

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030921.D
 Acq On : 28 Apr 2023 15:19
 Operator : SY/MD
 Sample : 02488-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE68

Quant Time: Apr 29 01:08:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

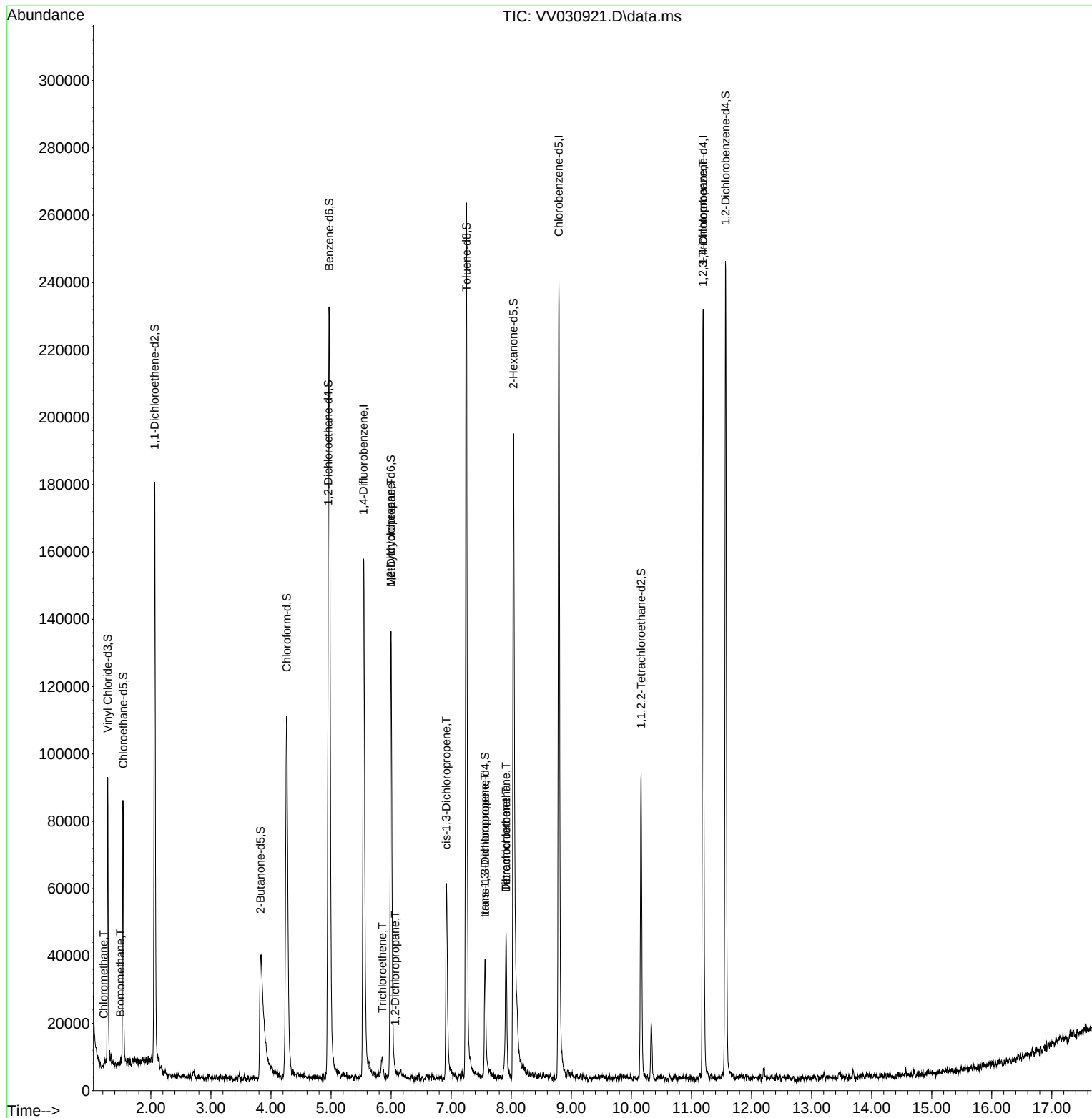
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	132367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55376	5.078	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.539	69	46806	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.066	65	28423	4.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.400%		
20) 2-Butanone-d5	3.828	46	102573	53.039	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 106.080%		
24) Chloroform-d	4.262	84	109970	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.400%		
26) 1,2-Dichloroethane-d4	4.953	65	59302	5.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	4.969	84	201713	5.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	5.998	67	57125	5.140	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.800%		
41) Toluene-d8	7.252	98	175270	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.400%		
43) trans-1,3-Dichloroprop...	7.564	79	21630	5.192	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.800%		
46) 2-Hexanone-d5	8.037	63	69801	47.825	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.640%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38389	4.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.400%		
66) 1,2-Dichlorobenzene-d4	11.570	152	65437	5.548	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.000%		
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	1264	0.103	ug/L	86
6) Bromomethane	1.494	94	667	0.136	ug/L	83
34) Trichloroethene	5.854	95	1687	0.193	ug/L #	74
35) Methylcyclohexane	5.998	83	14276	1.054	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	424	0.055	ug/L #	45
39) cis-1,3-Dichloropropene	6.918	75	2289	0.196	ug/L #	60
44) trans-1,3-Dichloropropene	7.561	75	1151	0.116	ug/L #	64
47) Tetrachloroethene	7.915	164	9773	1.172	ug/L	98
49) Dibromochloromethane	7.911	129	7829	1.078	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6693	1.684	ug/L #	60

