

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030952.D
 Acq On : 01 May 2023 13:51
 Operator : SY/MD
 Sample : 02551-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE77

Quant Time: May 02 01:33:46 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)

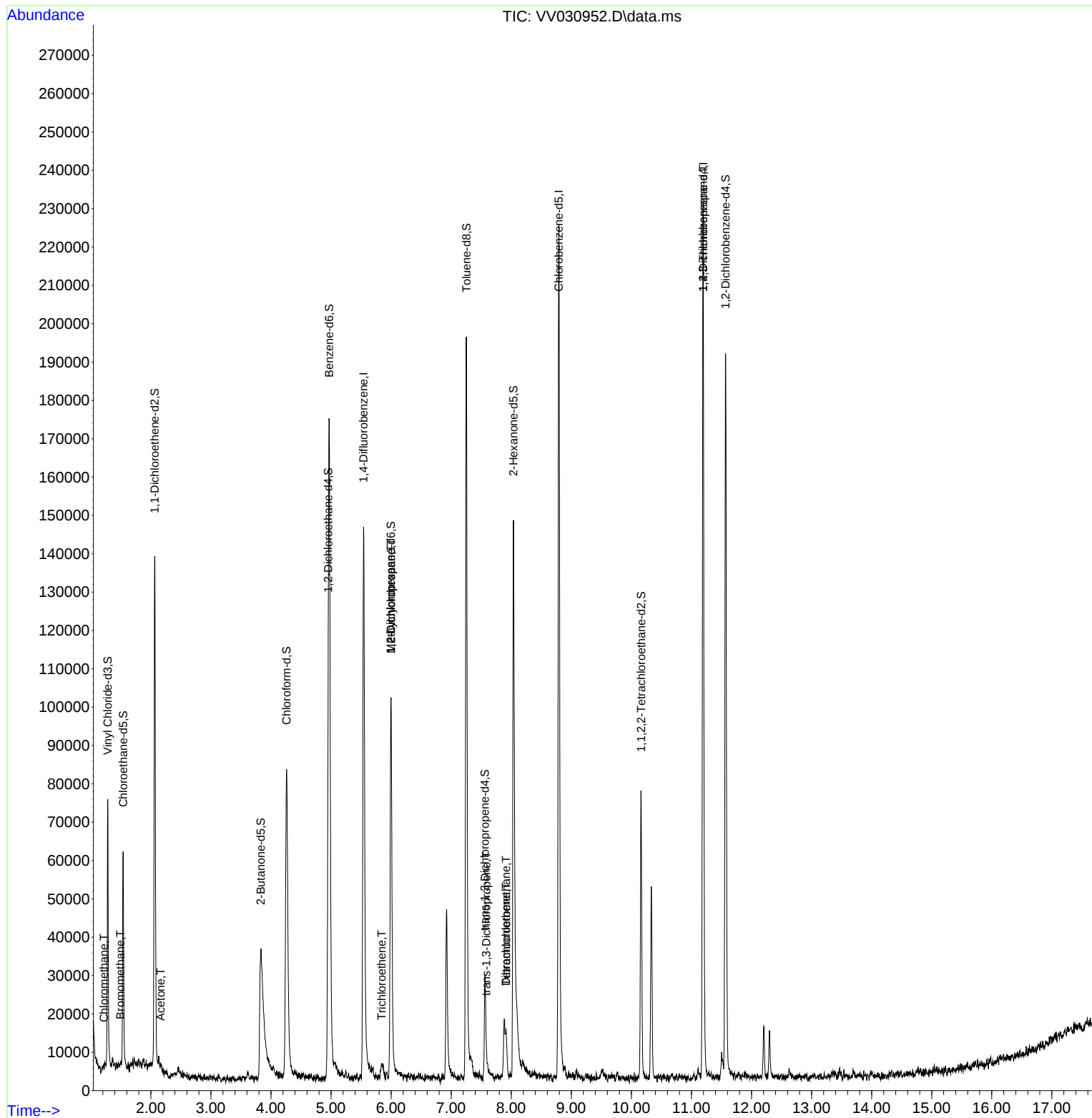
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	125761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44141	4.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.539	69	35451	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.066	65	23235	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.831	46	74317	40.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.180%
24) Chloroform-d	4.259	84	84220	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.953	65	44225	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	4.969	84	148603	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.998	67	42143	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.252	98	132264	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.561	79	15911	3.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.037	63	51624	36.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31378	4.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	50934	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1600	0.138	ug/L	94
6) Bromomethane	1.494	94	385	0.083	ug/L	88
13) Acetone	2.162	43	4572	2.924	ug/L	97
34) Trichloroethene	5.844	95	709	0.084	ug/L #	61
35) Methylcyclohexane	5.998	83	11449	0.876	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	6366	0.848	ug/L #	89
44) trans-1,3-Dichloropropene	7.583	75	965	0.101	ug/L	99
47) Tetrachloroethene	7.915	164	2677	0.333	ug/L	94
49) Dibromochloromethane	7.915	129	1851	0.264	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7075	1.756	ug/L #	62

