

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030957.D
 Acq On : 01 May 2023 15:51
 Operator : SY/MD
 Sample : 02551-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE81

Quant Time: May 02 01:34:24 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)

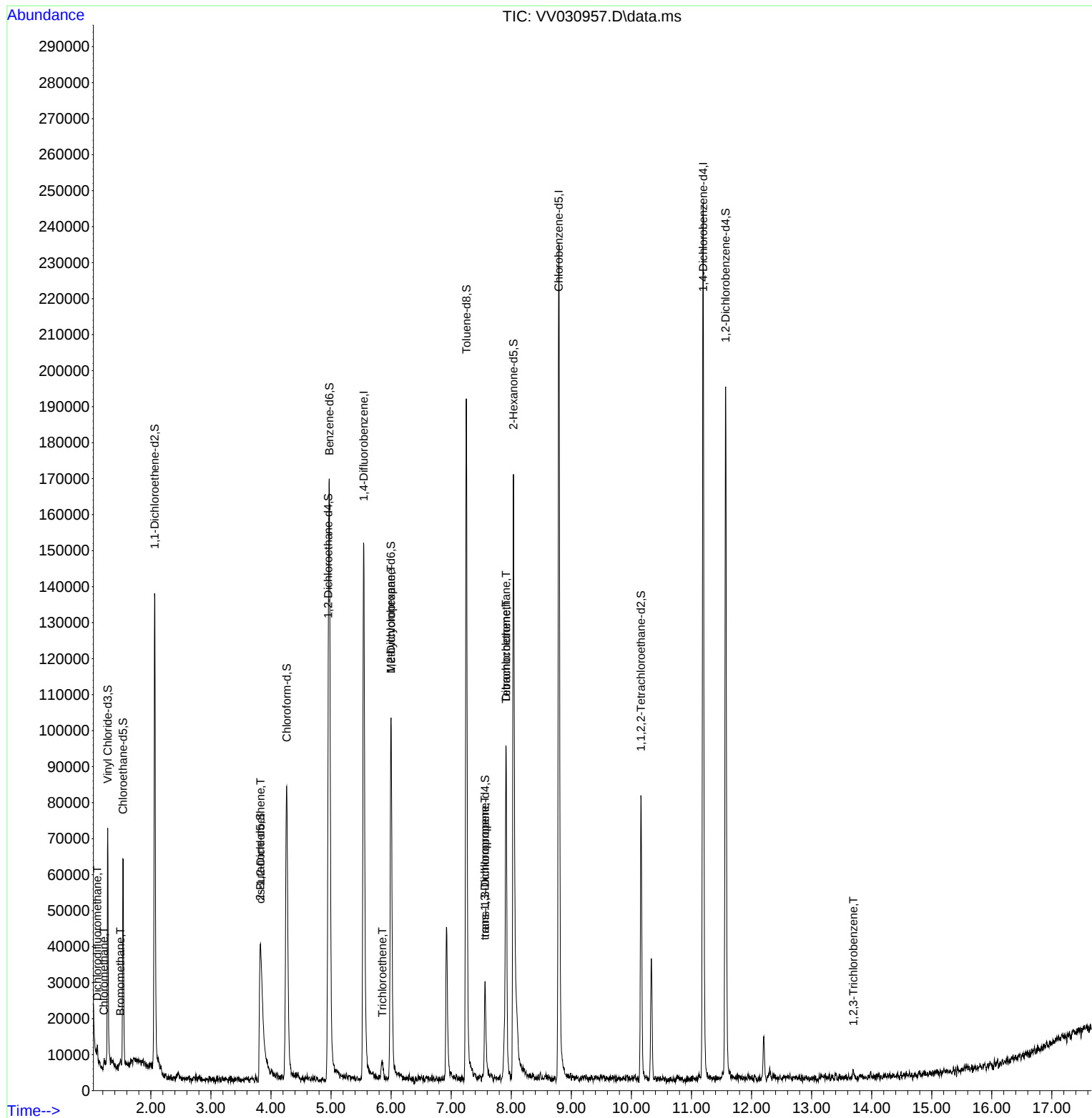
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128686	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	130323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41980	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.536	69	36310	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.063	65	22185	3.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.822	46	85058	45.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	4.262	84	83910	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	4.953	65	44749	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	4.973	84	144591	3.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	5.998	67	43264	3.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.252	98	130019	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.564	79	15389	3.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.037	63	56196	38.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33268	4.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	51082	4.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	659	0.065	ug/L	94
3) Chloromethane	1.220	50	1407	0.118	ug/L #	59
6) Bromomethane	1.491	94	383	0.081	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	1021	0.122	ug/L #	91
34) Trichloroethene	5.854	95	1850	0.212	ug/L	79
35) Methylcyclohexane	5.998	83	11877	0.877	ug/L #	18
44) trans-1,3-Dichloropropene	7.561	75	1183	0.119	ug/L #	59
47) Tetrachloroethene	7.915	164	20428	2.450	ug/L	96
49) Dibromochloromethane	7.912	129	16364	2.255	ug/L #	10
72) 1,2,3-Trichlorobenzene	13.696	180	753	0.079	ug/L #	71

