

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030940.D
 Acq On : 28 Apr 2023 23:03
 Operator : SY/MD
 Sample : 02551-04 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80

Quant Time: Apr 29 01:15:42 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)

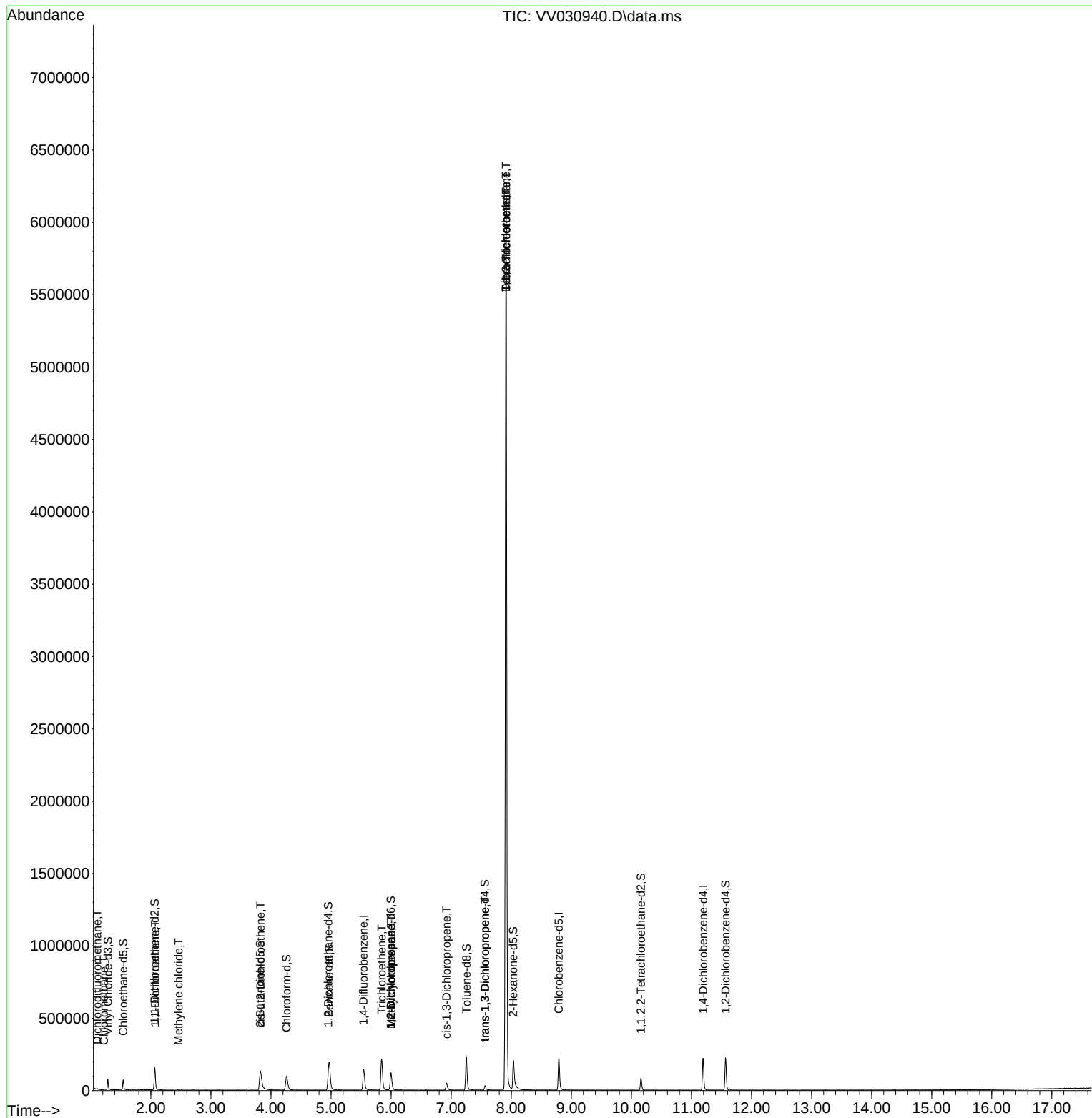
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	46424	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.539	69	42764	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.066	65	24392	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.822	46	91530	50.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.560%
24) Chloroform-d	4.259	84	96791	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	53009	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.969	84	170365	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.998	67	49415	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.252	98	149395	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.561	79	17461	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	69186	50.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35751	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	57907	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	972	0.099	ug/L	99
3) Chloromethane	1.220	50	1429	0.124	ug/L	96
12) 1,1-Dichloroethene	2.072	96	3132	0.373	ug/L #	1
16) Methylene chloride	2.462	84	2112	0.223	ug/L	91
22) cis-1,2-Dichloroethene	3.828	96	50662	6.268	ug/L	97
34) Trichloroethene	5.841	95	71592	8.771	ug/L	99
35) Methylcyclohexane	6.002	83	13741	1.086	ug/L #	18
37) 1,2-Dichloropropane	6.002	63	7263	1.000	ug/L #	90
39) cis-1,3-Dichloropropene	6.921	75	1934	0.178	ug/L #	59
44) trans-1,3-Dichloropropene	7.564	75	1042	0.112	ug/L #	52
45) 1,1,2-Trichloroethane	7.911	97	11991	2.225	ug/L #	10
47) Tetrachloroethene	7.915	164	1288654	165.489	ug/L	98
49) Dibromochloromethane	7.915	129	1086107	160.198	ug/L #	10