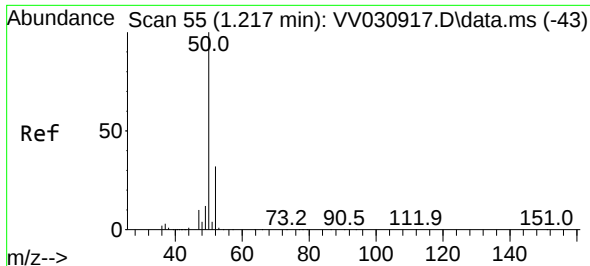
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
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Quant Title : TRACE VOA SFAM1.0
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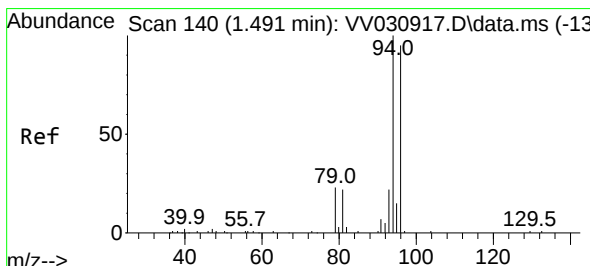
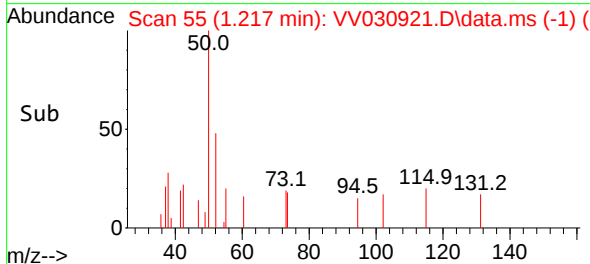
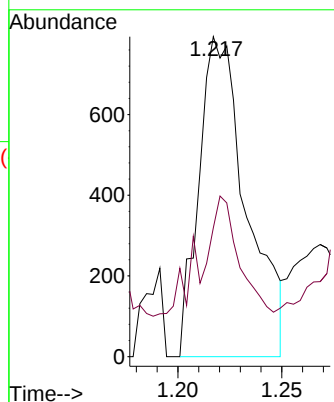
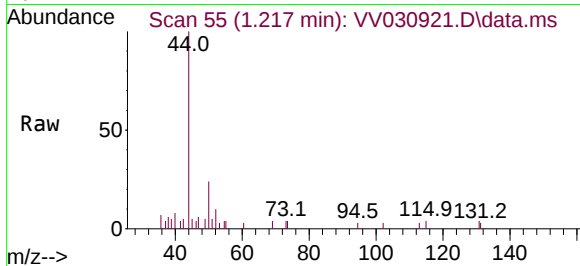




