

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036113.D
 Acq On : 18 Jun 2024 12:18
 Operator : SY/MD
 Sample : P2909-04
 Misc : 4.84g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:28:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

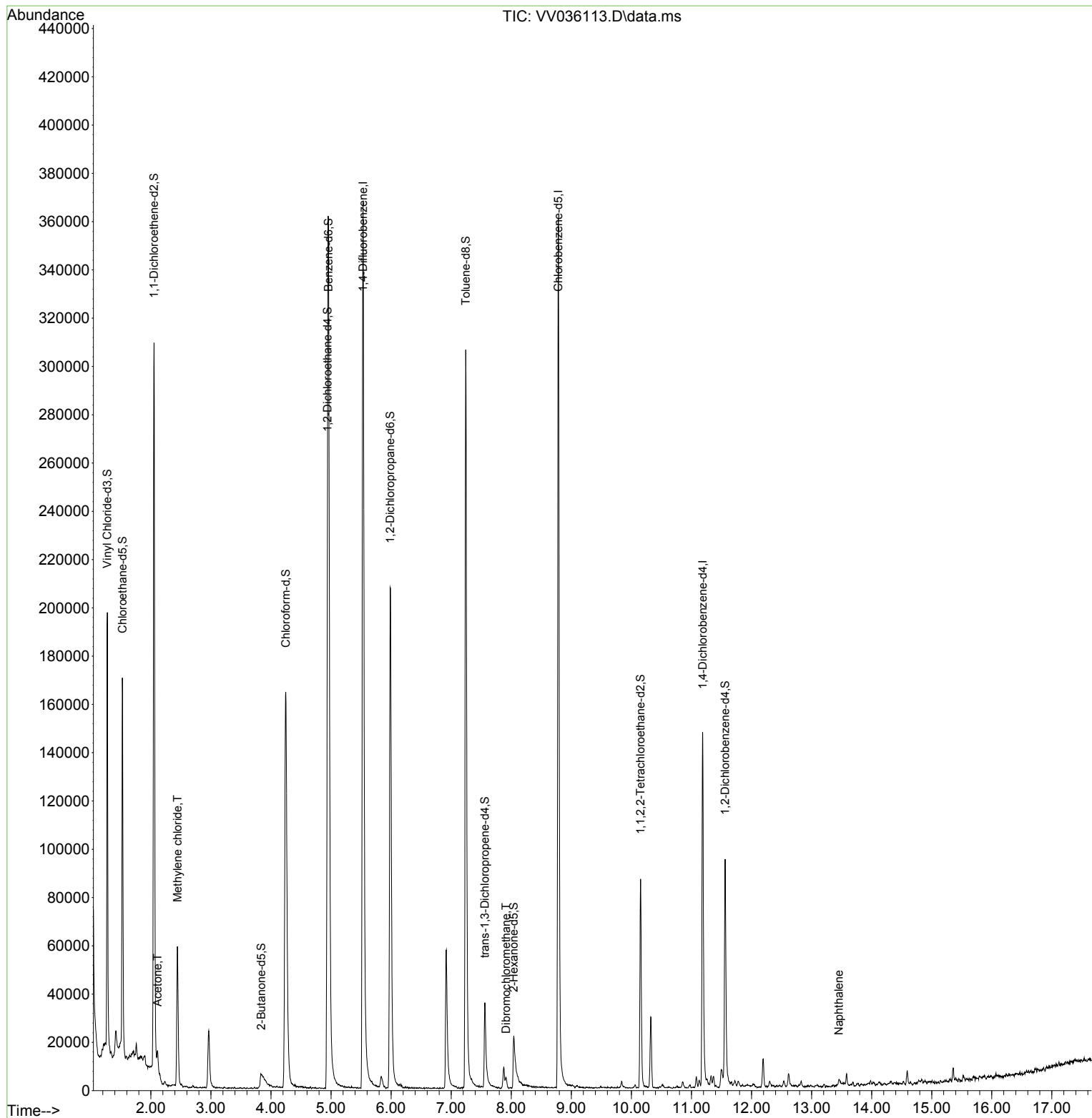
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	321825	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	205973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	117853	19.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.680%		
7) Chloroethane-d5	1.526	69	103383	21.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.640%		
11) 1,1-Dichloroethene-d2	2.053	65	51953	19.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.880%		
21) 2-Butanone-d5	3.838	46	4858	3.579	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	7.160%#		
24) Chloroform-d	4.246	84	182316	17.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.280%		
26) 1,2-Dichloroethane-d4	4.940	65	85953	16.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	64.080%#		
32) Benzene-d6	4.956	84	332164	27.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.520%		
36) 1,2-Dichloropropane-d6	5.985	67	105482	27.358	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.440%		
41) Toluene-d8	7.243	98	217904	20.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.680%		
43) trans-1,3-Dichloroprop...	7.561	79	23994	15.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.720%		
47) 2-Hexanone-d5	8.040	63	8523	16.316	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.640%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	44630	15.490	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	61.960%		
66) 1,2-Dichlorobenzene-d4	11.561	152	25147	16.983	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.920%#		
Target Compounds					Qvalue	
13) Acetone	2.111	43	5104	2.414	ug/L #	32
16) Methylene chloride	2.442	84	24123	3.313	ug/L	94
49) Dibromochloromethane	7.915	129	1140	0.356	ug/L #	11
71) Naphthalene	13.454	128	2211	0.846	ug/L #	78