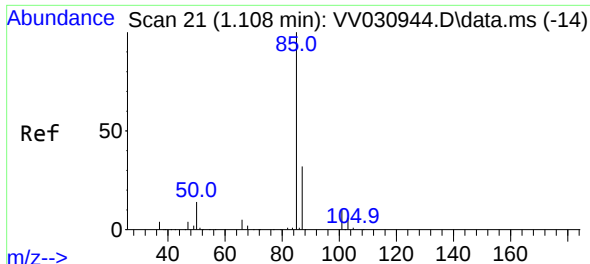
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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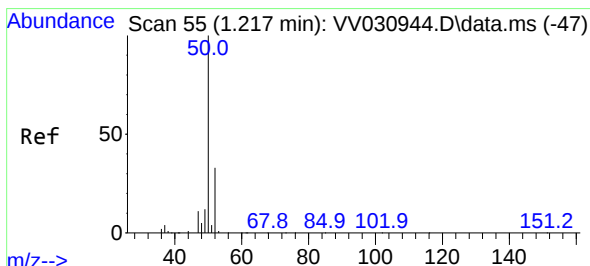
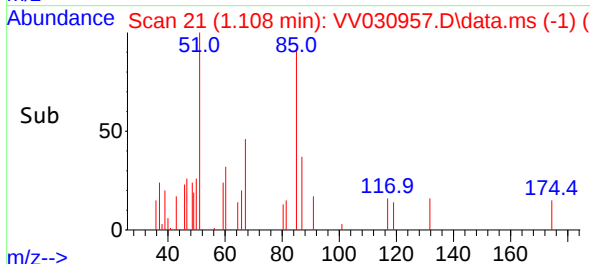
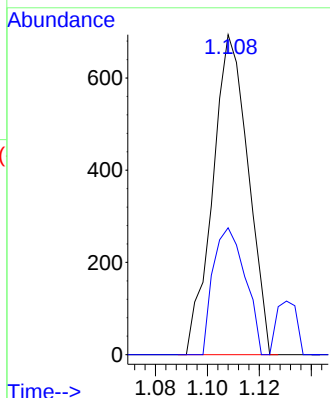
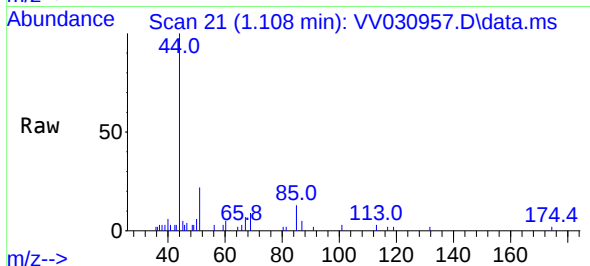




