

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036055.D
 Acq On : 13 Jun 2024 12:14
 Operator : SY/MD
 Sample : P2850-12
 Misc : 6.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB55

Quant Time: Jun 14 01:17:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

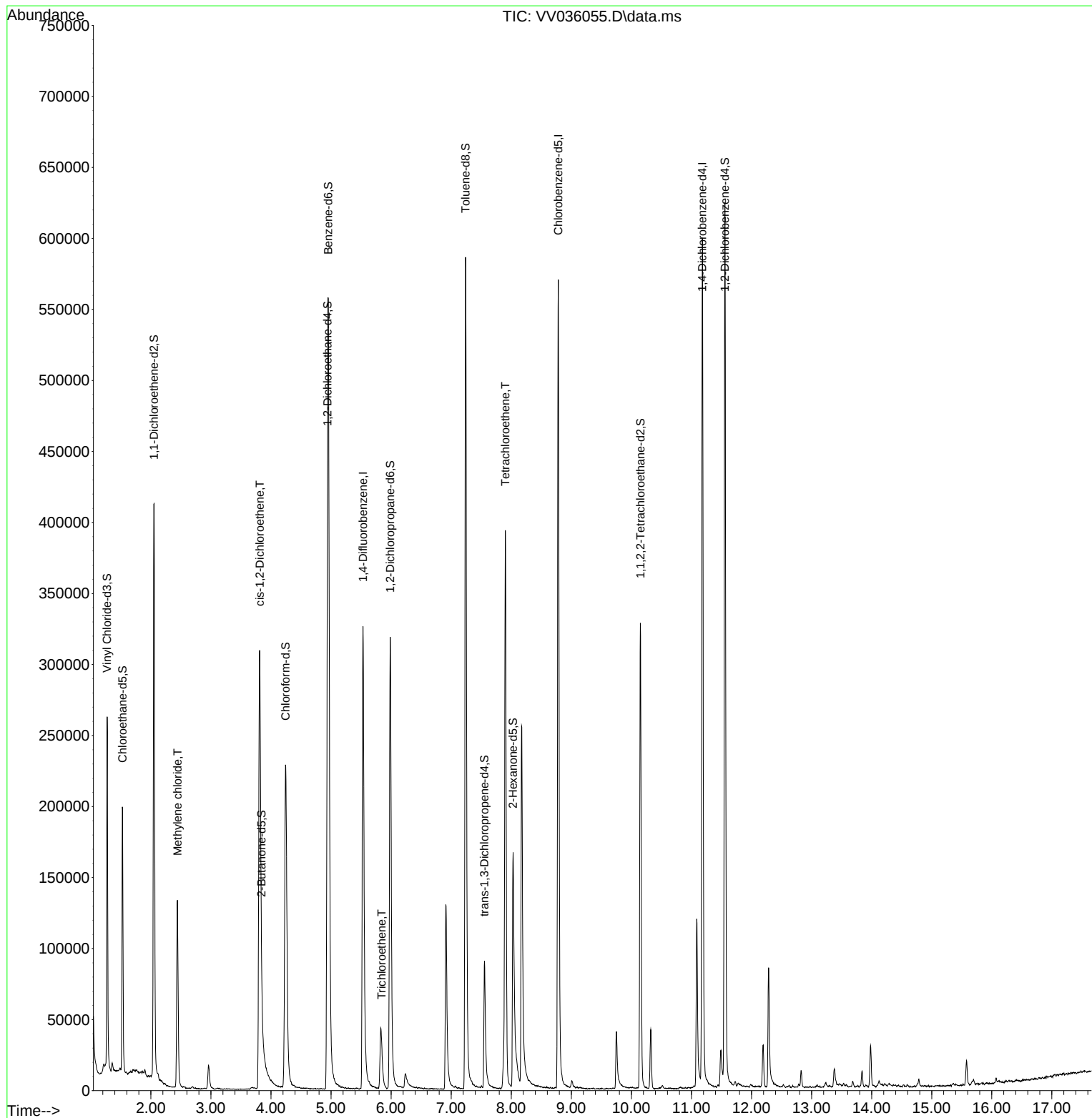
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	289385	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	323910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.181	152	160130	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	163199	30.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.680%	
7) Chloroethane-d5		1.526	69	125776	29.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.600%	
11) 1,1-Dichloroethene-d2		2.050	65	70330	29.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.760%#	
21) 2-Butanone-d5		3.841	46	80725	66.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.260%	
24) Chloroform-d		4.243	84	254137	27.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.480%	
26) 1,2-Dichloroethane-d4		4.941	65	155318	32.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.800%	
32) Benzene-d6		4.953	84	495507	25.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%	
36) 1,2-Dichloropropane-d6		5.985	67	164063	27.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.240%	
41) Toluene-d8		7.239	98	405987	23.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...		7.555	79	58487	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%	
47) 2-Hexanone-d5		8.030	63	67414	82.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.120%#	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	166289	36.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.800%#	
66) 1,2-Dichlorobenzene-d4		11.558	152	163586	27.858	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.440%	
Target Compounds							
16) Methylene chloride		2.442	84	57091	8.719	ug/L	100
20) cis-1,2-Dichloroethene		3.812	96	171795	34.732	ug/L	99
34) Trichloroethene		5.844	95	8978	1.383	ug/L	93
46) Tetrachloroethene		7.902	164	88762	18.692	ug/L	99