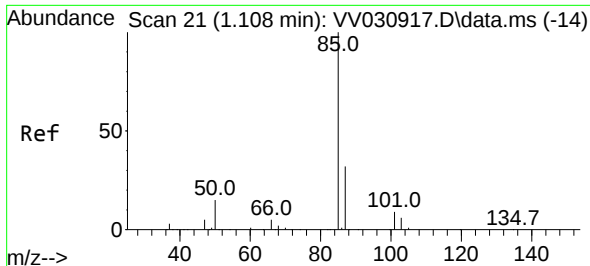
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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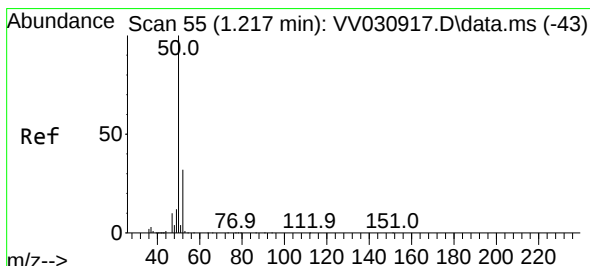
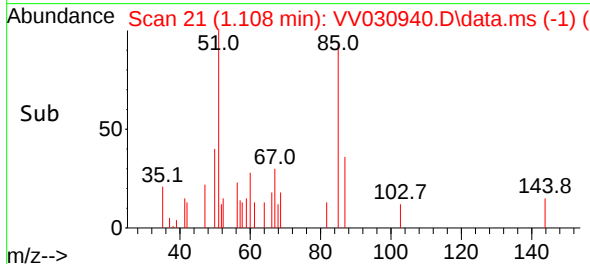
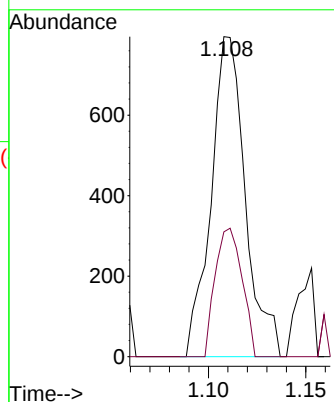
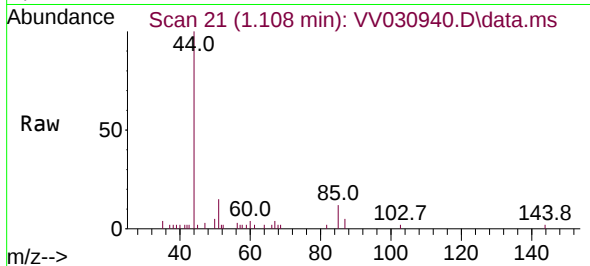




#2
 Dichlorodifluoromethane
 Concen: 0.099 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030940.D
 Acq: 28 Apr 2023 23:03

