

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036238.D
 Acq On : 24 Jun 2024 12:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:56:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

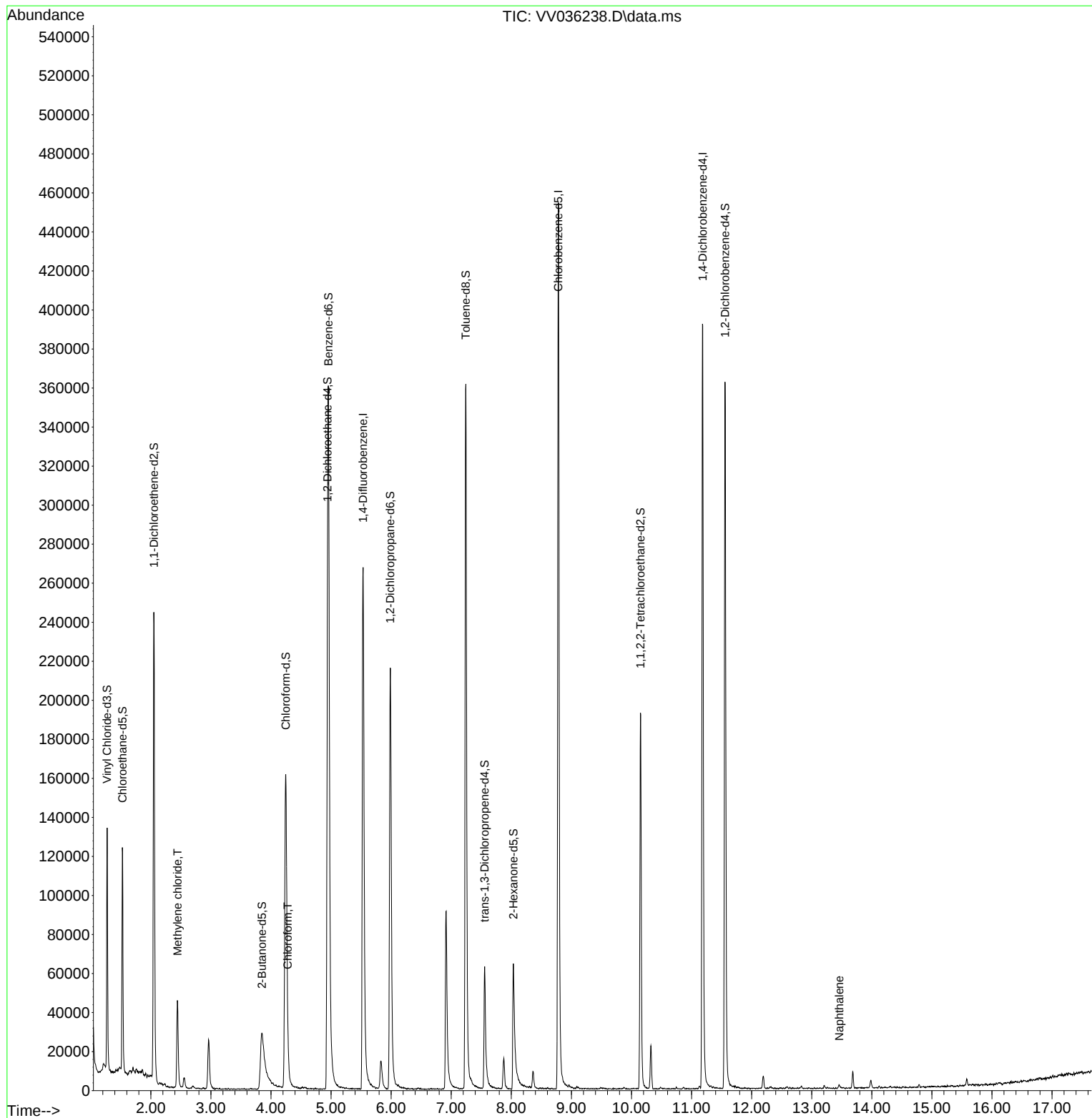
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	241036	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	260661	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	107419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	79413	17.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.680%
7) Chloroethane-d5	1.526	69	76850	21.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.050	65	41436	21.004	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	3.850	46	31083	30.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.140%
24) Chloroform-d	4.246	84	179105	23.372	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	4.940	65	101122	25.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	4.957	84	320818	20.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	5.985	67	111609	22.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	7.243	98	253869	18.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.280%
43) trans-1,3-Dichloroprop...	7.555	79	41178	20.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.320%
47) 2-Hexanone-d5	8.034	63	24691	37.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.700%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97596	26.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	97040	24.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	20056	3.677	ug/L	95
25) Chloroform	4.278	83	5174	0.644	ug/L	96
71) Naphthalene	13.458	128	2087	0.300	ug/L #	90