#2
 Dichlorodifluoromethane
 Concen: 0.065 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030957.D
 Acq: 01 May 2023 15:51

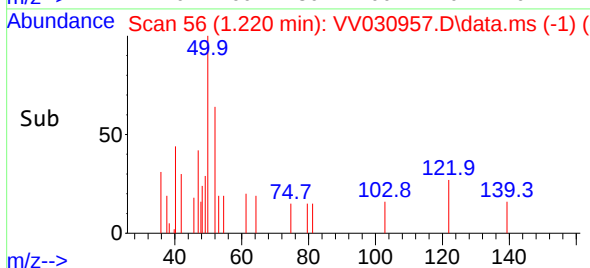
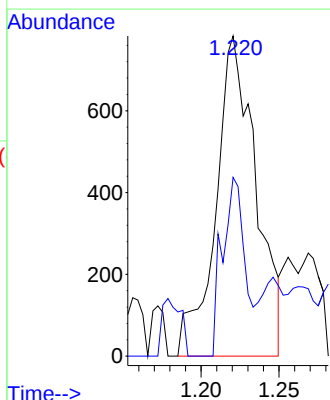
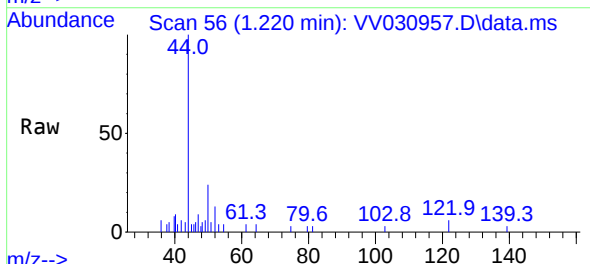
Instrument :
 MSVOA_V
 ClientSampleId :
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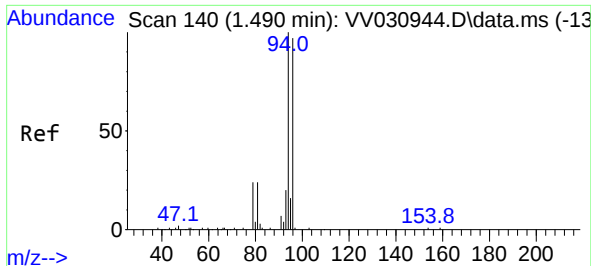
Tgt Ion: 85 Resp: 659
 Ion Ratio Lower Upper
 85 100
 87 35.8 25.8 38.6



#3
 Chloromethane
 Concen: 0.118 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV030957.D
 Acq: 01 May 2023 15:51