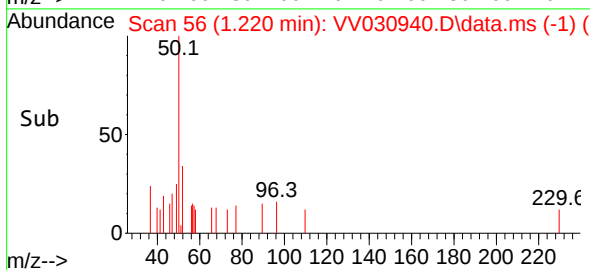
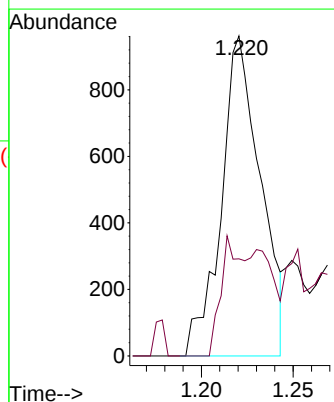
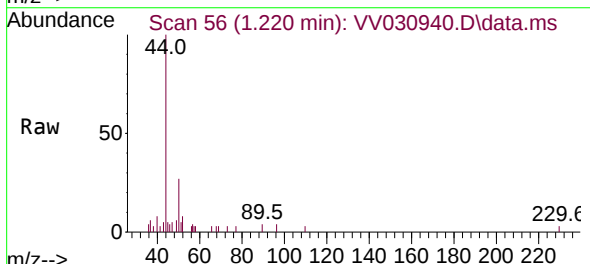
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80

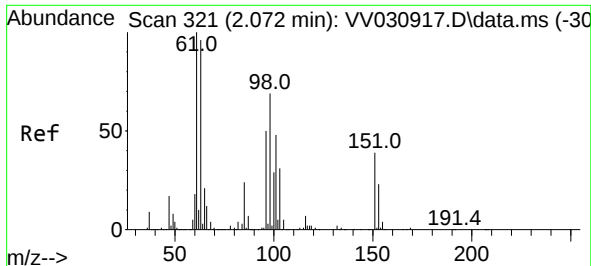
Tgt Ion: 85 Resp: 972
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.6



#3
 Chloromethane
 Concen: 0.124 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV030940.D
 Acq: 28 Apr 2023 23:03

Tgt Ion: 50 Resp: 1429
 Ion Ratio Lower Upper
 50 100
 52 30.4 22.8 42.4

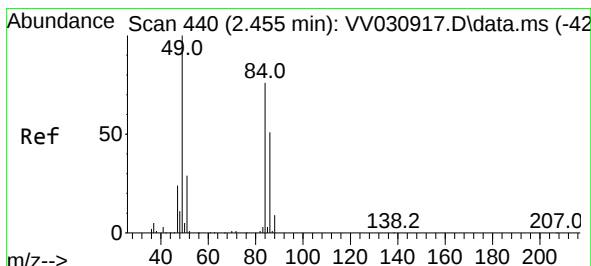
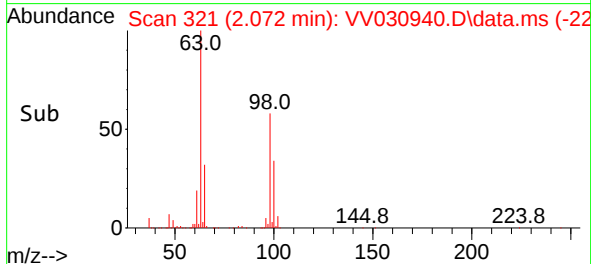
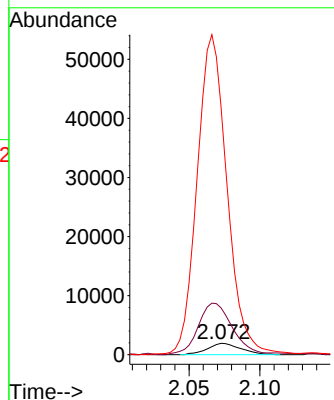
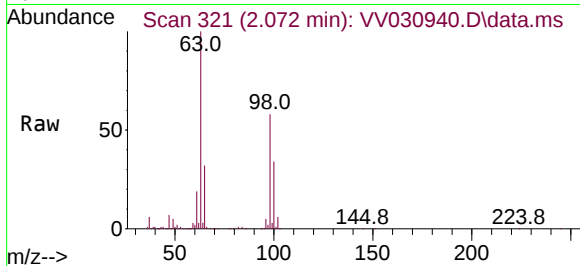




#12
1,1-Dichloroethene
Concen: 0.373 ug/L
RT: 2.072 min Scan# 312
Delta R.T. -0.000 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