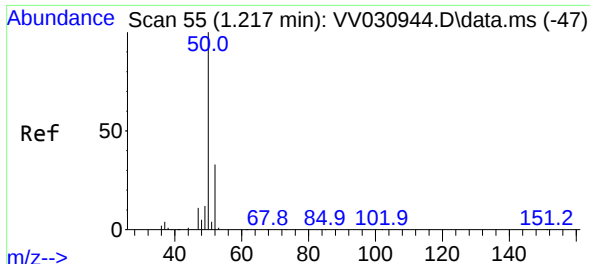
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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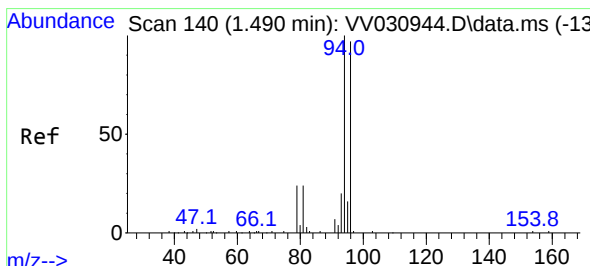
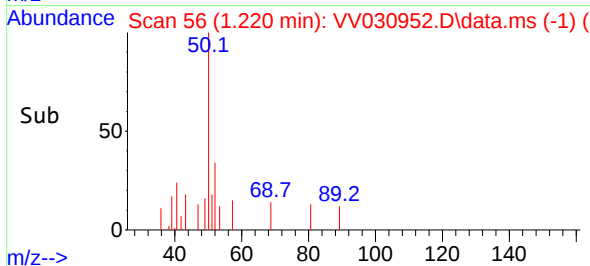
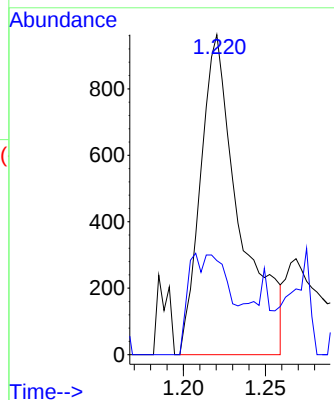
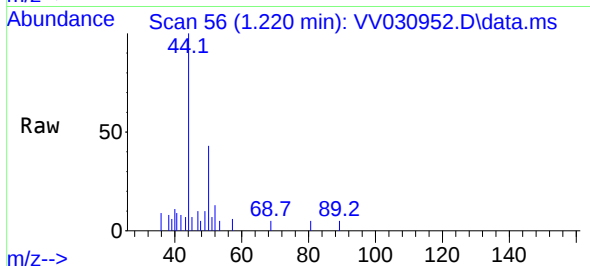




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

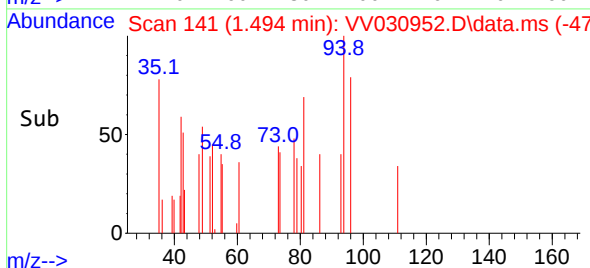
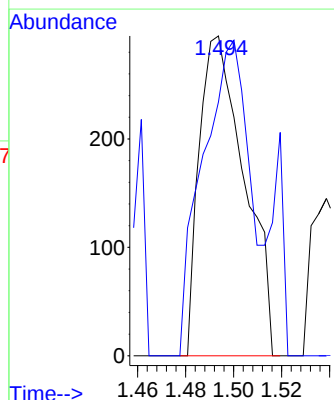
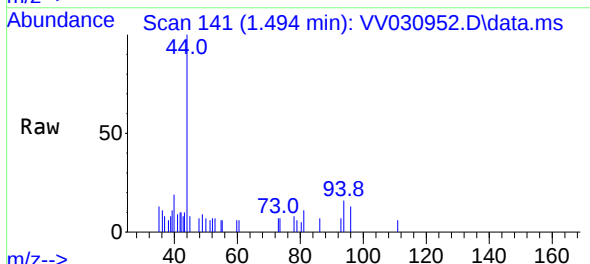
Instrument :
MSVOA_V
ClientSampleId :
BHE77

