

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030928.D
 Acq On : 28 Apr 2023 18:08
 Operator : SY/MD
 Sample : 02488-21 1000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE76

Quant Time: Apr 29 01:11:35 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

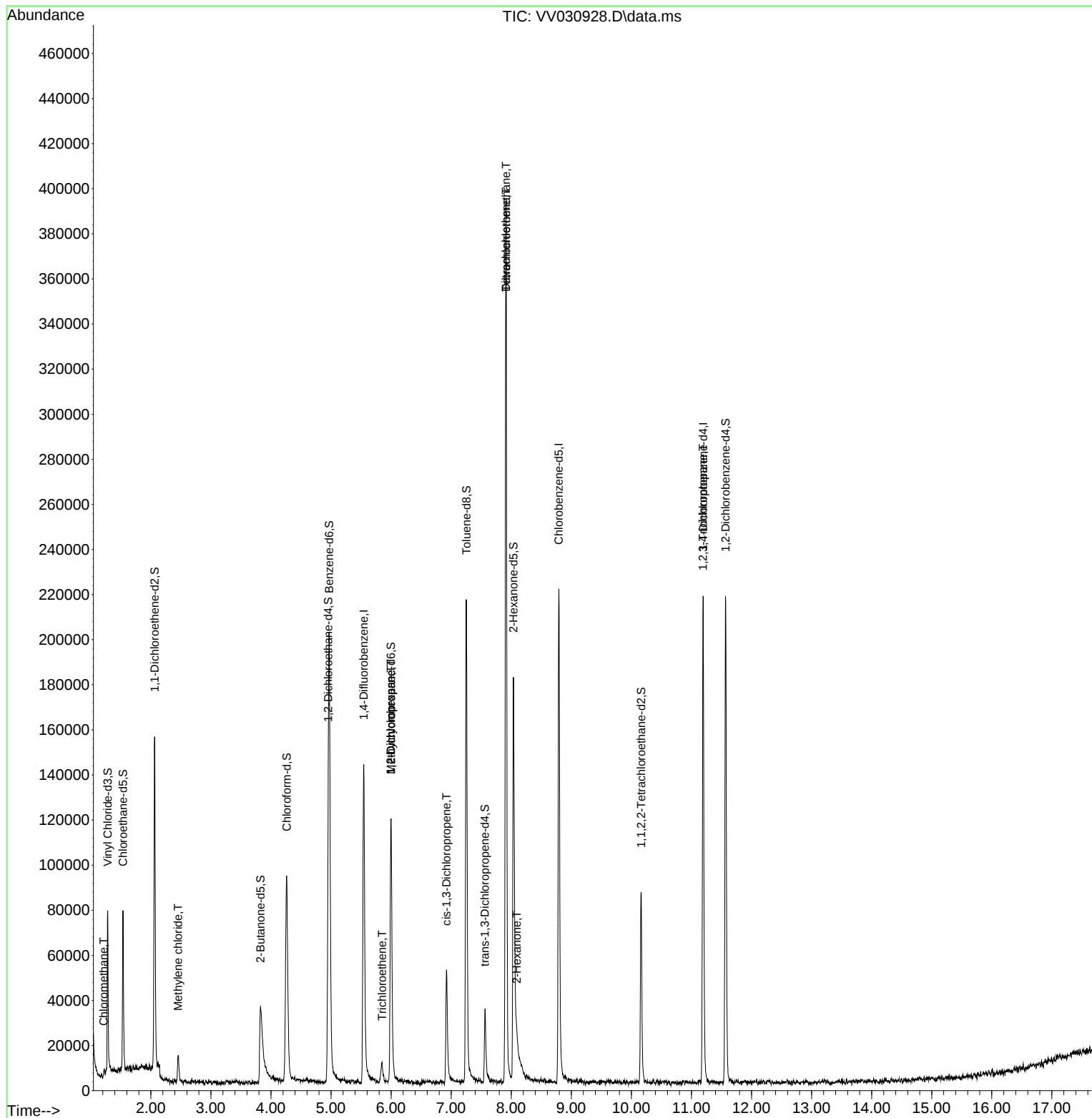
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122194	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45898	4.559	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.535	69	41515	5.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.063	65	25488	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.825	46	77990	43.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.380%
24) Chloroform-d	4.262	84	95470	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.953	65	53874	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.969	84	171096	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.998	67	49728	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.252	98	144535	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.561	79	18334	4.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.037	63	63527	46.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37005	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	57659	5.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1185	0.105	ug/L #	74
16) Methylene chloride	2.455	84	4700	0.505	ug/L	96
34) Trichloroethene	5.850	95	2428	0.300	ug/L #	79
35) Methylcyclohexane	5.998	83	13606	1.084	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	6796	0.943	ug/L #	88
39) cis-1,3-Dichloropropene	6.921	75	1592	0.147	ug/L	90
47) Tetrachloroethene	7.911	164	87745	11.355	ug/L	98
48) 2-Hexanone	8.091	43	8687	3.033	ug/L #	82
49) Dibromochloromethane	7.911	129	72311	10.748	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6633	1.739	ug/L #	58