#3
Chloromethane
Concen: 0.103 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030921.D
Acq: 28 Apr 2023 15:19

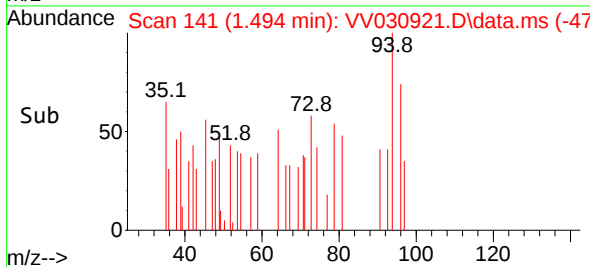
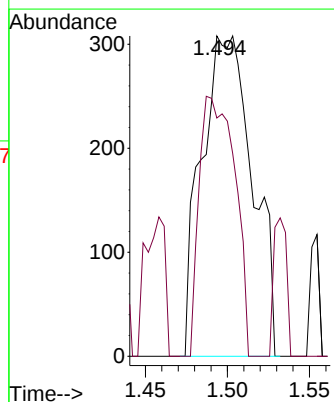
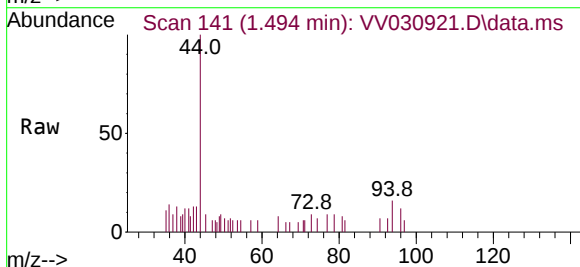
Instrument :
MSVOA_V
ClientSampleId :
BHE68

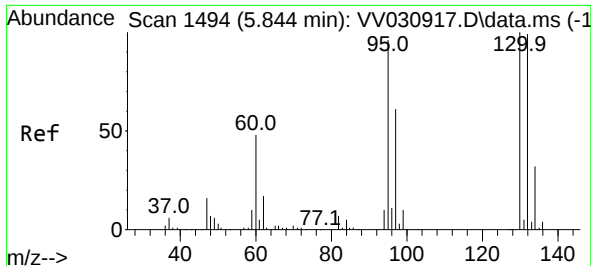
Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 40.2 22.8 42.4



#6
Bromomethane
Concen: 0.136 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030921.D
Acq: 28 Apr 2023 15:19

Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 74.4 63.4 117.8



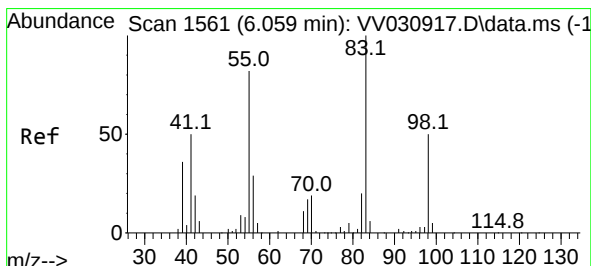
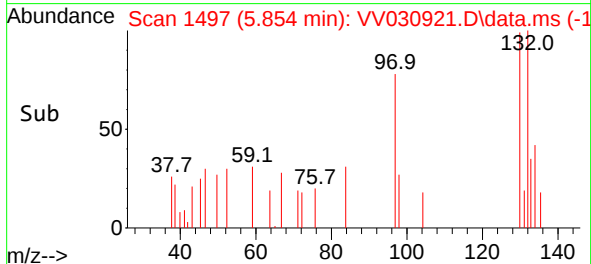
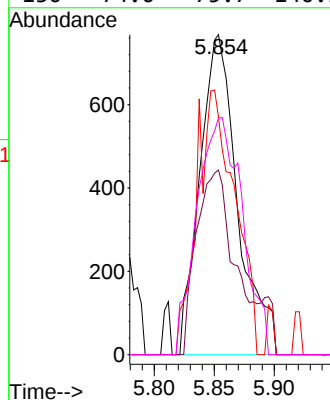
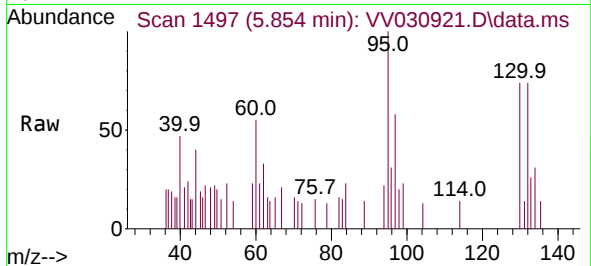