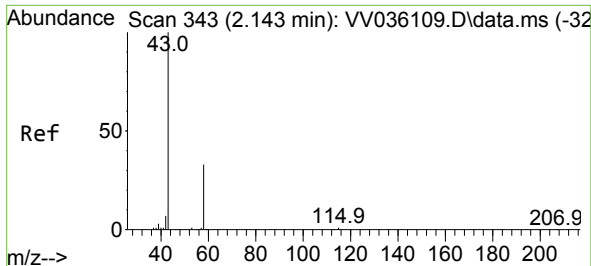
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.414 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV036113.D

Acq: 18 Jun 2024 12:18

Instrument :

MSVOA_V

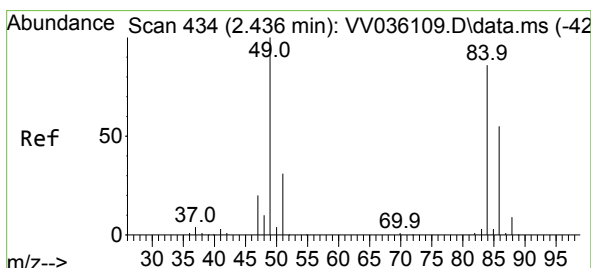
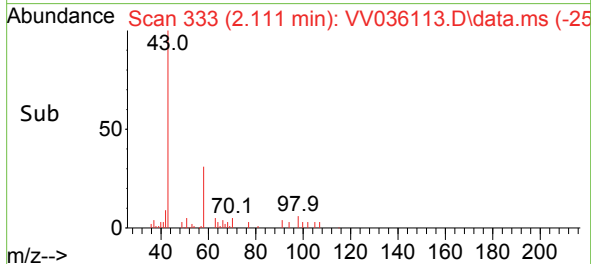
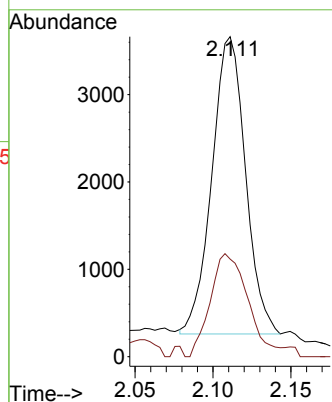
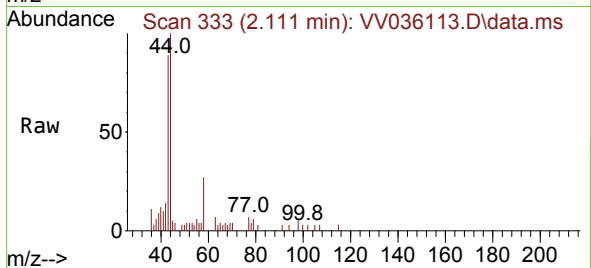
ClientSampleId :