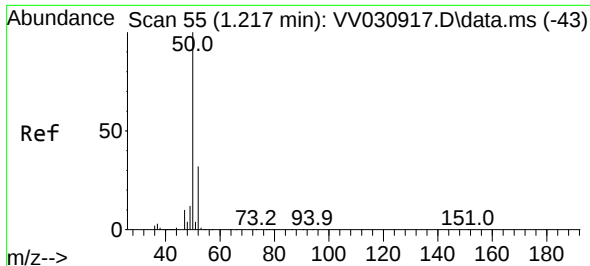
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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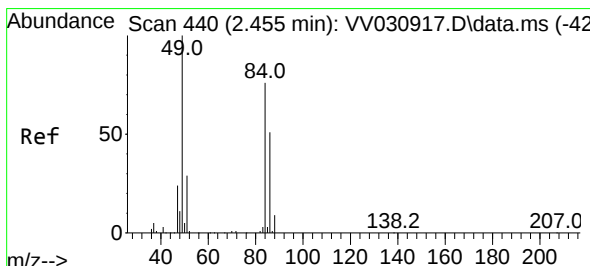
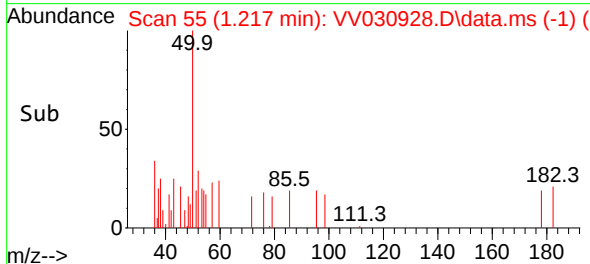
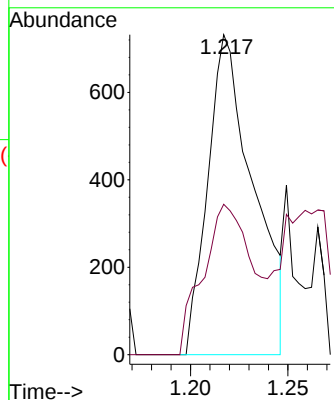
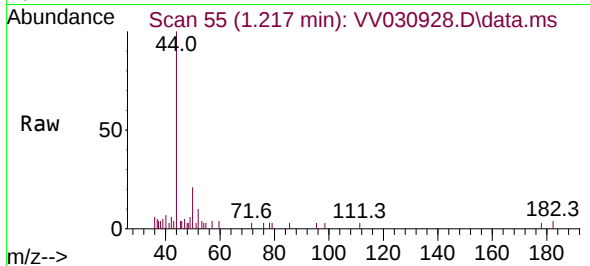




#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.217 min Scan# 50
Delta R.T. -0.000 min
Lab File: VV030928.D
Acq: 28 Apr 2023 18:08