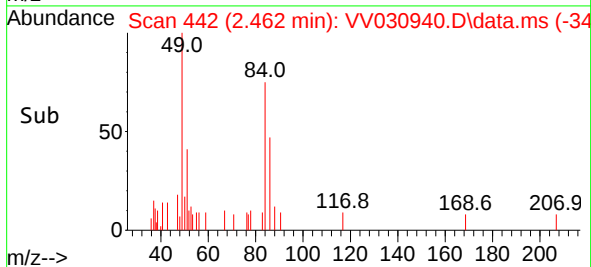
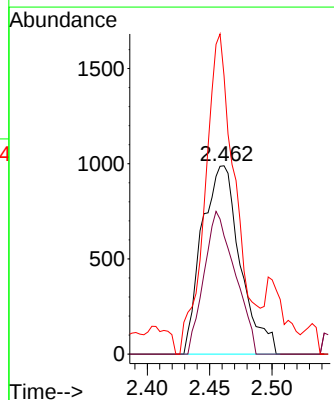
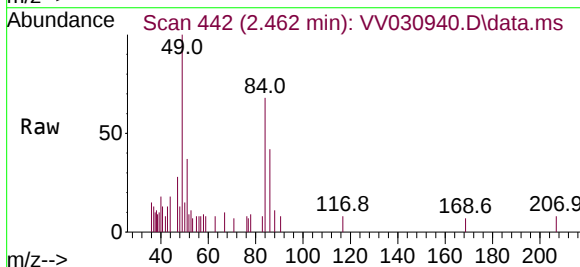
Instrument :
MSVOA_V
ClientSampleId :
BHE80

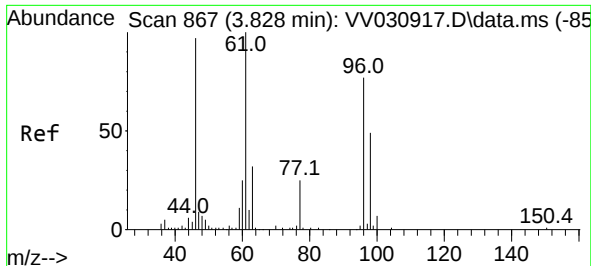
Tgt Ion: 96 Resp: 3132
Ion Ratio Lower Upper
96 100
61 415.2 135.6 251.8#
63 2199.3 121.1 224.9#



#16
Methylene chloride
Concen: 0.223 ug/L
RT: 2.462 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

Tgt Ion: 84 Resp: 2112
Ion Ratio Lower Upper
84 100
86 62.8 46.1 85.5
49 147.8 94.3 175.1

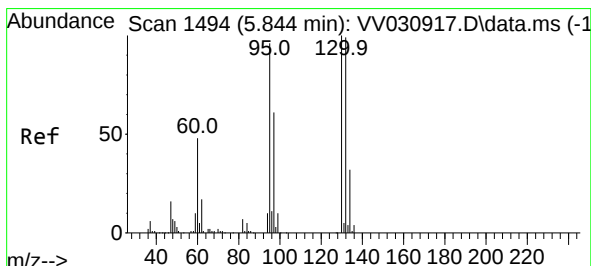
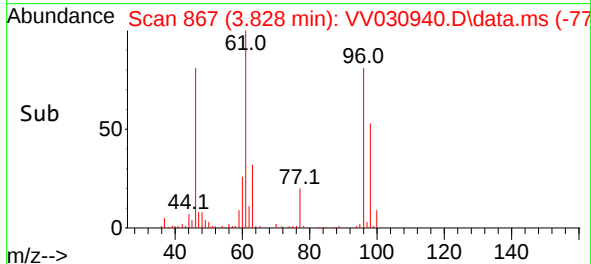
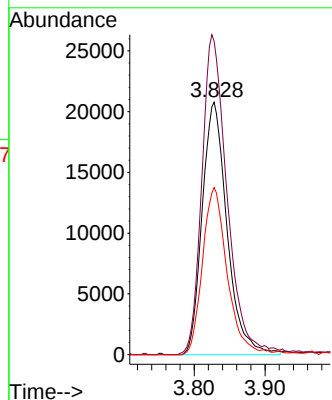
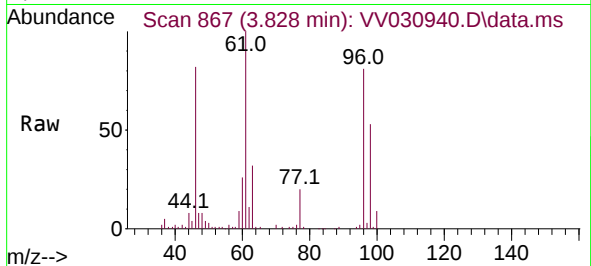