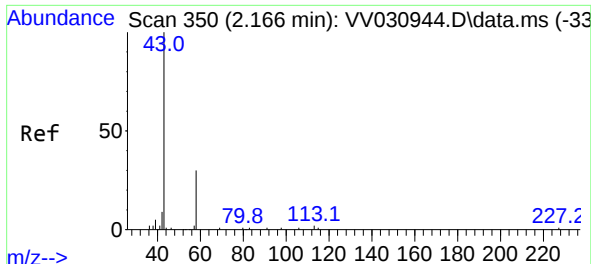
Tgt Ion: 50 Resp: 1600
Ion Ratio Lower Upper
50 100
52 29.4 22.8 42.4



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 79.3 63.4 117.8

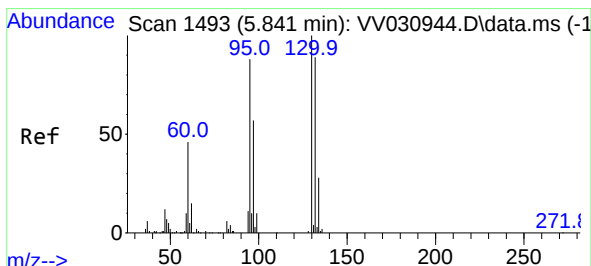
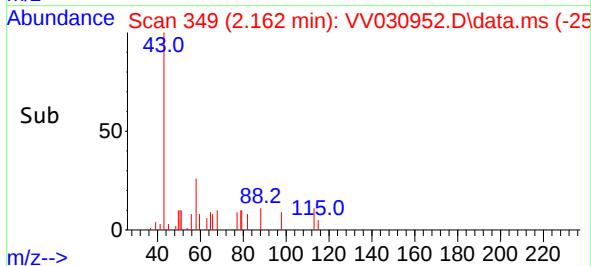
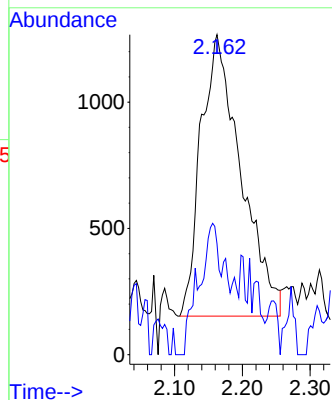
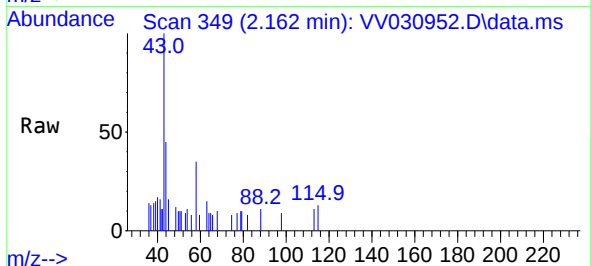




#13
Acetone
Concen: 2.924 ug/L
RT: 2.162 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

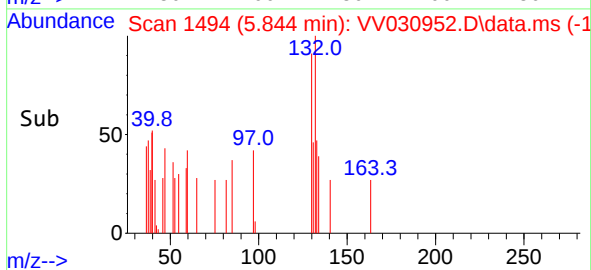
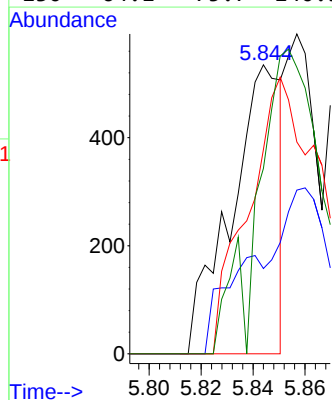
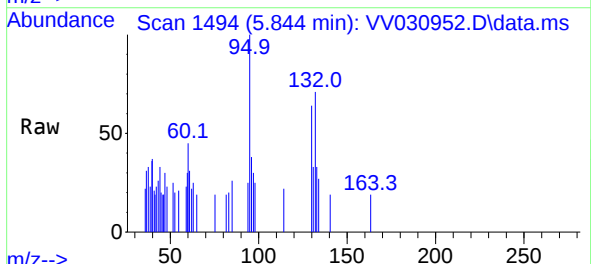
Instrument :
MSVOA_V
ClientSampleId :
BHE77