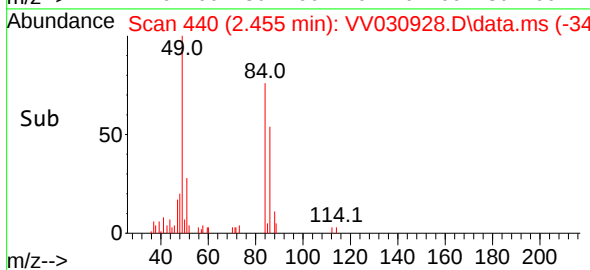
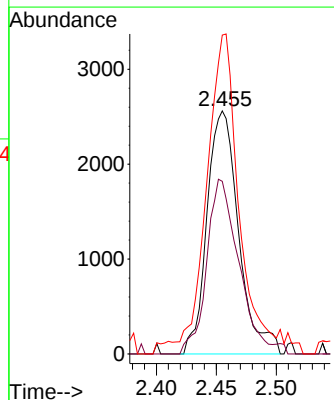
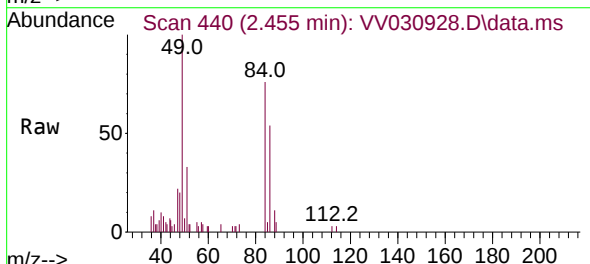
Instrument :
MSVOA_V
ClientSampleId :
BHE76

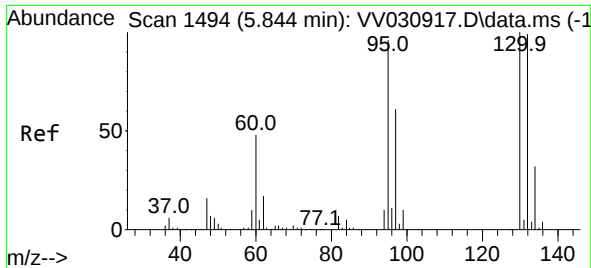
Tgt Ion: 50 Resp: 1185
Ion Ratio Lower Upper
50 100
52 47.0 22.8 42.4#



#16
Methylene chloride
Concen: 0.505 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030928.D
Acq: 28 Apr 2023 18:08

Tgt Ion: 84 Resp: 4700
Ion Ratio Lower Upper
84 100
86 71.0 46.1 85.5
49 131.2 94.3 175.1



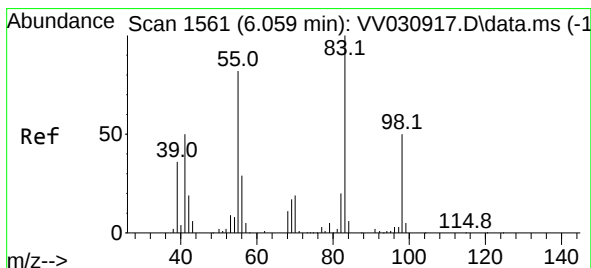
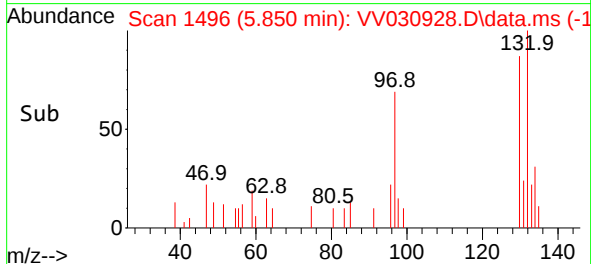
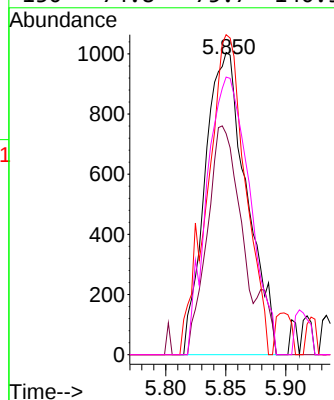
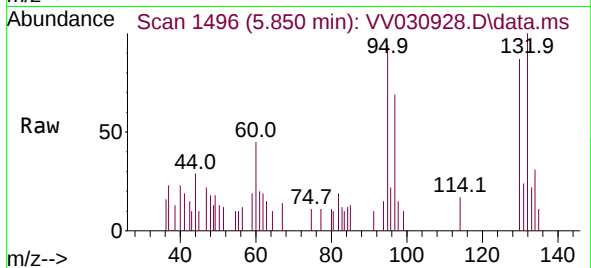