#34
Trichloroethene
Concen: 0.193 ug/L
RT: 5.854 min Scan# 1497
Delta R.T. 0.009 min
Lab File: VV030921.D
Acq: 28 Apr 2023 15:19

Instrument :
MSVOA_V
ClientSampleId :
BHE68

Tgt Ion: 95 Resp: 1687

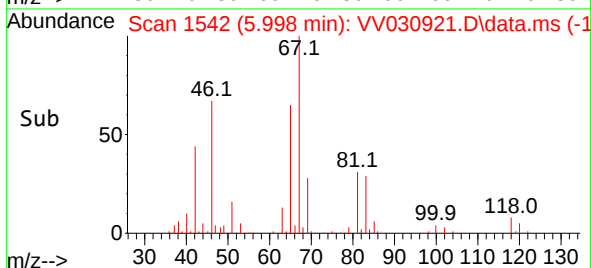
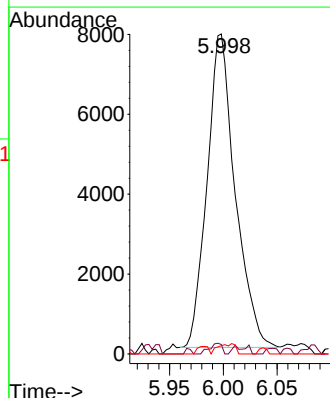
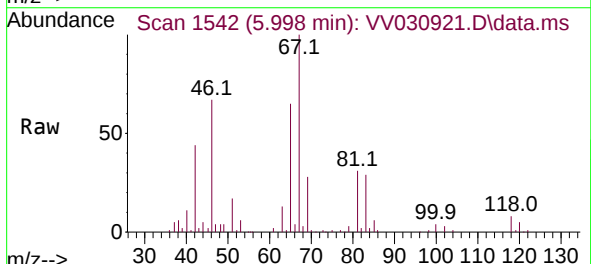
Ion	Ratio	Lower	Upper
95	100		
97	57.7	46.2	85.8
132	74.3	72.7	135.1
130	74.0	75.7	140.5

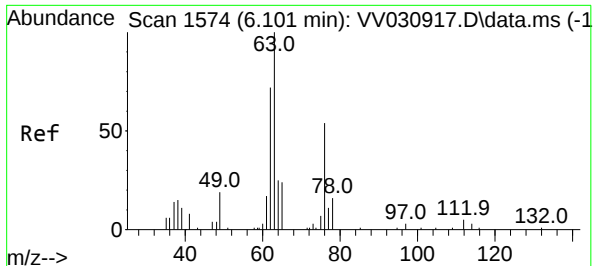


#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030921.D
Acq: 28 Apr 2023 15:19

Tgt Ion: 83 Resp: 14276

Ion	Ratio	Lower	Upper
83	100		
55	1.5	62.9	94.3
98	0.9	40.5	60.7





#37

1,2-Dichloropropane

Concen: 0.055 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV030921.D

Acq: 28 Apr 2023 15:19

Instrument :

MSVOA_V

ClientSampleId :