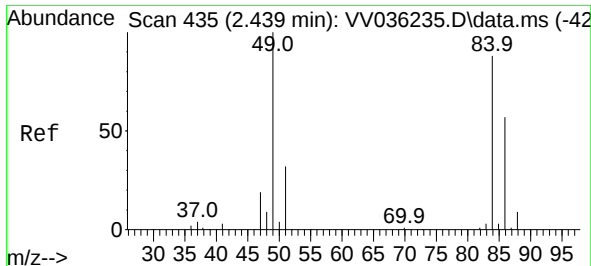
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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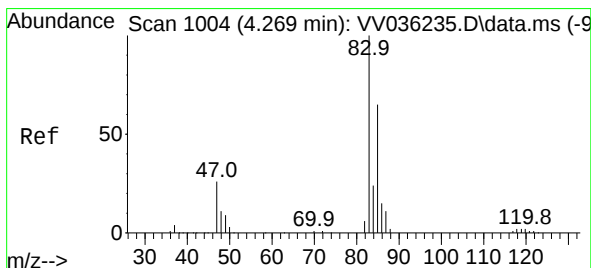
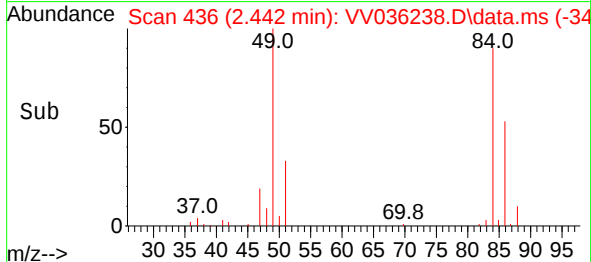
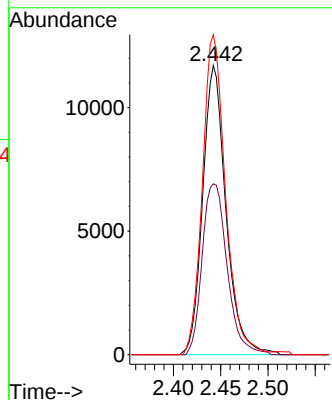
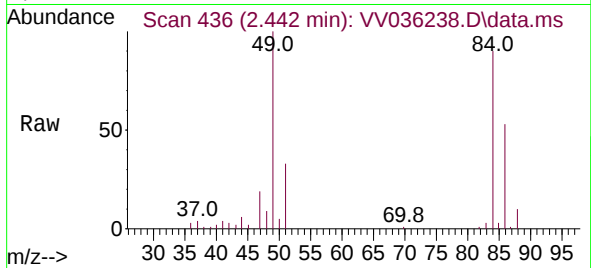




#16
Methylene chloride
Concen: 3.677 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036238.D
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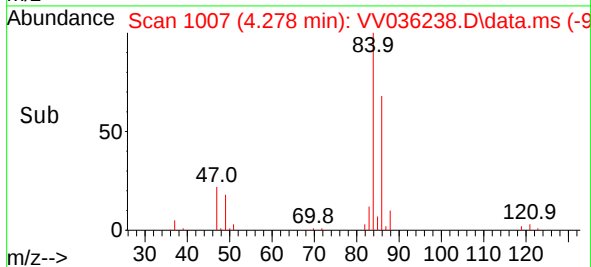
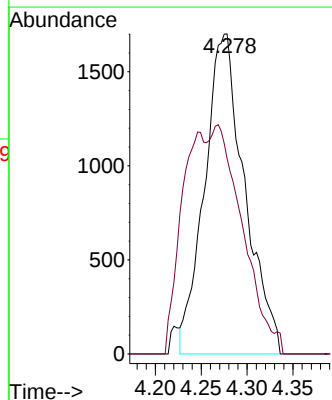
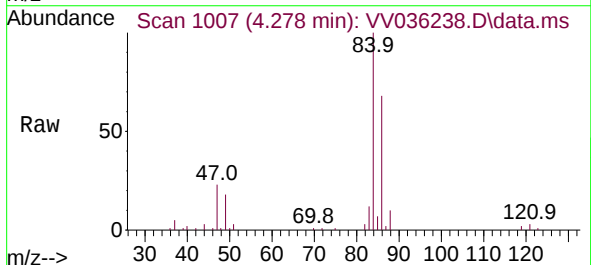
Instrument :
MSVOA_V
ClientSampleId :

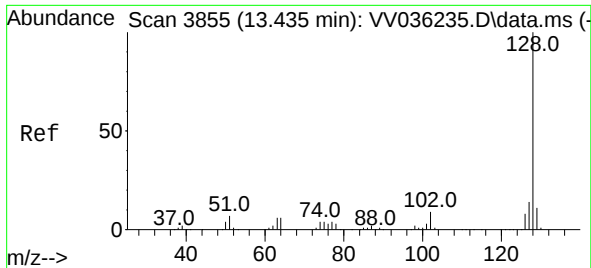
Tgt Ion: 84 Resp: 20056
Ion Ratio Lower Upper
84 100
86 59.1 44.6 82.8
49 110.6 81.1 150.5



#25
Chloroform
Concen: 0.644 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV036238.D
Acq: 24 Jun 2024 12:03

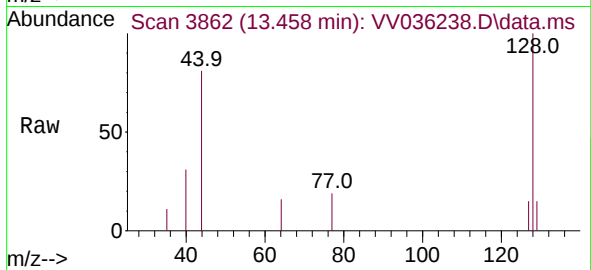
Tgt Ion: 83 Resp: 5174
Ion Ratio Lower Upper
83 100
85 61.1 45.2 84.0





#71
Naphthalene
Concen: 0.300 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.022 min
Lab File: VV036238.D
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MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2087
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 3.8 8.8 13.2#