#34
 Trichloroethene
 Concen: 0.300 ug/L
 RT: 5.850 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VV030928.D
 Acq: 28 Apr 2023 18:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE76

Tgt Ion: 95 Resp: 2428

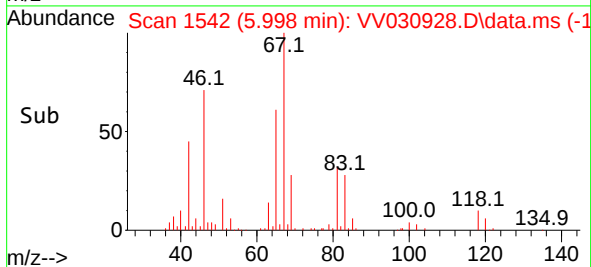
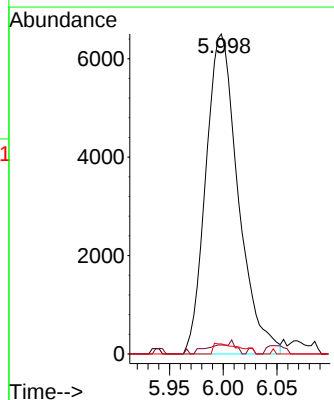
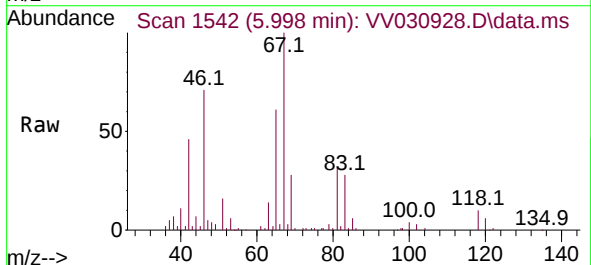
Ion	Ratio	Lower	Upper
95	100		
97	59.6	46.2	85.8
132	86.2	72.7	135.1
130	74.8	75.7	140.5

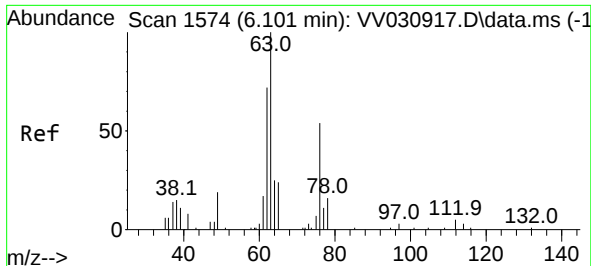


#35
 Methylcyclohexane
 Concen: 1.084 ug/L
 RT: 5.998 min Scan# 1542
 Delta R.T. -0.061 min
 Lab File: VV030928.D
 Acq: 28 Apr 2023 18:08

Tgt Ion: 83 Resp: 13606

Ion	Ratio	Lower	Upper
83	100		
55	2.8	62.9	94.3
98	2.7	40.5	60.7





#37

1,2-Dichloropropane

Concen: 0.943 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030928.D

Acq: 28 Apr 2023 18:08

Instrument :

MSVOA_V

ClientSampleId :

