

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036175.D
 Acq On : 20 Jun 2024 20:54
 Operator : SY/MD
 Sample : P2960-14
 Misc : 6.11g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB51

Quant Time: Jun 21 05:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

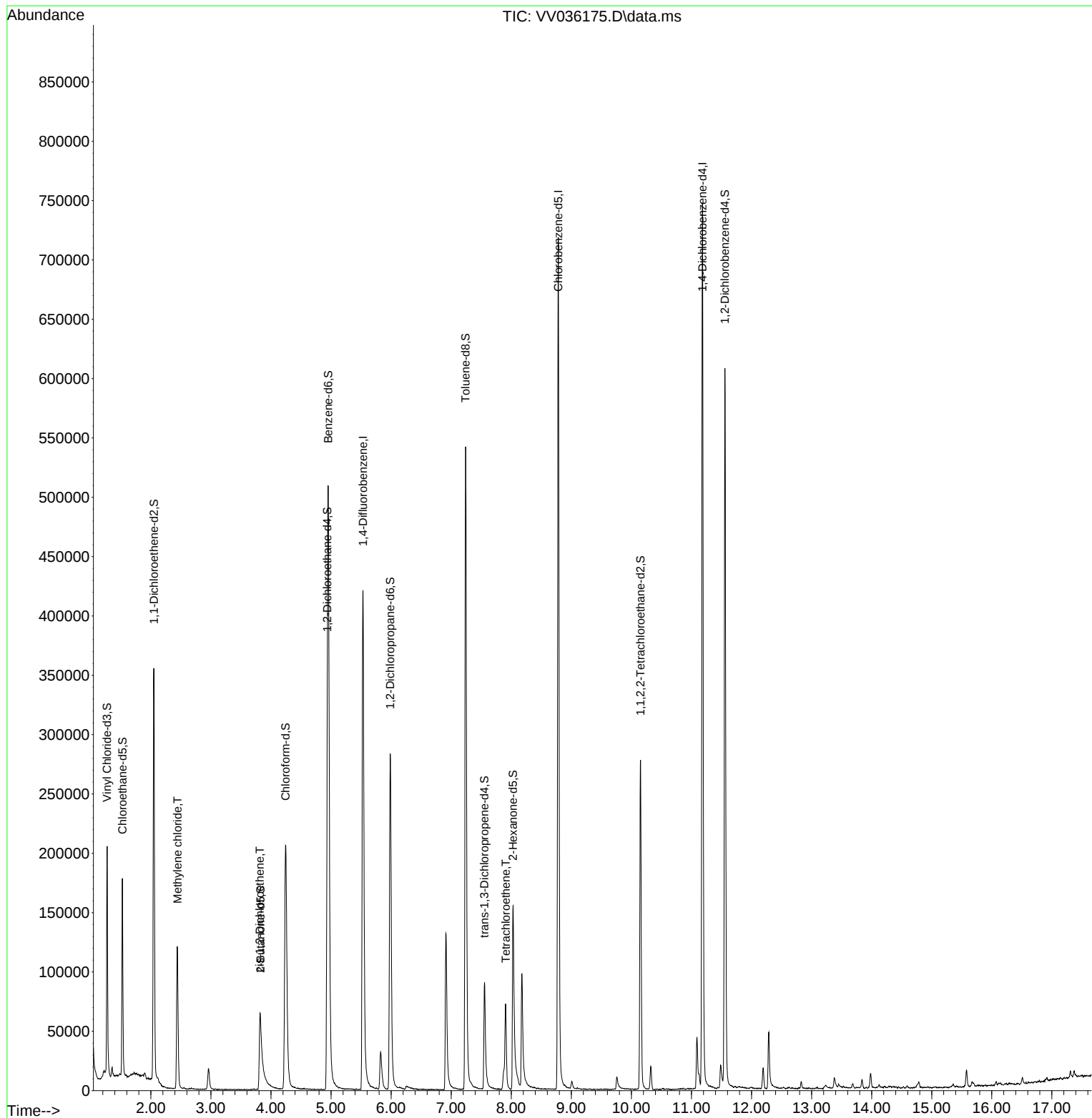
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	373552	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128278	18.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	1.526	69	106369	19.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
11) 1,1-Dichloroethene-d2	2.050	65	59031	19.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	3.825	46	75986	48.223	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.440%
24) Chloroform-d	4.243	84	230458	19.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.640%
26) 1,2-Dichloroethane-d4	4.937	65	138396	22.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	4.953	84	458460	19.538	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.160%
36) 1,2-Dichloropropane-d6	5.986	67	145300	19.663	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.640%
41) Toluene-d8	7.240	98	379927	18.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.555	79	59344	19.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.360%
47) 2-Hexanone-d5	8.030	63	61964	61.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	138434	25.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	154126	21.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	52882	6.256	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	21391	3.350	ug/L	99
46) Tetrachloroethene	7.908	164	16583	2.865	ug/L	99

