

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030958.D
 Acq On : 01 May 2023 16:13
 Operator : SY/MD
 Sample : 02551-04DL 500X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80DL

Quant Time: May 02 01:34:30 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)

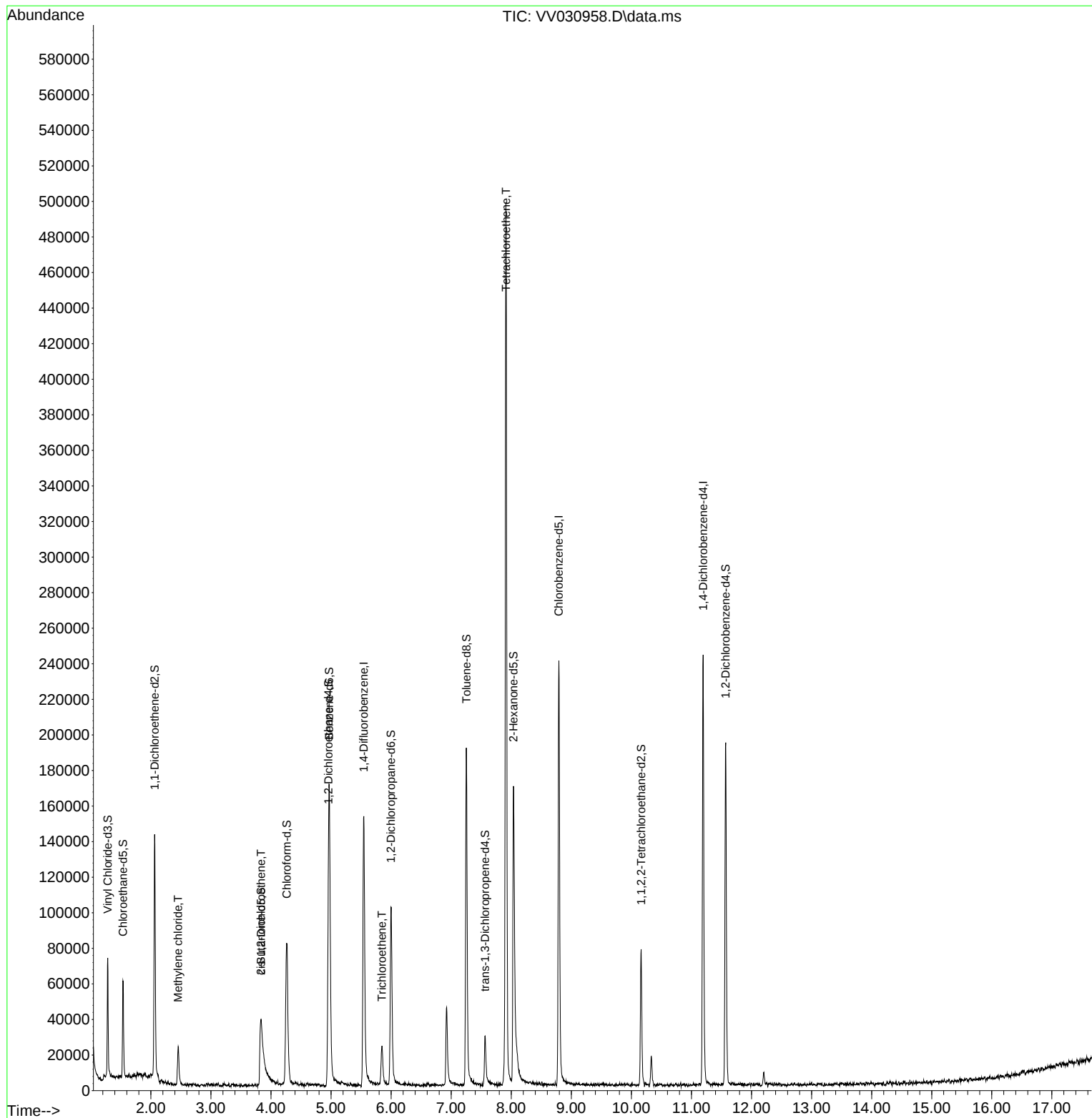
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	131175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43088	3.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.536	69	35569	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.063	65	23994	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.834	46	81467	42.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.020%
24) Chloroform-d	4.262	84	83159	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	4.957	65	45474	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	4.969	84	145075	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.998	67	41567	3.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.252	98	127594	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.564	79	16214	3.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.037	63	60516	41.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.420%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32317	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	51258	4.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						Qvalue
16) Methylene chloride	2.455	84	9453	0.947	ug/L	95
22) cis-1,2-Dichloroethene	3.834	96	4874	0.573	ug/L	88
34) Trichloroethene	5.847	95	6860	0.789	ug/L	91
47) Tetrachloroethene	7.911	164	111463	13.446	ug/L	97