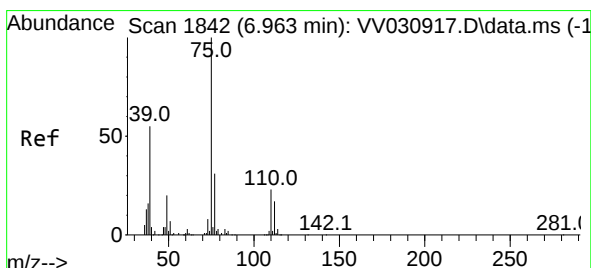
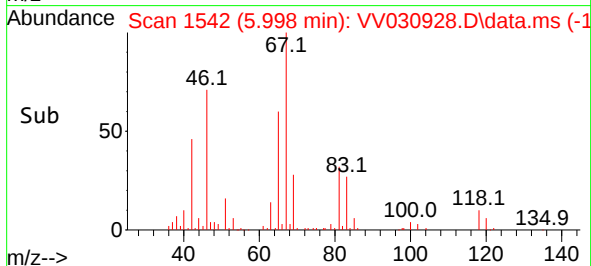
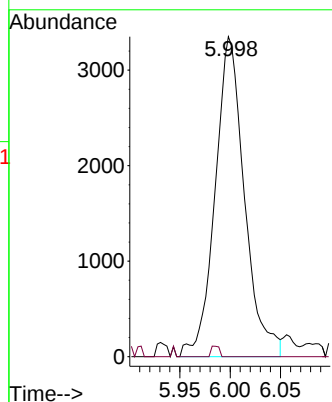
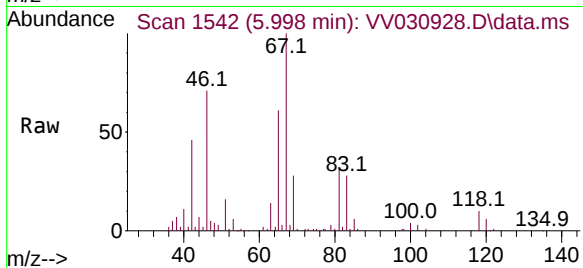
BHE76

Tgt Ion: 63 Resp: 6796

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030928.D

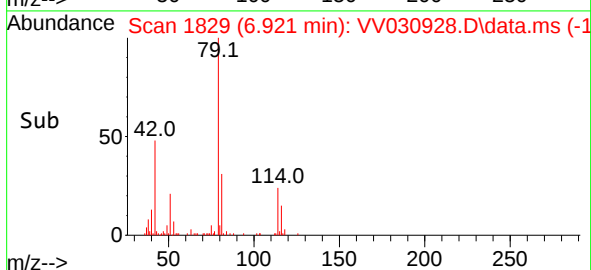
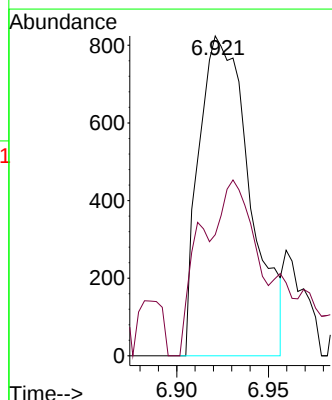
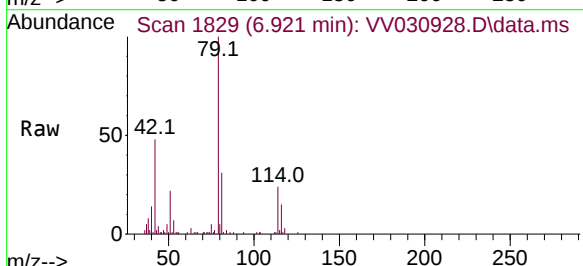
Acq: 28 Apr 2023 18:08