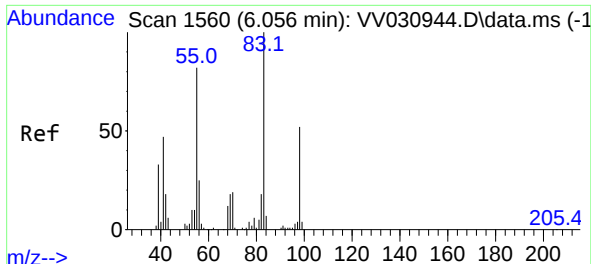
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
58 17.0 0.0 37.0



#34
Trichloroethene
Concen: 0.084 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

Tgt Ion: 95 Resp: 709
Ion Ratio Lower Upper
95 100
97 29.5 46.2 85.8#
132 70.7 72.7 135.1#
130 64.1 75.7 140.5#

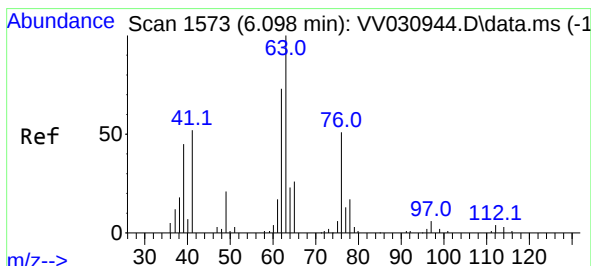
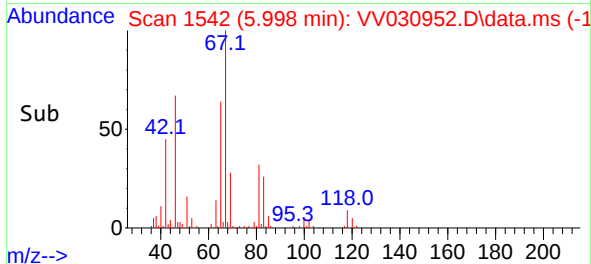
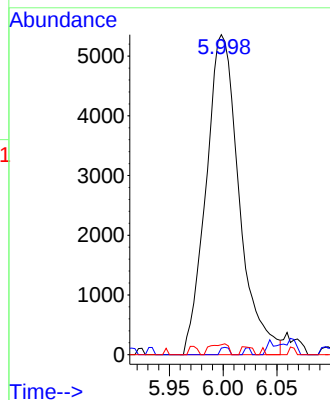
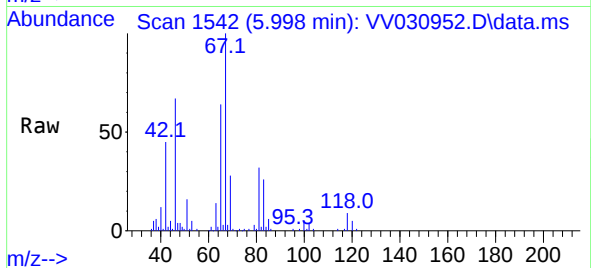