#22
cis-1,2-Dichloroethene
Concen: 6.268 ug/L
RT: 3.828 min Scan# 867
Delta R.T. -0.000 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

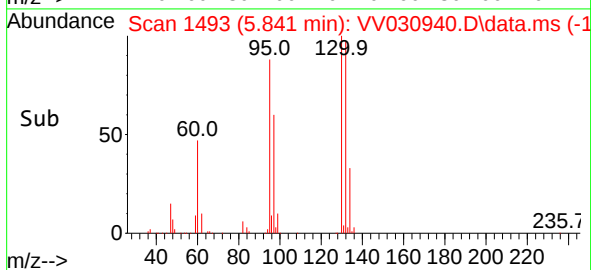
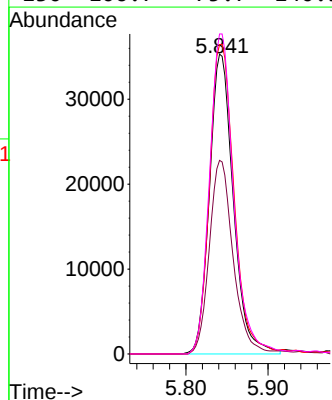
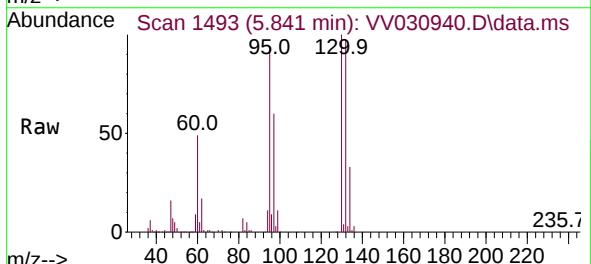
Instrument :
MSVOA_V
ClientSampleId :
BHE80

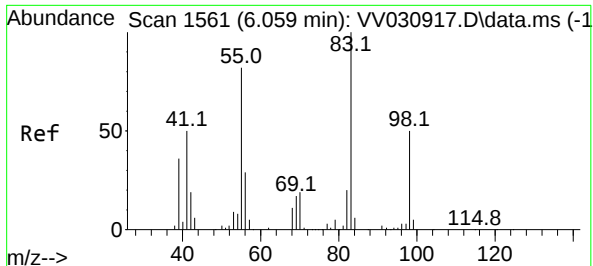
Tgt Ion: 96 Resp: 50662
Ion Ratio Lower Upper
96 100
61 124.2 86.0 159.6
98 66.3 43.2 80.2



#34
Trichloroethene
Concen: 8.771 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

Tgt Ion: 95 Resp: 71592
Ion Ratio Lower Upper
95 100
97 64.5 46.2 85.8
132 103.2 72.7 135.1
130 106.7 75.7 140.5





#35

Methylcyclohexane

Concen: 1.086 ug/L

RT: 6.002 min Scan# 1543

Delta R.T. -0.058 min

Lab File: VV030940.D

Acq: 28 Apr 2023 23:03

Instrument :

MSVOA_V

ClientSampleId :

BHE80

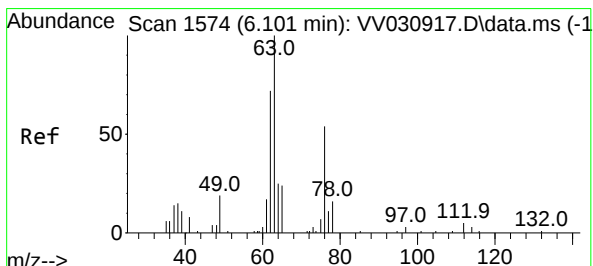
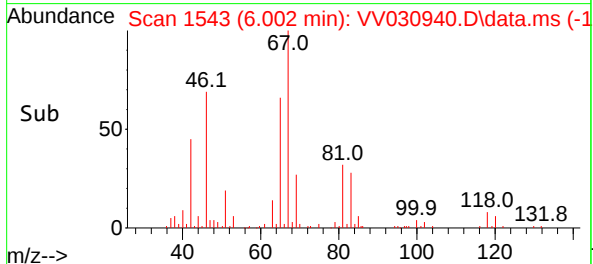
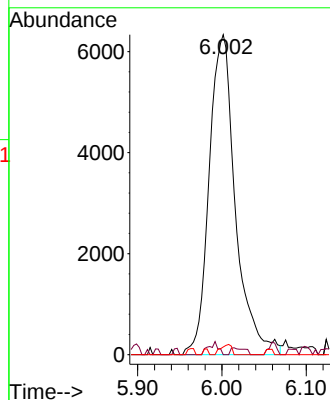
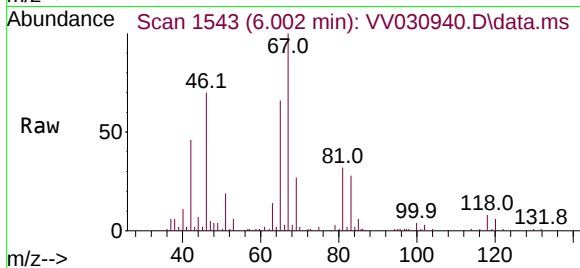
Tgt Ion: 83 Resp: 13741

