

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036225.D
 Acq On : 21 Jun 2024 23:23
 Operator : SY/MD
 Sample : P2987-15
 Misc : 4.36g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:01:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

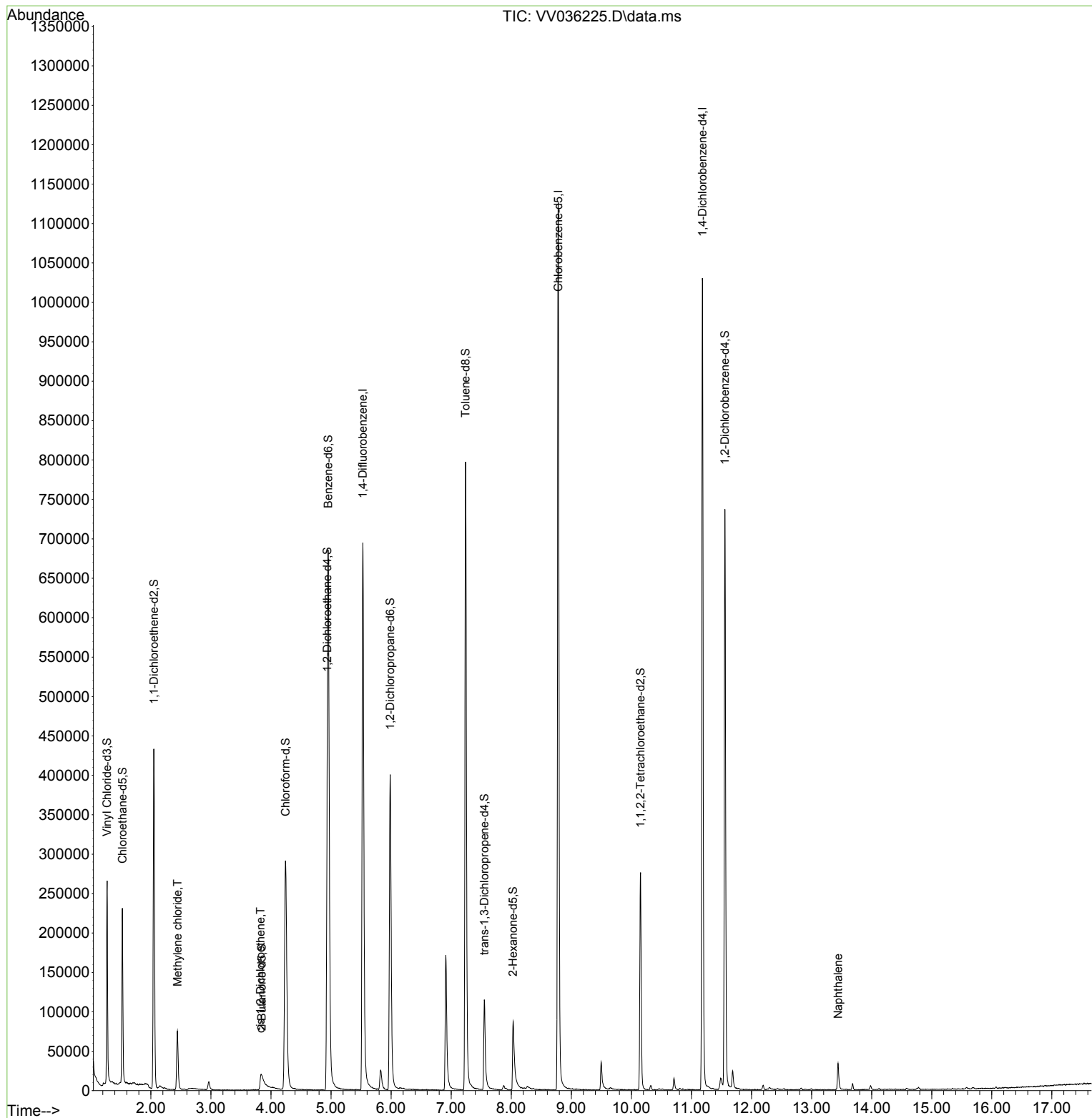
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	610330	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	627935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	269065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	175302	15.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
7) Chloroethane-d5	1.526	69	150281	16.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.050	65	74871	14.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.960%
21) 2-Butanone-d5	3.847	46	36270	14.088	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.180%
24) Chloroform-d	4.243	84	324855	16.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.960%
26) 1,2-Dichloroethane-d4	4.937	65	177147	17.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.640%#
32) Benzene-d6	4.953	84	638855	17.116	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.480%
36) 1,2-Dichloropropane-d6	5.985	67	202154	17.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.800%#
41) Toluene-d8	7.239	98	543740	16.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.040%
43) trans-1,3-Dichloroprop...	7.551	79	71179	14.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.080%
47) 2-Hexanone-d5	8.030	63	35767	22.459	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	136132	15.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	188661	19.121	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.480%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	34052	2.466	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	3490	0.335	ug/L	95
71) Naphthalene	13.442	128	28082	1.612	ug/L	97