Tgt Ion: 50 Resp: 1407
 Ion Ratio Lower Upper
 50 100
 52 55.8 22.8 42.4#

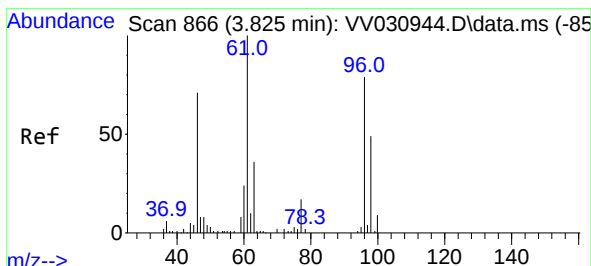
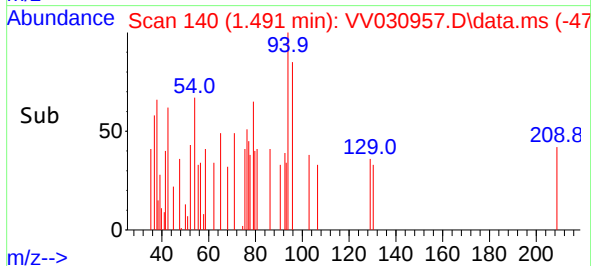
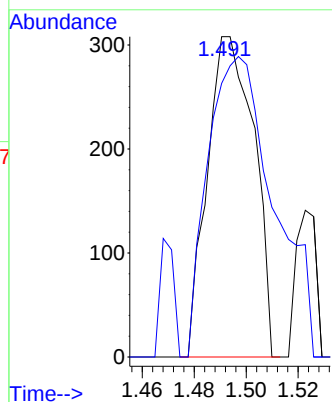
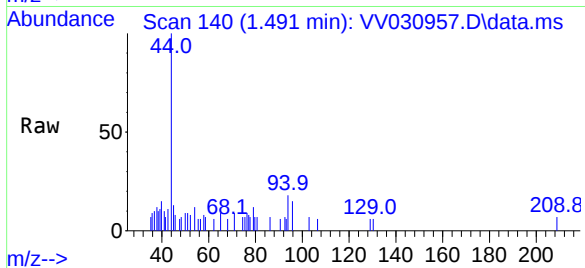




#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.491 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

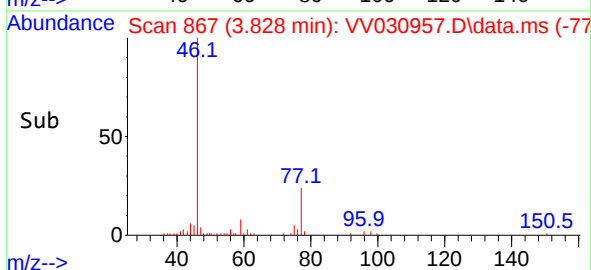
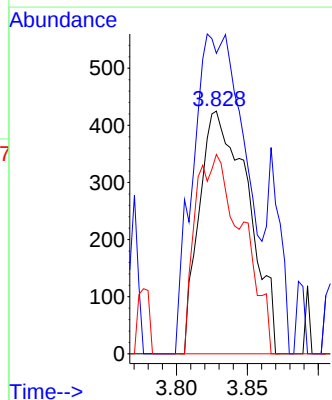
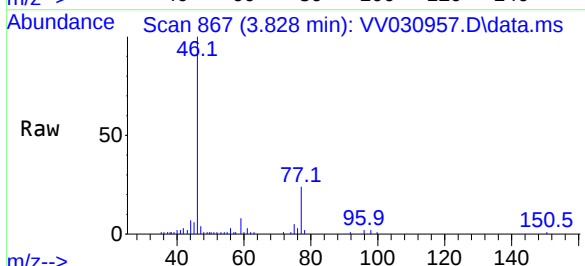
Instrument :
MSVOA_V
ClientSampleId :
BHE81

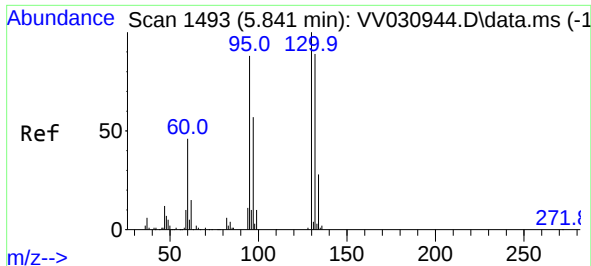
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 85.4 63.4 117.8



#22
cis-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.000 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

Tgt Ion: 96 Resp: 1021
Ion Ratio Lower Upper
96 100
61 123.8 86.0 159.6
98 82.1 43.2 80.2#