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

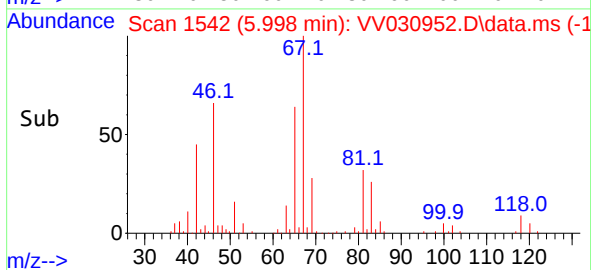
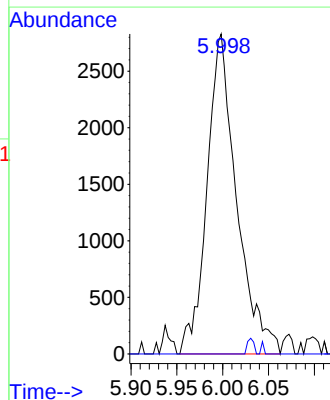
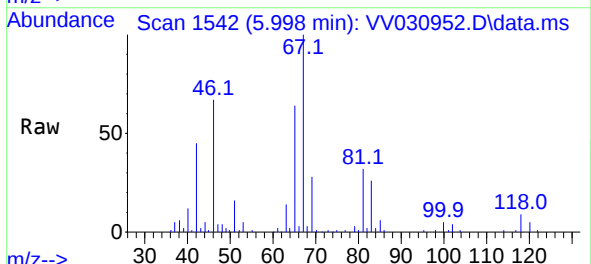
Instrument :
MSVOA_V
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BHE77

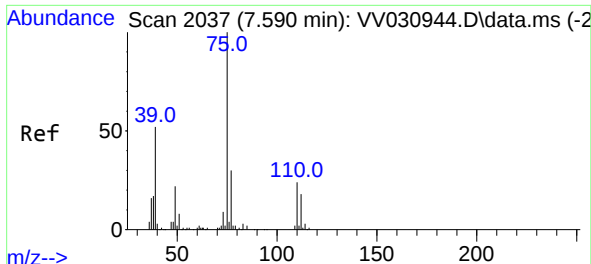
Tgt Ion:	83	Resp:	11449
Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.9	94.3#
98	1.8	40.5	60.7#



#37
1,2-Dichloropropane
Concen: 0.848 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

Tgt Ion:	63	Resp:	6366
Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.8	5.8#

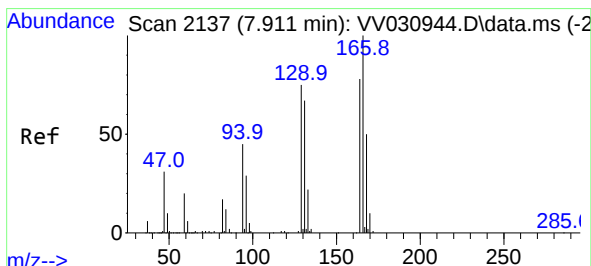
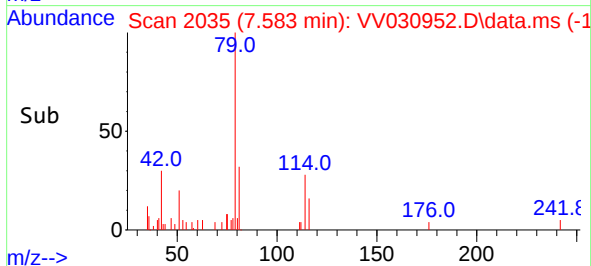
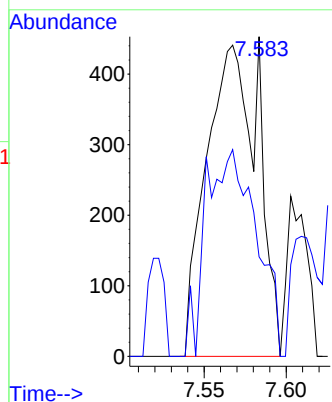
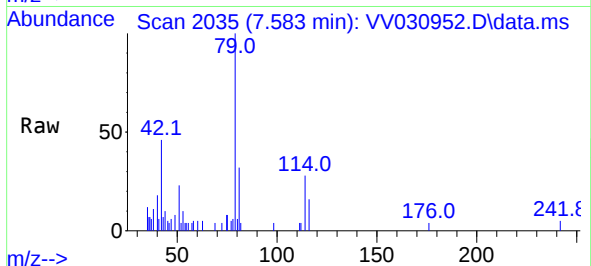




#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. -0.010 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

