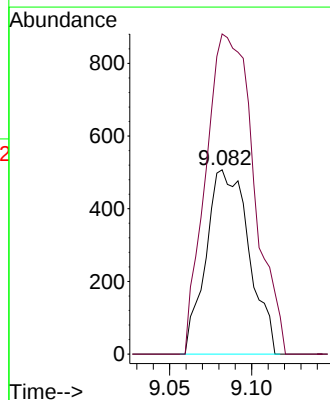
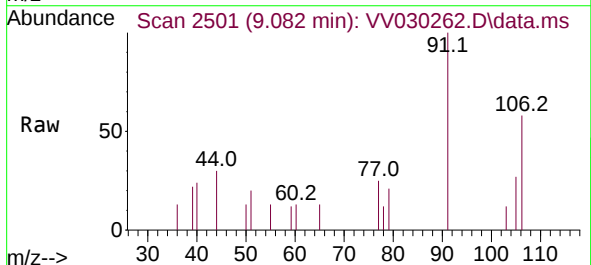
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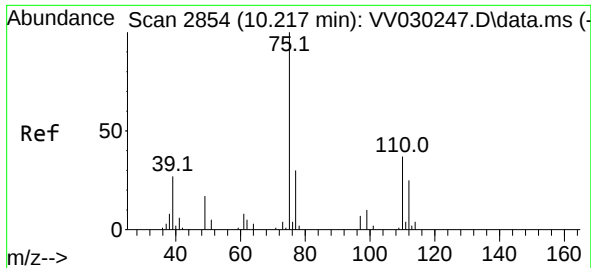
Tgt Ion:112	Resp:	2822
Ion Ratio	Lower	Upper
112	100	
114	25.7	22.5 41.7
77	55.3	45.3 67.9



#53
m,p-Xylene
Concen: 0.067 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030262.D
Acq: 20 Mar 2023 17:07

Tgt Ion:106	Resp:	922
Ion Ratio	Lower	Upper
106	100	
91	173.8	142.5 264.7

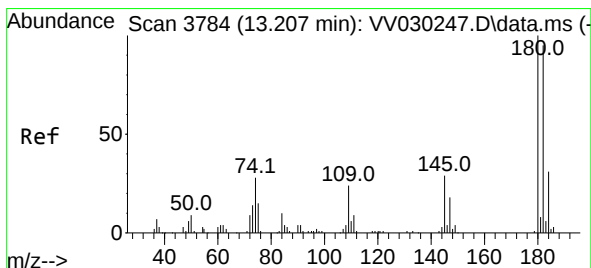
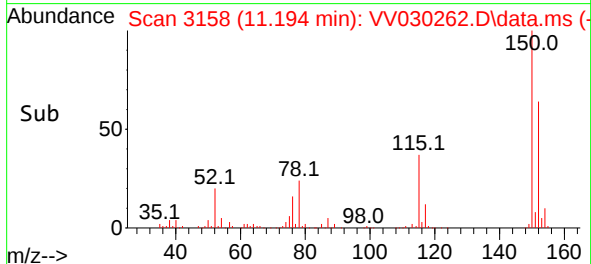
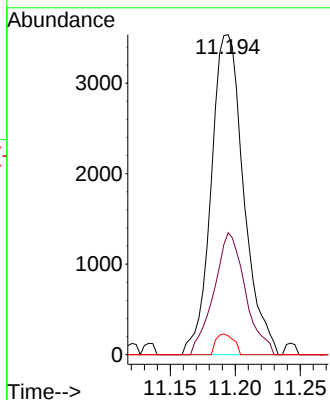
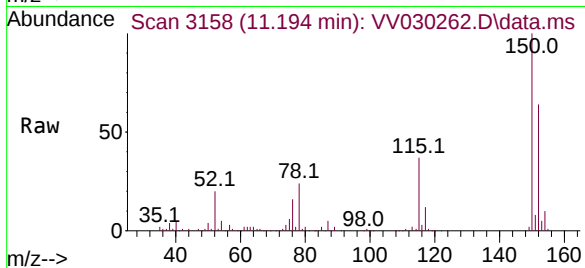




#61
 1,2,3-Trichloropropane
 Concen: 1.646 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.978 min
 Lab File: VV030262.D
 Acq: 20 Mar 2023 17:07