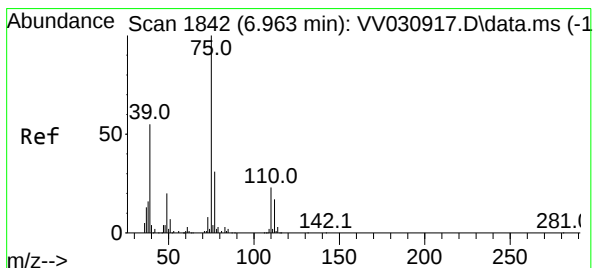
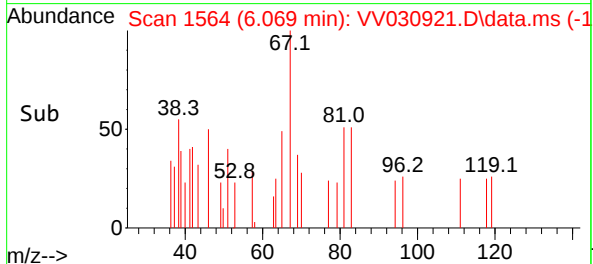
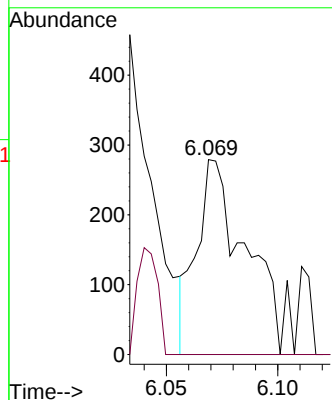
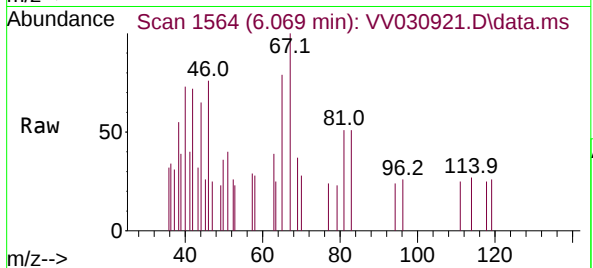
BHE68

Tgt Ion: 63 Resp: 424

Ion Ratio Lower Upper

63 100

112 22.9 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.196 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.045 min

Lab File: VV030921.D

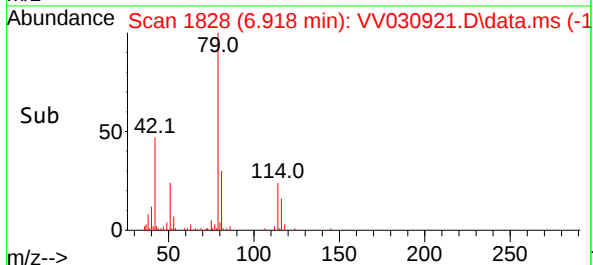
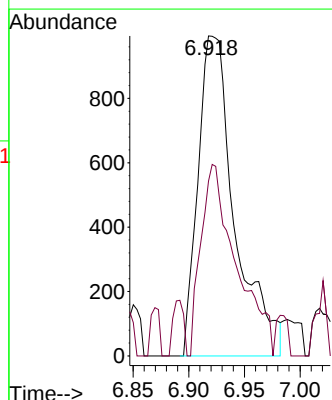
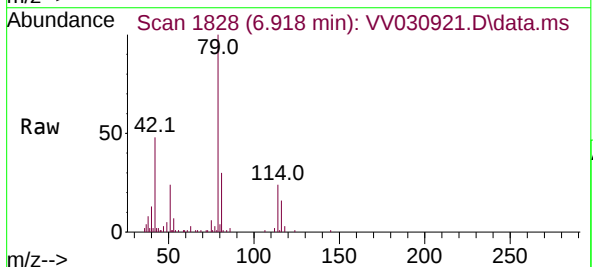
Acq: 28 Apr 2023 15:19