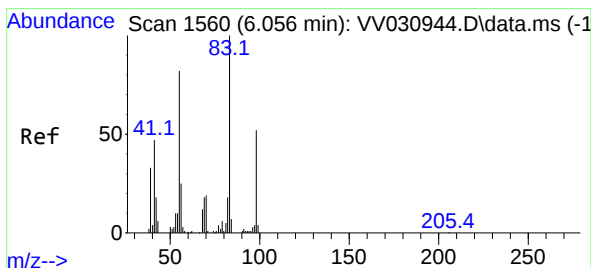
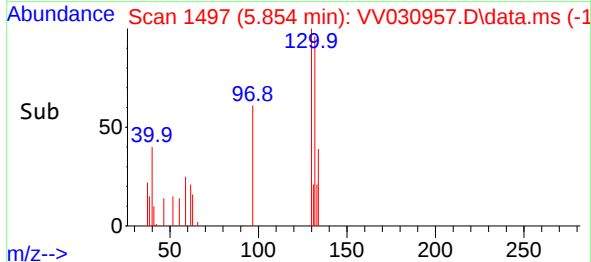
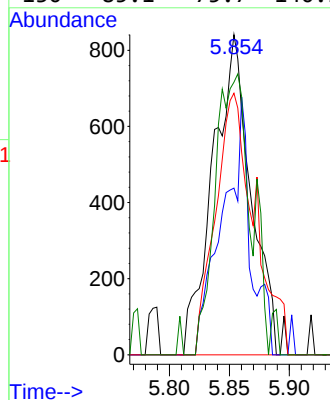
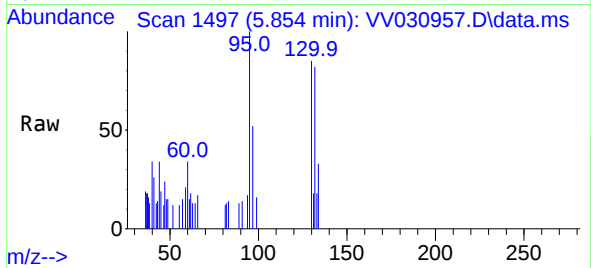




#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.854 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

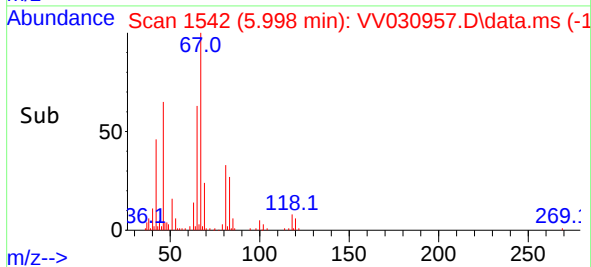
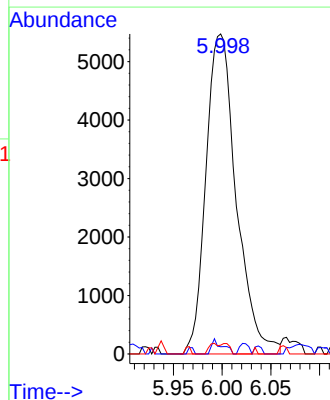
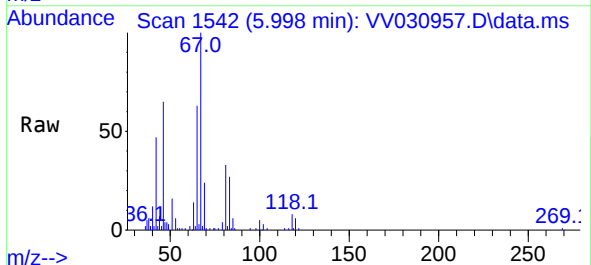
Instrument :
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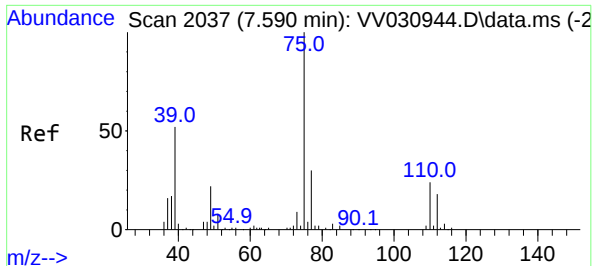
Tgt Ion: 95	Resp: 1850
Ion Ratio	Lower Upper
95 100	
97 52.1	46.2 85.8
132 81.7	72.7 135.1
130 85.1	75.7 140.5