Ion Ratio Lower Upper

83 100

55 1.1 62.9 94.3#

98 1.3 40.5 60.7#



#37

1,2-Dichloropropane

Concen: 1.000 ug/L

RT: 6.002 min Scan# 1543

Delta R.T. -0.100 min

Lab File: VV030940.D

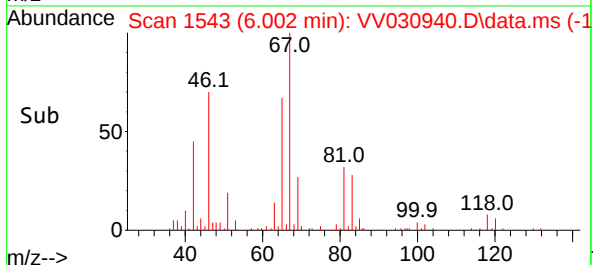
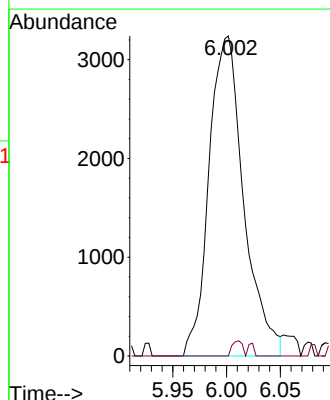
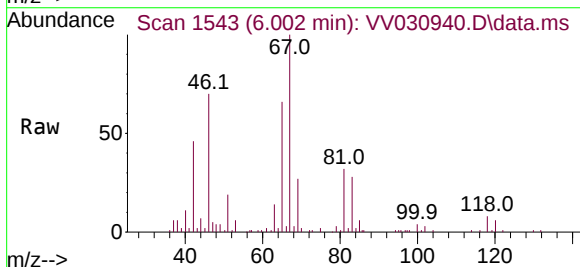
Acq: 28 Apr 2023 23:03

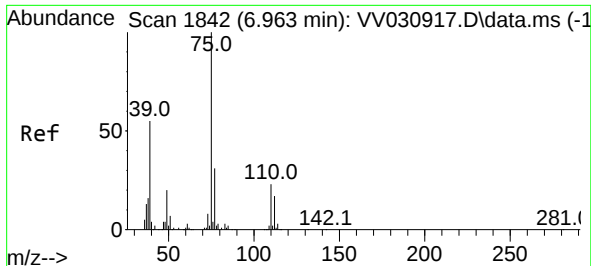
Tgt Ion: 63 Resp: 7263

Ion Ratio Lower Upper

63 100

112 1.4 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.178 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030940.D

Acq: 28 Apr 2023 23:03

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MSVOA_V

ClientSampleId :