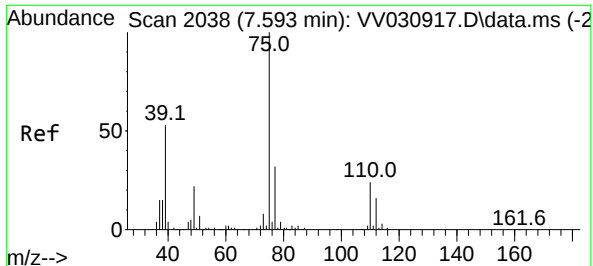
Tgt Ion: 75 Resp: 2289

Ion Ratio Lower Upper

75 100

77 54.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.561 min Scan# 2038

Delta R.T. -0.032 min

Lab File: VV030921.D

Acq: 28 Apr 2023 15:19

Instrument :

MSVOA_V

ClientSampleId :

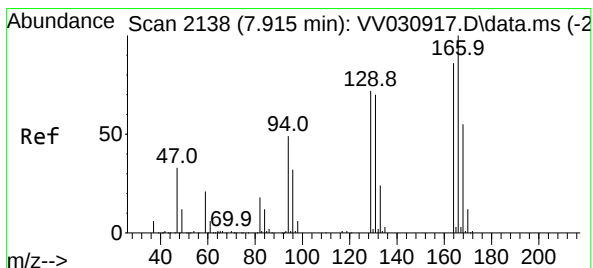
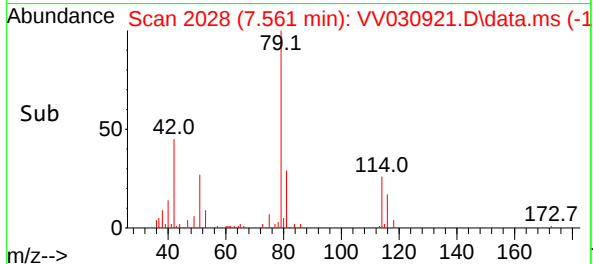
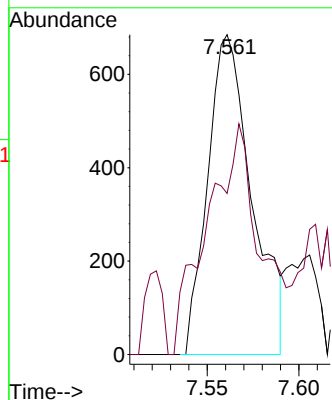
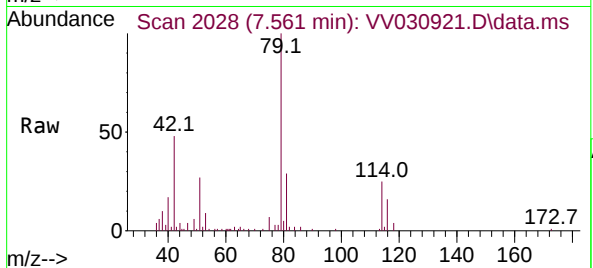
BHE68

Tgt Ion: 75 Resp: 1151

Ion Ratio Lower Upper

75 100

77 50.4 21.6 40.0#



#47

Tetrachloroethene

Concen: 1.172 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VV030921.D

Acq: 28 Apr 2023 15:19

Tgt Ion: 164 Resp: 9773

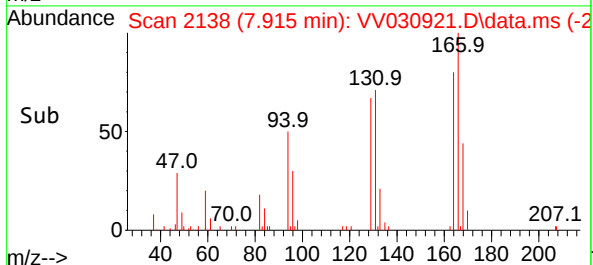
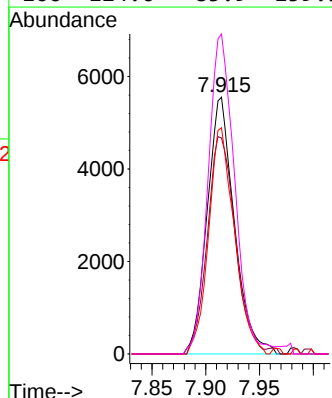
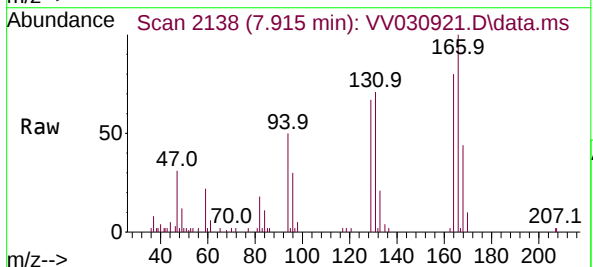
Ion Ratio Lower Upper