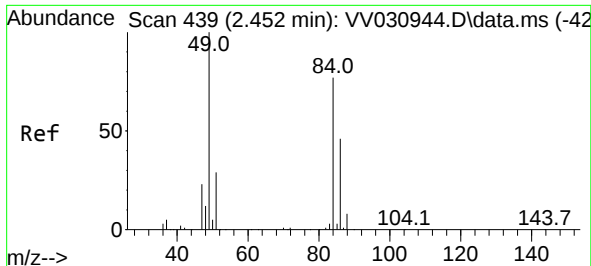
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030958.D
Acq On : 01 May 2023 16:13
Operator : SY/MD
Sample : 02551-04DL 500X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE80DL

Quant Time: May 02 01:34:30 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

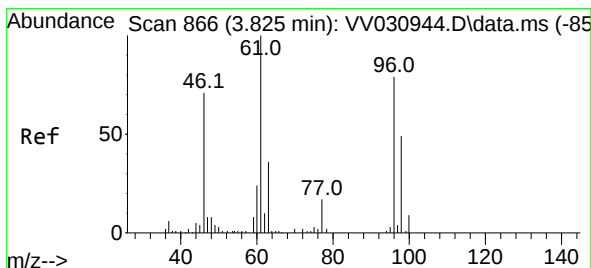
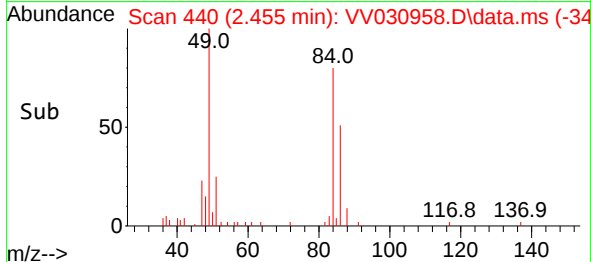
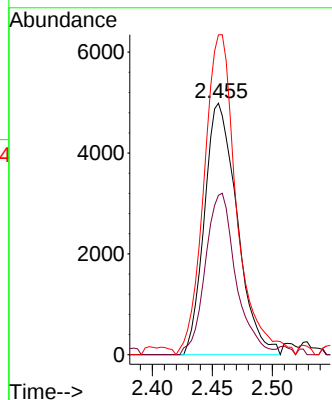
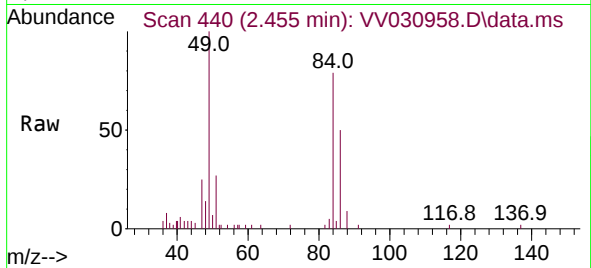




#16
Methylene chloride
Concen: 0.947 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030958.D
Acq: 01 May 2023 16:13

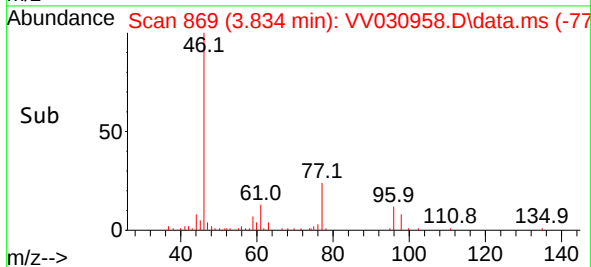
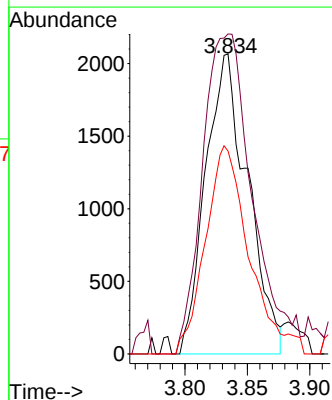
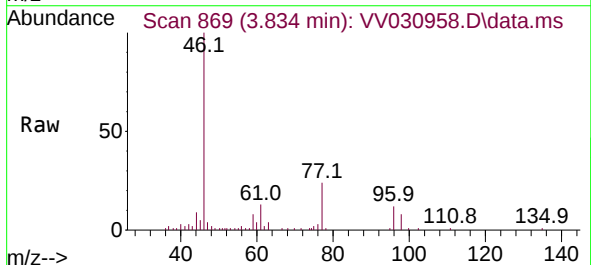
Instrument :
MSVOA_V
ClientSampleId :
BHE80DL