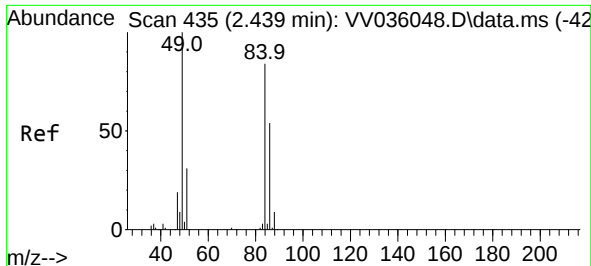
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration

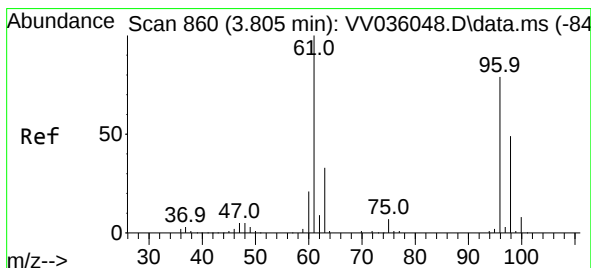
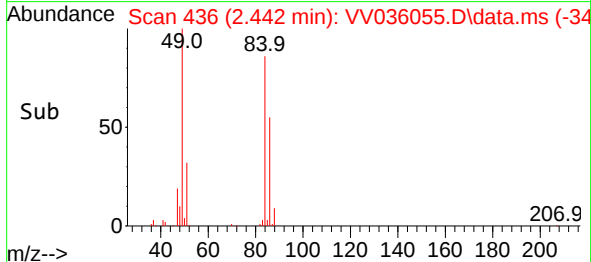
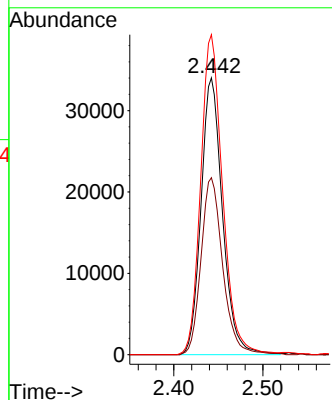
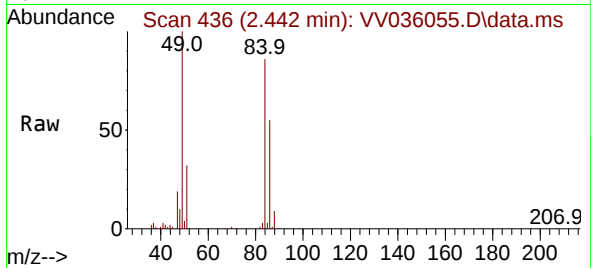




#16
Methylene chloride
Concen: 8.719 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14

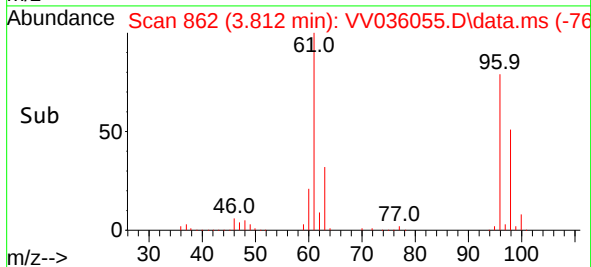
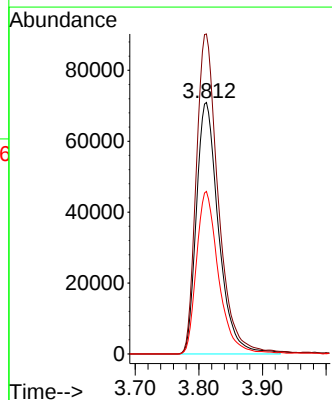
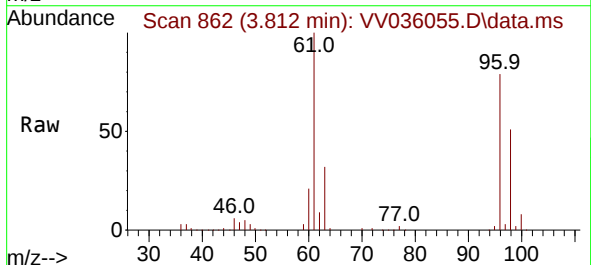
Instrument :
MSVOA_V
ClientSampleId :
BHB55