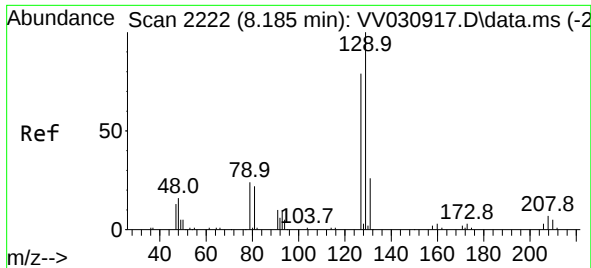
164 100

129 84.1 60.5 112.3

131 88.1 60.8 112.8

166 124.6 85.9 159.5





#49

Dibromochloromethane

Concen: 1.078 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030921.D

Acq: 28 Apr 2023 15:19

Instrument :

MSVOA_V

ClientSampleId :

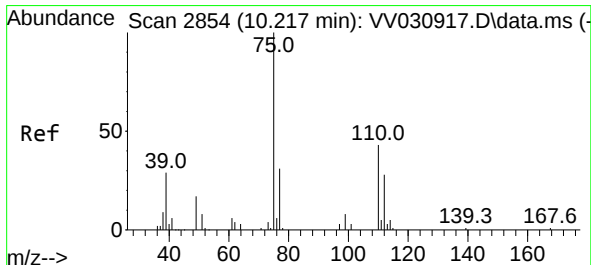
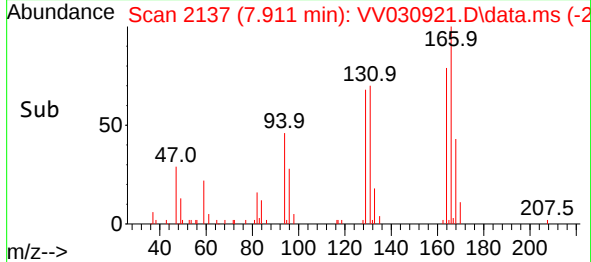
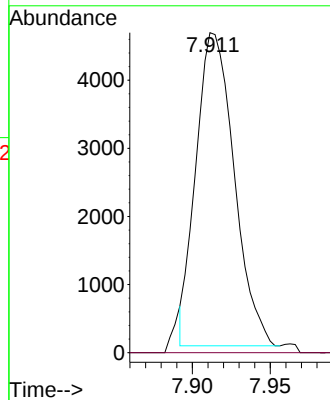
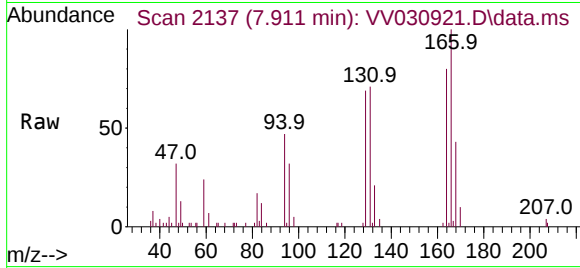
BHE68

Tgt Ion:129 Resp: 7829

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.684 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030921.D

Acq: 28 Apr 2023 15:19

Tgt Ion: 75 Resp: 6693

Ion Ratio Lower Upper

75 100

77 39.4 25.3 37.9#

110 5.3 34.0 51.0#