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

Tgt Ion: 83	Resp: 11877
Ion Ratio	Lower Upper
83 100	
55 1.0	62.9 94.3#
98 0.8	40.5 60.7#

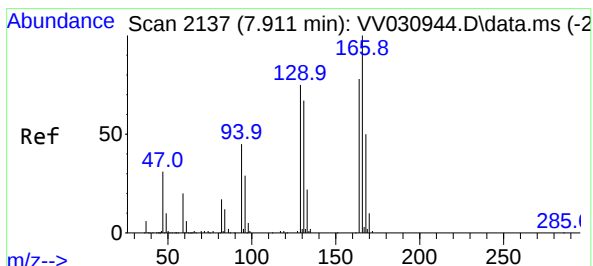
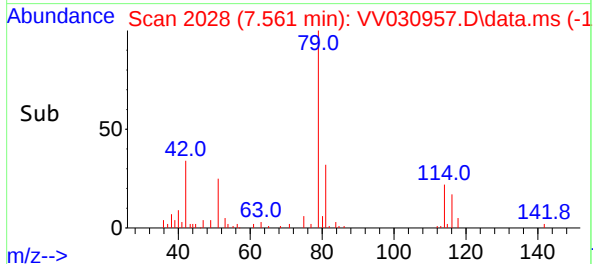
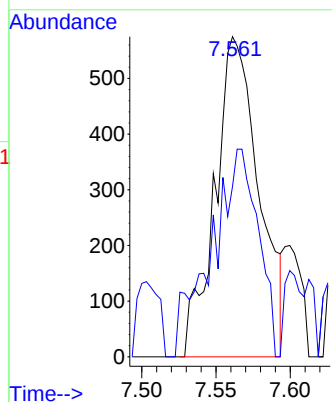
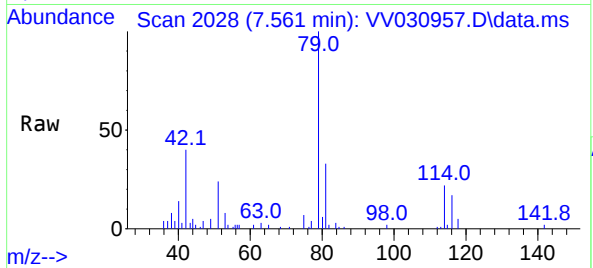




#44
trans-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 7.561 min Scan# 2037
Delta R.T. -0.032 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

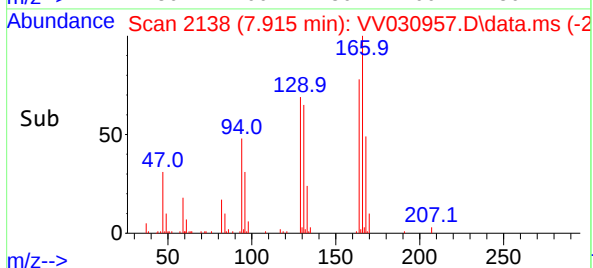
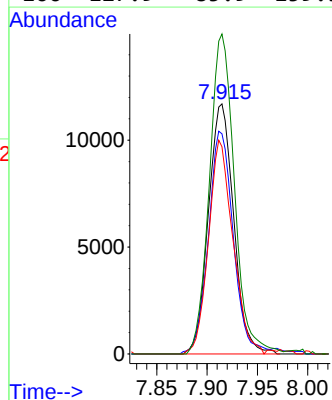
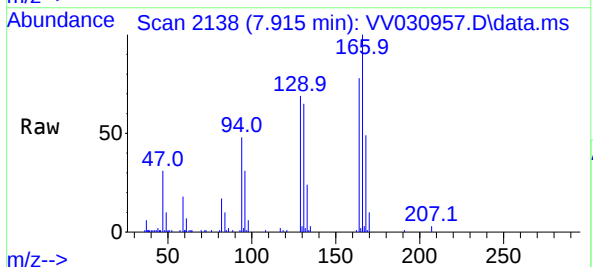
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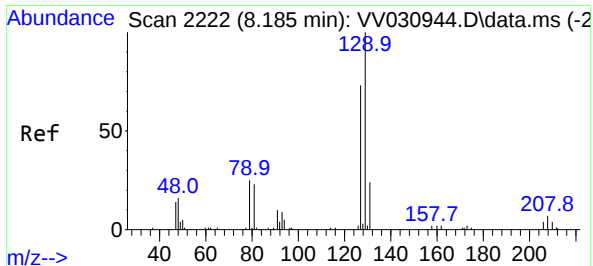
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 53.2 21.6 40.0#