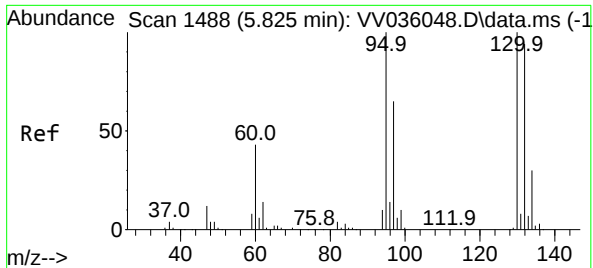
Tgt Ion: 84 Resp: 57091
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 115.6 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 34.732 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14

Tgt Ion: 96 Resp: 171795
Ion Ratio Lower Upper
96 100
61 127.2 87.9 163.3
98 64.6 44.4 82.5





#34

Trichloroethene

Concen: 1.383 ug/L

RT: 5.844 min Scan# 1488

Delta R.T. 0.019 min

Lab File: VV036055.D

Acq: 13 Jun 2024 12:14

Instrument :

MSVOA_V

ClientSampleId :

BHB55

Tgt Ion: 95 Resp: 8978

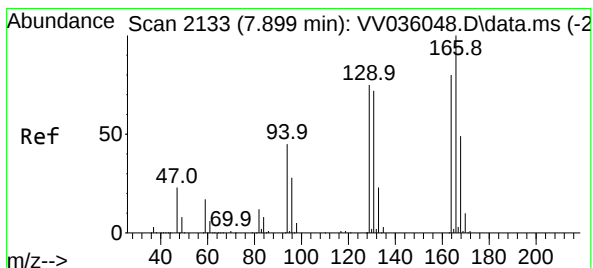
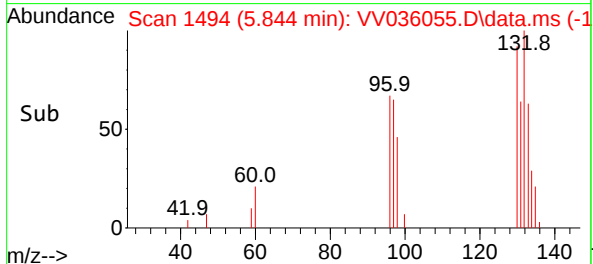
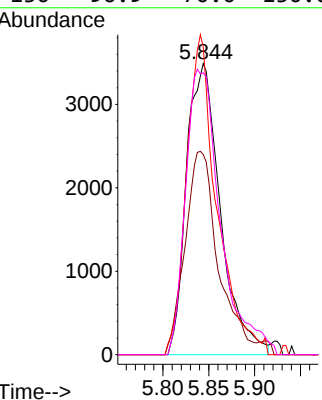
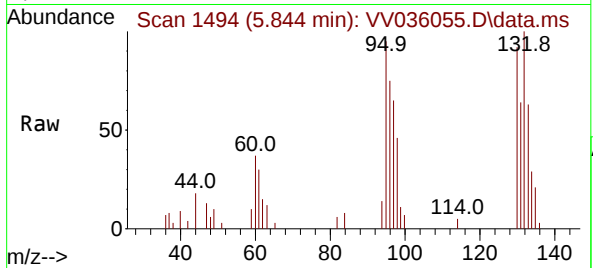
Ion Ratio Lower Upper

95 100

97 68.8 44.8 83.2

132 105.7 66.8 124.2

130 96.9 70.0 130.0



#46

Tetrachloroethene

Concen: 18.692 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036055.D

Acq: 13 Jun 2024 12:14

Tgt Ion:164 Resp: 88762

Ion Ratio Lower Upper

164 100

129 93.7 64.6 120.0

131 89.2 63.2 117.4

166 127.9 89.5 166.3