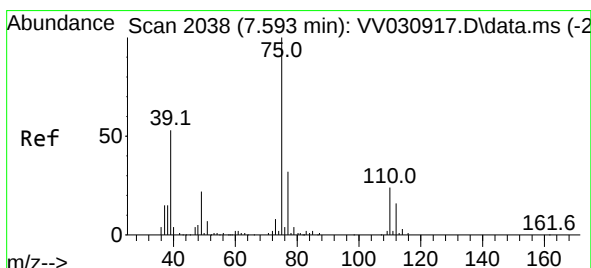
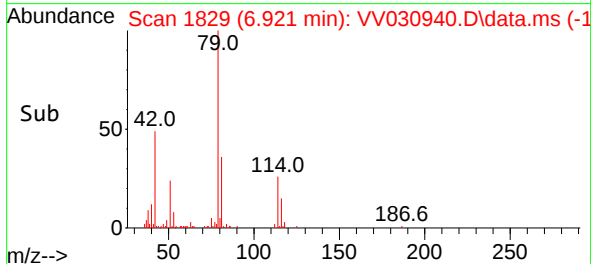
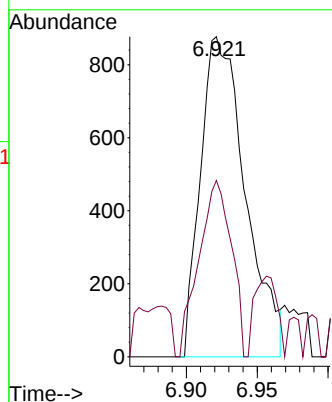
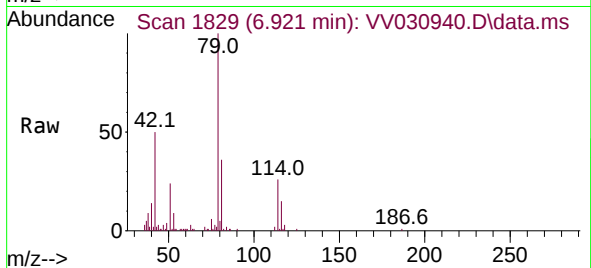
BHE80

Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

75 100

77 55.1 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.029 min

Lab File: VV030940.D

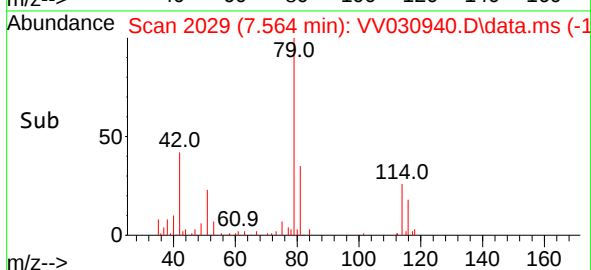
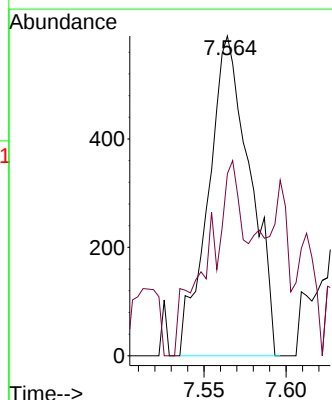
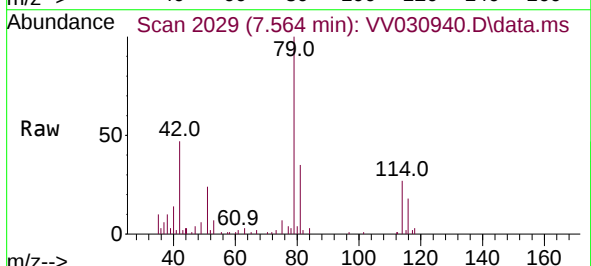
Acq: 28 Apr 2023 23:03

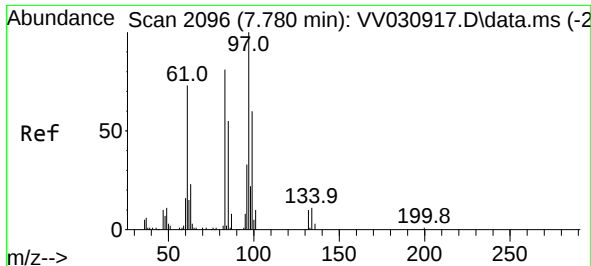
Tgt Ion: 75 Resp: 1042

Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.0#





#45

1,1,2-Trichloroethane

Concen: 2.225 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.132 min

Lab File: VV030940.D

Acq: 28 Apr 2023 23:03

Instrument :