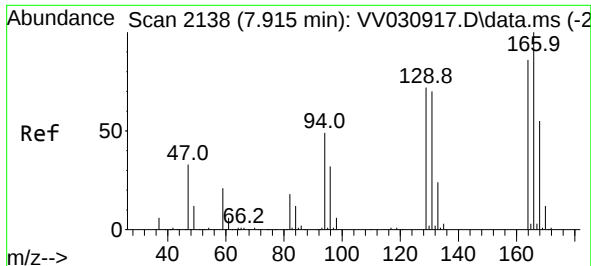
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

77 37.9 22.6 42.0





#47

Tetrachloroethene

Concen: 11.355 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VV030928.D

Acq: 28 Apr 2023 18:08

Instrument :

MSVOA_V

ClientSampleId :

BHE76

Tgt Ion:164 Resp: 87745

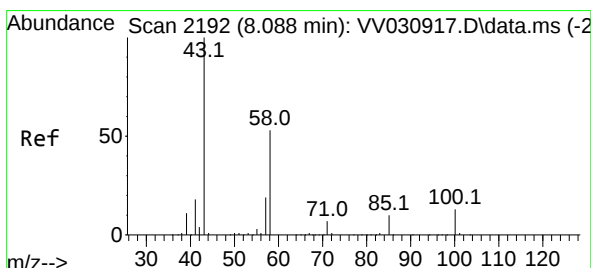
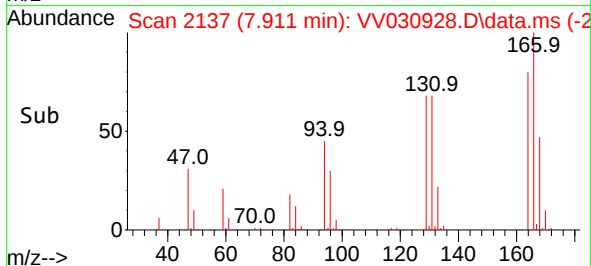
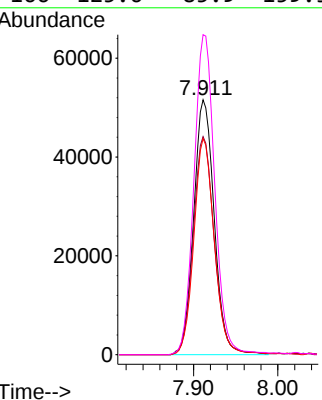
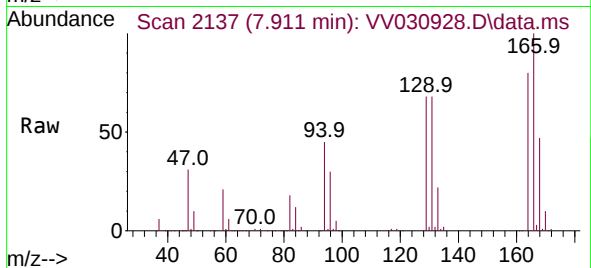
Ion Ratio Lower Upper

164 100

129 85.6 60.5 112.3

131 84.8 60.8 112.8

166 125.6 85.9 159.5



#48

2-Hexanone

Concen: 3.033 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.003 min

Lab File: VV030928.D

Acq: 28 Apr 2023 18:08

Tgt Ion: 43 Resp: 8687

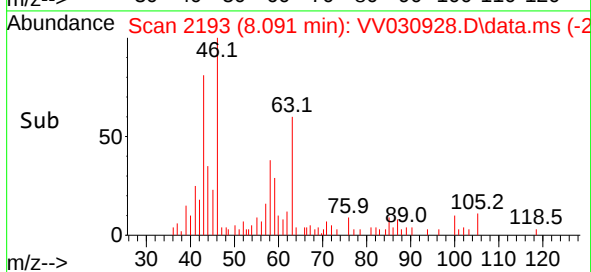
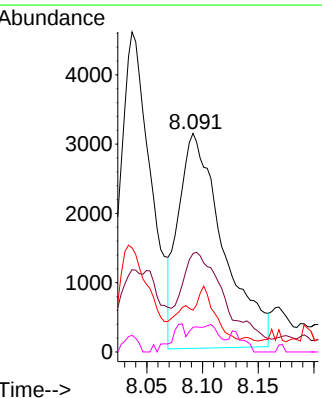
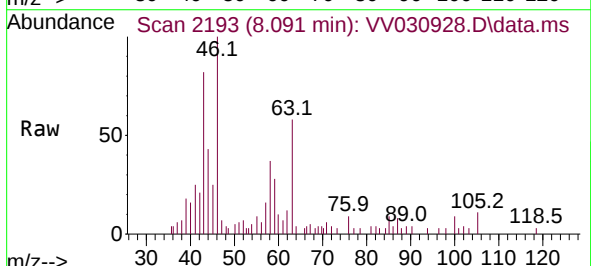
Ion Ratio Lower Upper