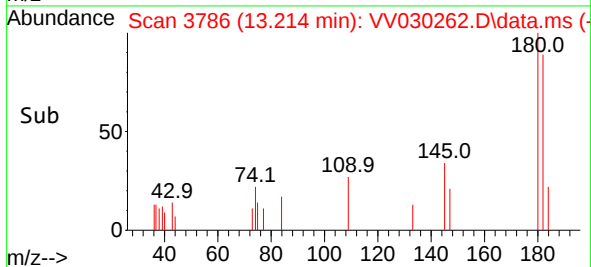
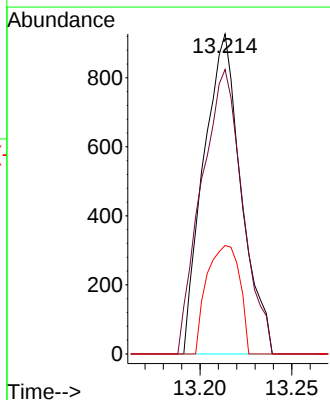
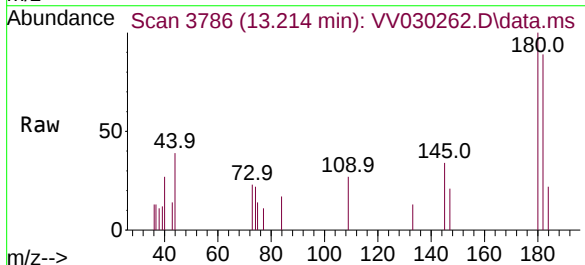
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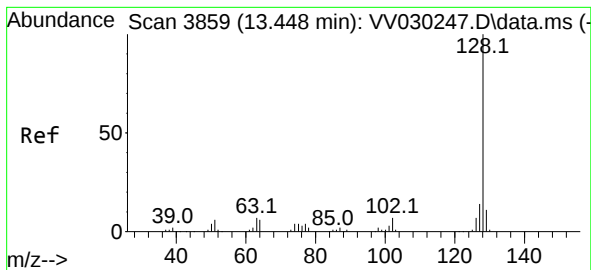
Tgt Ion: 75 Resp: 6143
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.5 39.7
 110 3.5 31.8 47.6#



#70
 1,2,4-trichlorobenzene
 Concen: 0.118 ug/L
 RT: 13.214 min Scan# 3786
 Delta R.T. 0.007 min
 Lab File: VV030262.D
 Acq: 20 Mar 2023 17:07

Tgt Ion: 180 Resp: 1318
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.3 115.9
 145 29.5 23.1 34.7





#71

Naphthalene

Concen: 0.450 ug/L

RT: 13.452 min Scan# 3860

Delta R.T. 0.003 min

Lab File: VV030262.D

Acq: 20 Mar 2023 17:07

Instrument :

MSVOA_V

ClientSampleId :

CB937

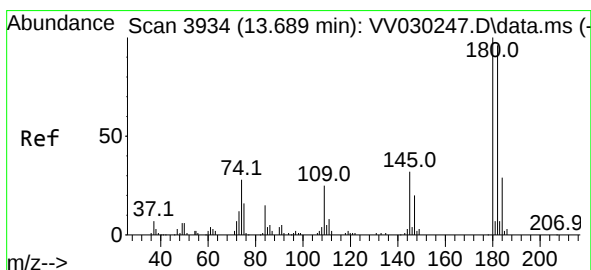
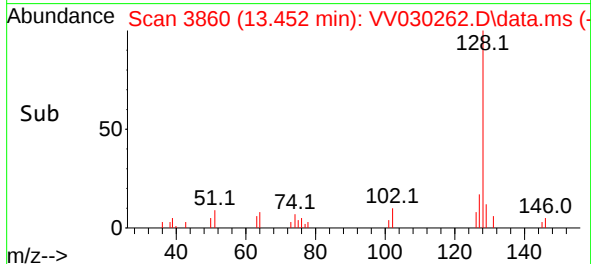
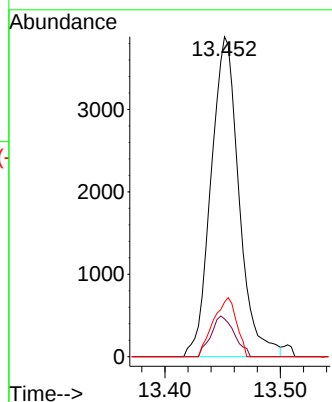
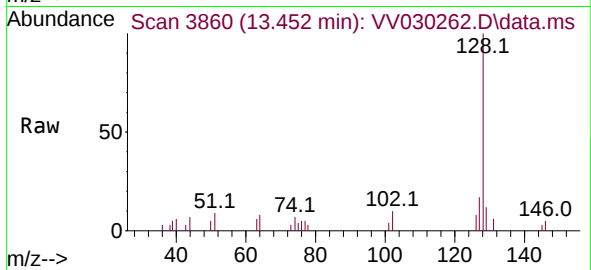
Tgt Ion:128 Resp: 6544

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 15.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.143 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030262.D

Acq: 20 Mar 2023 17:07

Tgt Ion:180 Resp: 1313

Ion Ratio Lower Upper

180 100

182 101.8 76.2 114.2

145 62.4 25.1 37.7#