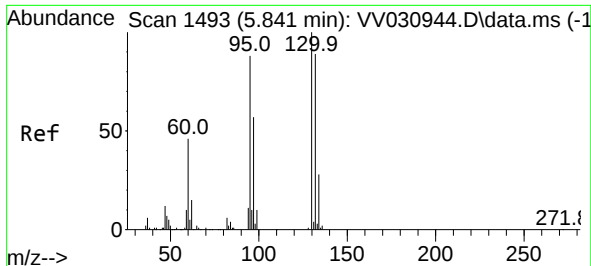
Tgt Ion: 84 Resp: 9453
Ion Ratio Lower Upper
84 100
86 63.3 46.1 85.5
49 127.2 94.3 175.1



#22
cis-1,2-Dichloroethene
Concen: 0.573 ug/L
RT: 3.834 min Scan# 869
Delta R.T. 0.006 min
Lab File: VV030958.D
Acq: 01 May 2023 16:13

Tgt Ion: 96 Resp: 4874
Ion Ratio Lower Upper
96 100
61 106.6 86.0 159.6
98 67.6 43.2 80.2

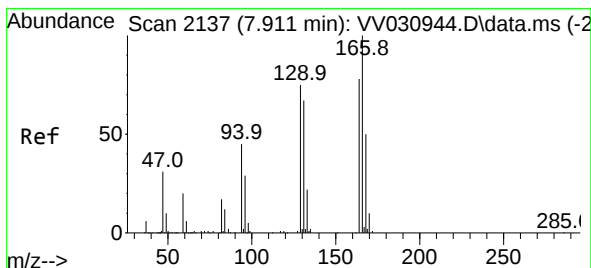
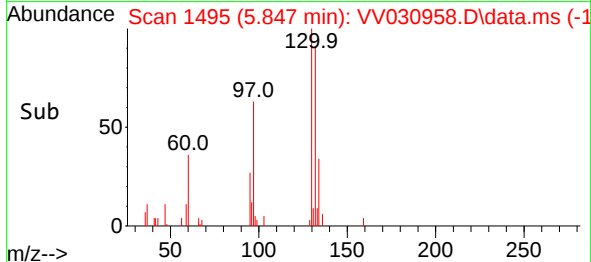
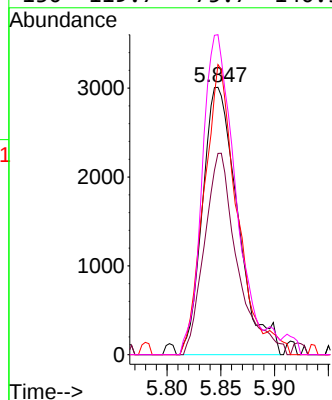
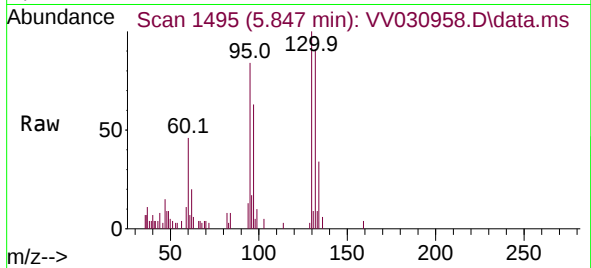




#34
 Trichloroethene
 Concen: 0.789 ug/L
 RT: 5.847 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV030958.D
 Acq: 01 May 2023 16:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80DL

Tgt Ion: 95	Resp: 6860
Ion Ratio	Lower Upper
95 100	
97 75.2	46.2 85.8
132 108.5	72.7 135.1
130 119.7	75.7 140.5



#47
 Tetrachloroethene
 Concen: 13.446 ug/L
 RT: 7.911 min Scan# 2137
 Delta R.T. -0.003 min
 Lab File: VV030958.D
 Acq: 01 May 2023 16:13

Tgt	Ion:164	Resp:	111463
Ion	Ratio	Lower	Upper
164	100		
129	84.3	60.5	112.3
131	81.5	60.8	112.8
166	124.1	85.9	159.5