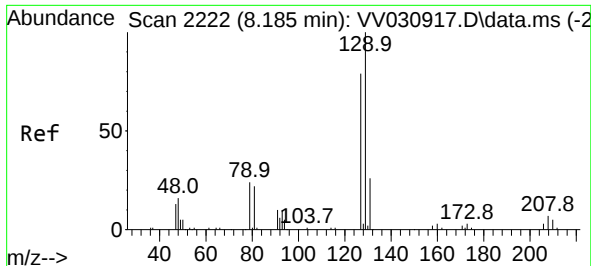
43 100

58 36.2 39.9 59.9#

57 9.9 14.1 21.1#

100 7.7 9.7 14.5#





#49

Dibromochloromethane

Concen: 10.748 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030928.D

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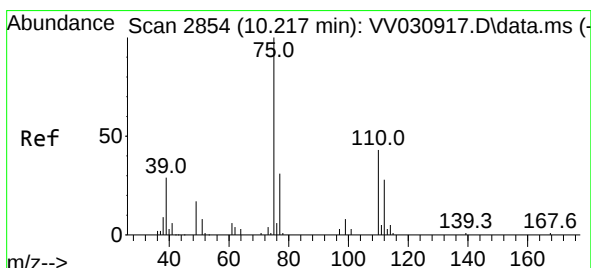
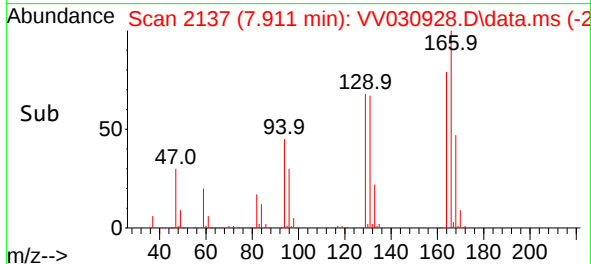
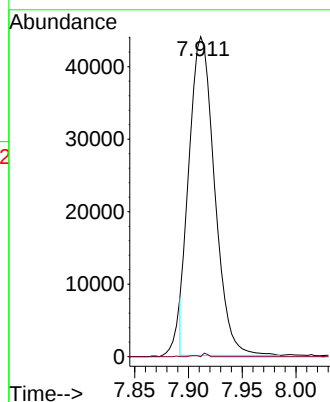
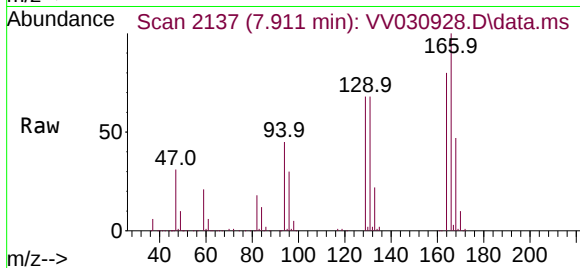
BHE76

Tgt Ion:129 Resp: 72311

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.739 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030928.D

Acq: 28 Apr 2023 18:08

Tgt Ion: 75 Resp: 6633

Ion Ratio Lower Upper

75 100

77 39.9 25.3 37.9#

110 2.6 34.0 51.0#