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BHE80

Tgt Ion: 97 Resp: 11991

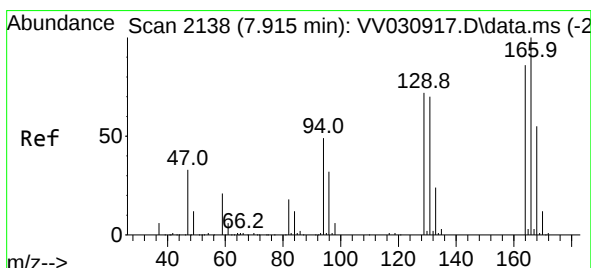
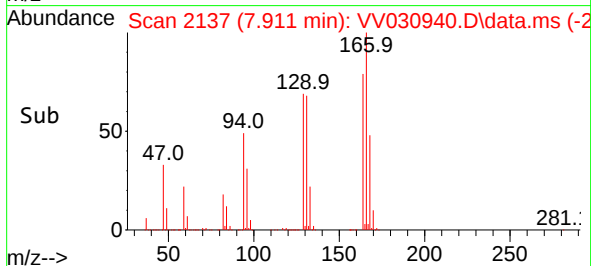
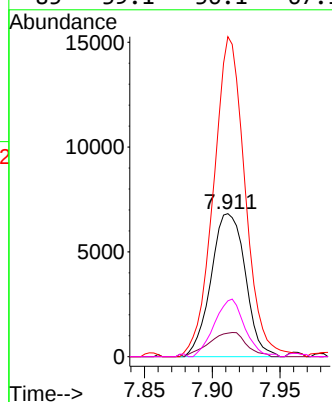
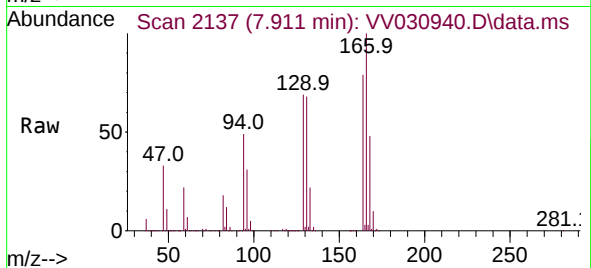
Ion Ratio Lower Upper

97 100

99 16.5 42.8 79.6#

83 223.7 57.5 106.7#

85 39.1 36.1 67.1



#47

Tetrachloroethene

Concen: 165.489 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VV030940.D

Acq: 28 Apr 2023 23:03

Tgt Ion:164 Resp: 1288654

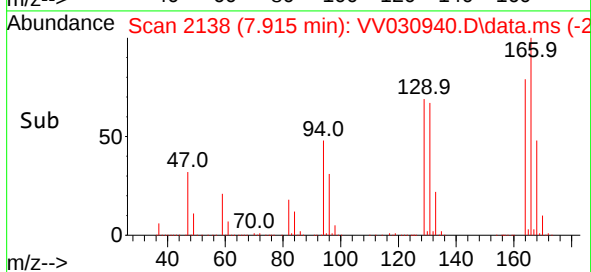
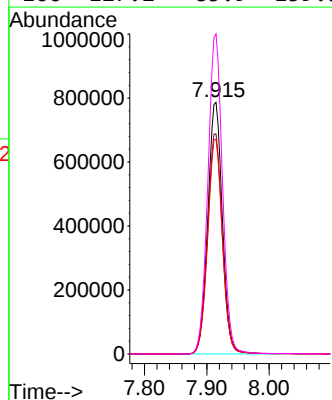
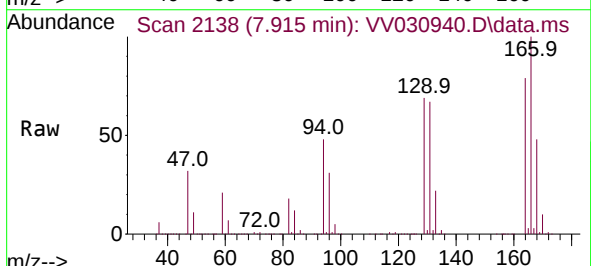
Ion Ratio Lower Upper

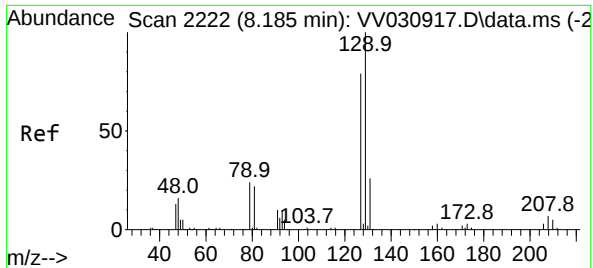
164 100

129 87.4 60.5 112.3

131 85.4 60.8 112.8

166 127.2 85.9 159.5





#49
 Dibromochloromethane
 Concen: 160.198 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. -0.270 min
 Lab File: VV030940.D
 Acq: 28 Apr 2023 23:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80

Tgt Ion:129 Resp: 1086107
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.3 102.7#