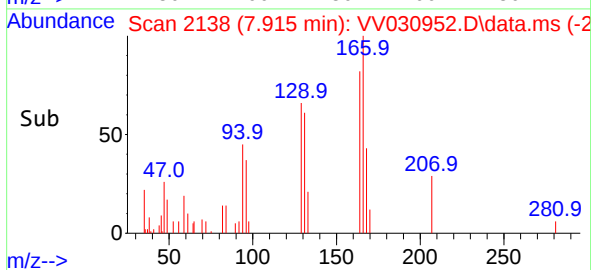
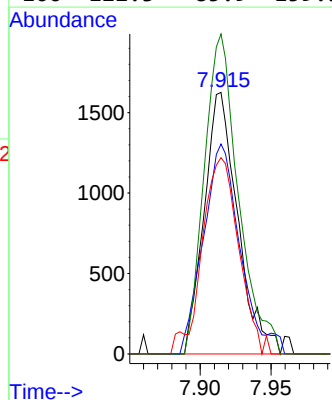
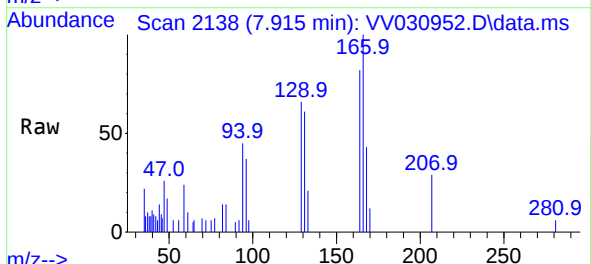
Instrument :
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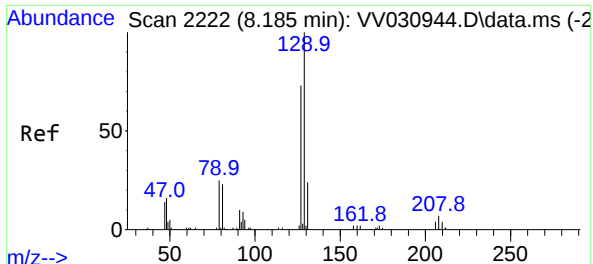
Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.0



#47
Tetrachloroethene
Concen: 0.333 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VV030952.D
Acq: 01 May 2023 13:51

Tgt Ion: 164 Resp: 2677
Ion Ratio Lower Upper
164 100
129 80.3 60.5 112.3
131 75.0 60.8 112.8
166 122.3 85.9 159.5





#49

Dibromochloromethane

Concen: 0.264 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030952.D

Acq: 01 May 2023 13:51

Instrument :

MSVOA_V

ClientSampleId :

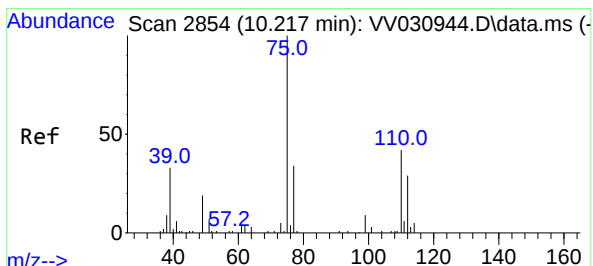
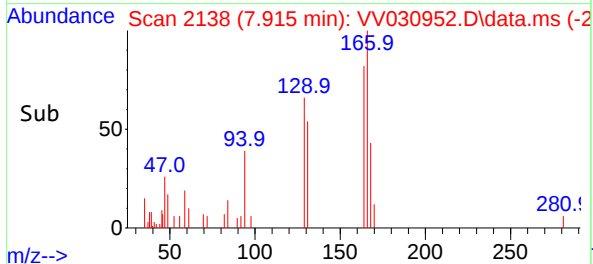
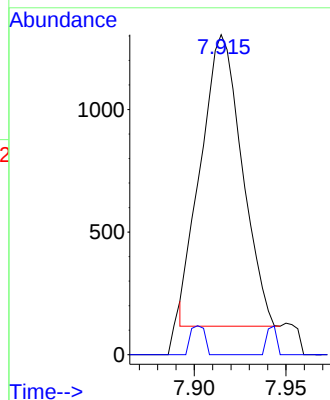
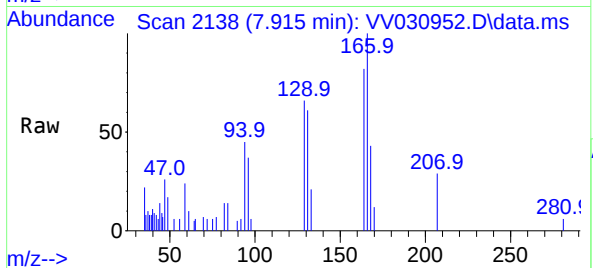
BHE77

Tgt Ion:129 Resp: 1851

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.756 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030952.D

Acq: 01 May 2023 13:51

Tgt Ion: 75 Resp: 7075

Ion Ratio Lower Upper

75 100

77 38.5 25.3 37.9#

110 6.1 34.0 51.0#