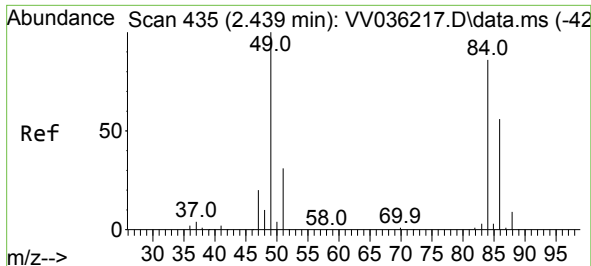
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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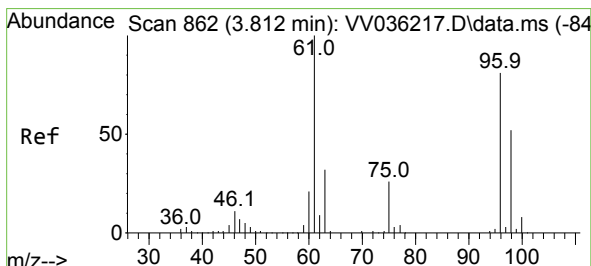
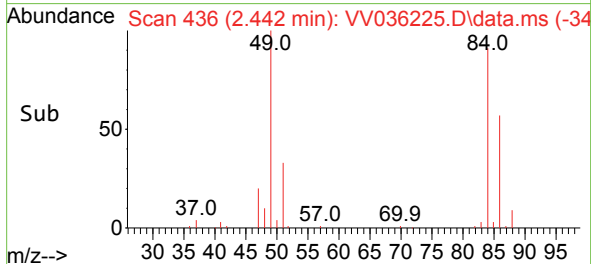
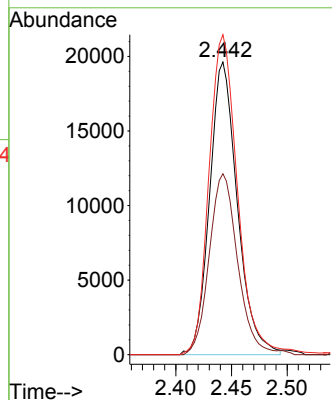
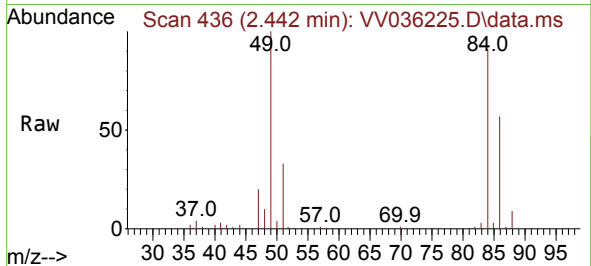




#16
Methylene chloride
Concen: 2.466 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036225.D
Acq: 21 Jun 2024 23:23

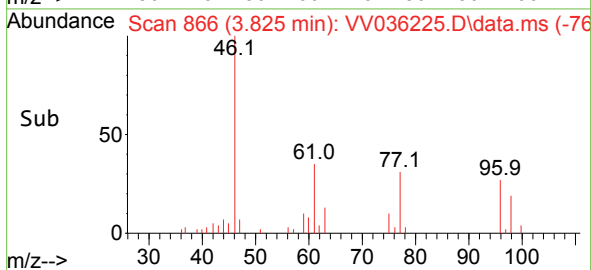
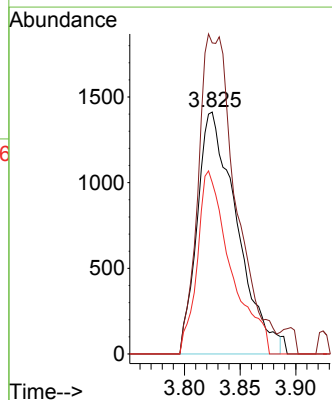
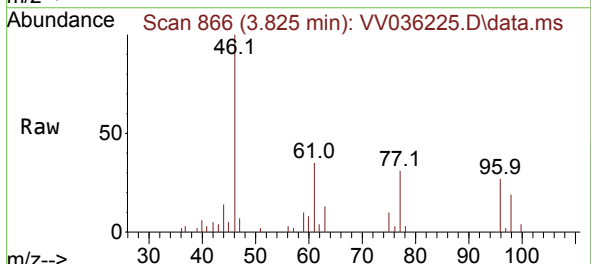
Instrument :
MSVOA_V
ClientSampleId :

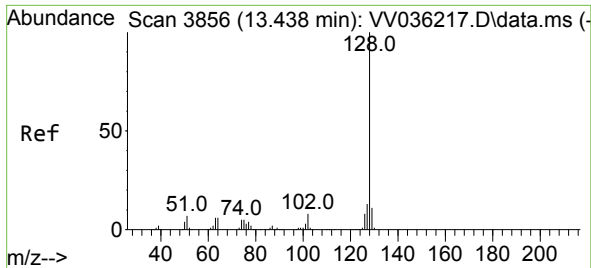
Tgt Ion: 84 Resp: 34052
Ion Ratio Lower Upper
84 100
86 61.8 44.6 82.8
49 109.3 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 0.335 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV036225.D
Acq: 21 Jun 2024 23:23

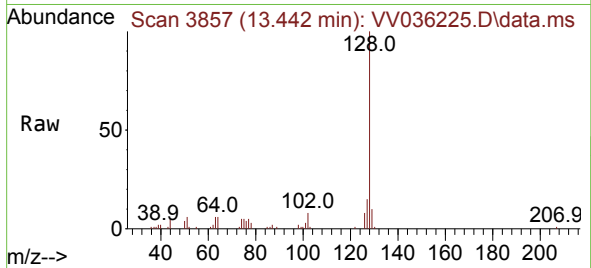
Tgt Ion: 96 Resp: 3490
Ion Ratio Lower Upper
96 100
61 128.6 87.9 163.3
98 70.9 44.4 82.5





#71
Naphthalene
Concen: 1.612 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV036225.D
Acq: 21 Jun 2024 23:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	28082
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	16.0
129	9.5	8.8	13.2