#47
Tetrachloroethene
Concen: 2.450 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VV030957.D
Acq: 01 May 2023 15:51

Tgt Ion:164 Resp: 20428
Ion Ratio Lower Upper
164 100
129 88.0 60.5 112.3
131 82.9 60.8 112.8
166 127.9 85.9 159.5





#49

Dibromochloromethane

Concen: 2.255 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030957.D

Acq: 01 May 2023 15:51

Instrument :

MSVOA_V

ClientSampleId :

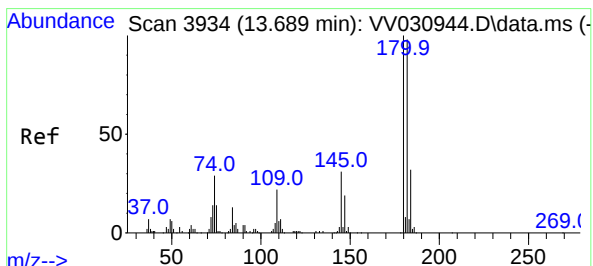
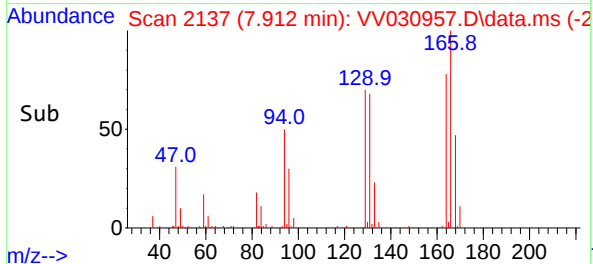
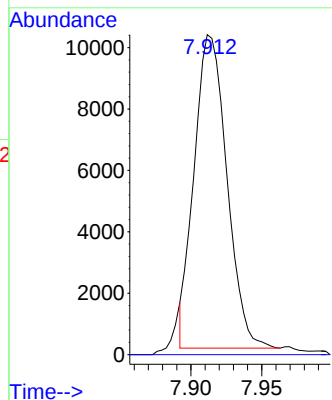
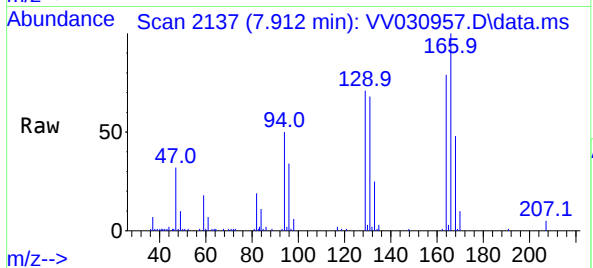
BHE81

Tgt Ion:129 Resp: 16364

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.079 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.006 min

Lab File: VV030957.D

Acq: 01 May 2023 15:51

Tgt Ion:180 Resp: 753

Ion Ratio Lower Upper

180 100

182 69.7 77.3 115.9#

145 13.3 24.7 37.1#