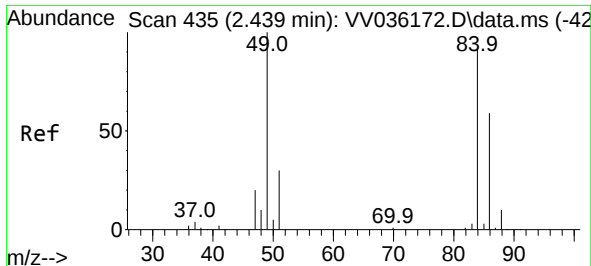
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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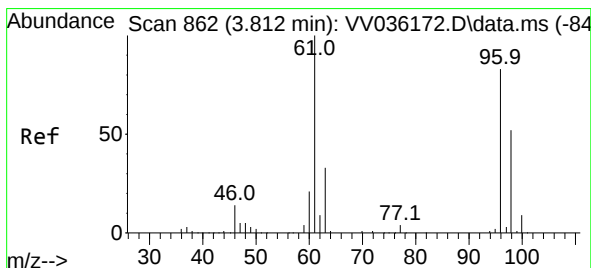
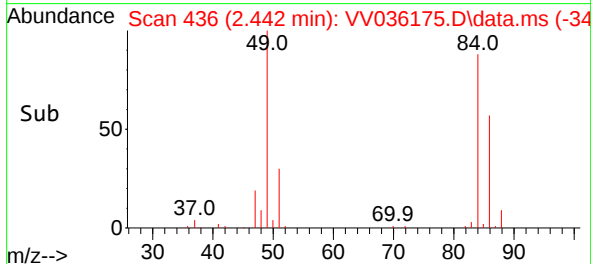
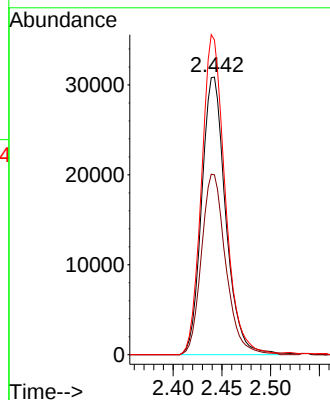
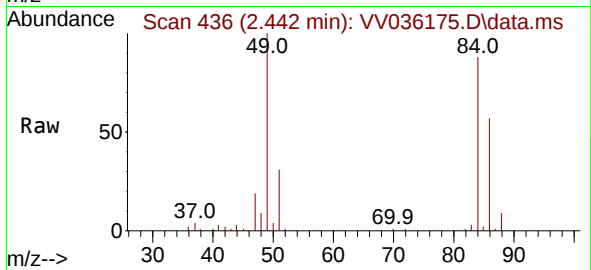




#16
Methylene chloride
Concen: 6.256 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

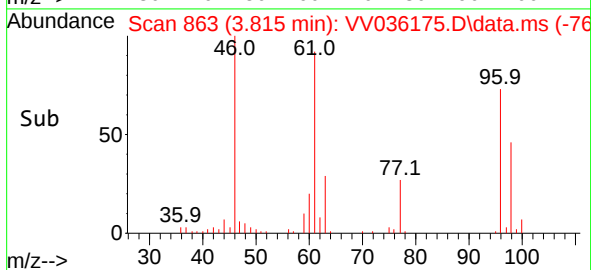
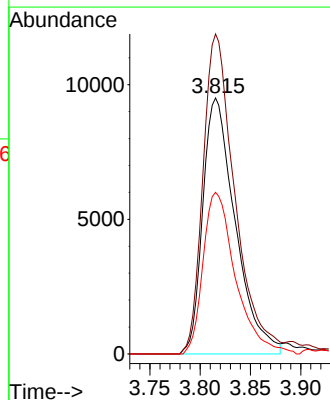
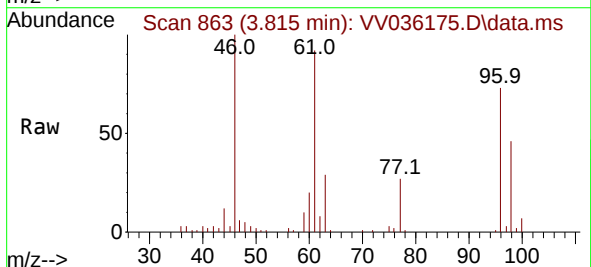
Instrument :
MSVOA_V
ClientSampleId :
BHB51

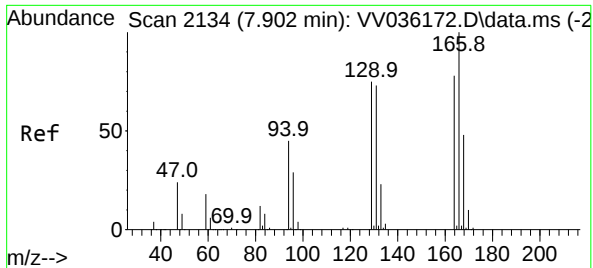
Tgt Ion: 84 Resp: 52882
Ion Ratio Lower Upper
84 100
86 64.8 44.6 82.8
49 113.4 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 3.350 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

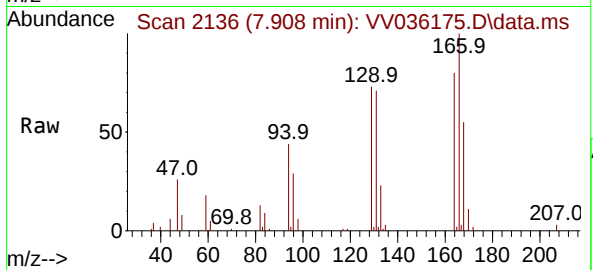
Tgt Ion: 96 Resp: 21391
Ion Ratio Lower Upper
96 100
61 125.0 87.9 163.3
98 63.1 44.4 82.5





#46
 Tetrachloroethene
 Concen: 2.865 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV036175.D
 Acq: 20 Jun 2024 20:54

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Tgt Ion:	164	Resp:	16583
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.6	120.0
131	89.6	63.2	117.4
166	125.6	89.5	166.3