Tgt Ion: 43 Resp: 5104

Ion Ratio Lower Upper

43 100

58 38.8 0.0 24.2#



#16

Methylene chloride

Concen: 3.313 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.006 min

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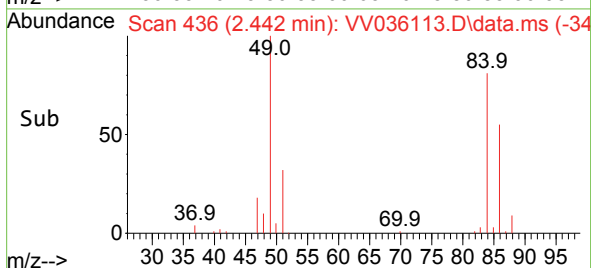
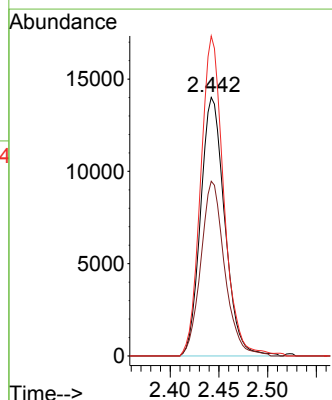
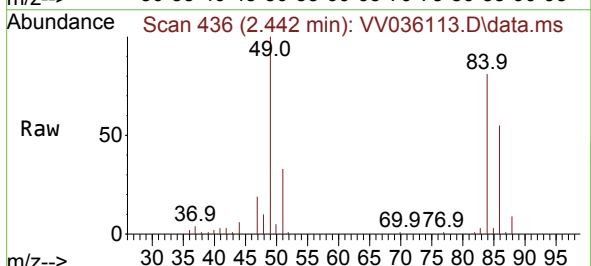
Tgt Ion: 84 Resp: 24123

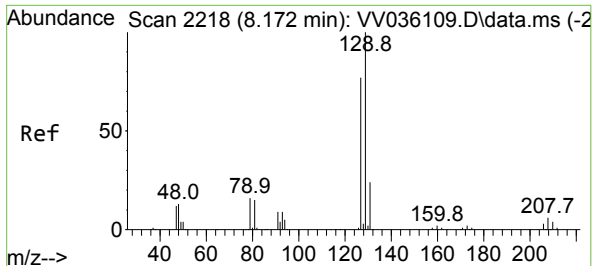
Ion Ratio Lower Upper

84 100

86 67.5 44.6 82.8

49 123.7 81.1 150.5





#49

Dibromochloromethane

Concen: 0.356 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.257 min

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Instrument :

MSVOA_V

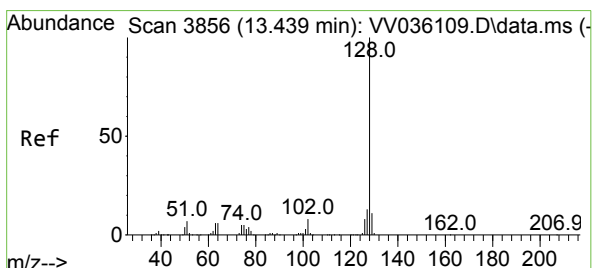
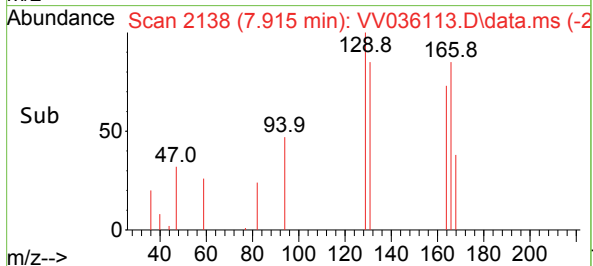
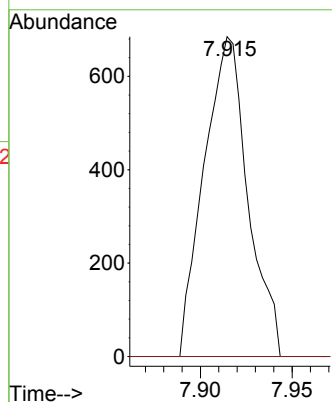
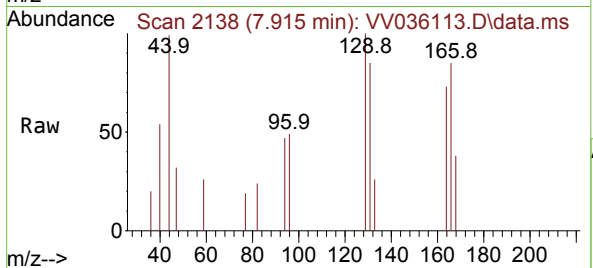
ClientSampleId :

Tgt Ion:129 Resp: 1140

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#71

Naphthalene

Concen: 0.846 ug/L

RT: 13.454 min Scan# 3861

Delta R.T. 0.016 min

Lab File: VV036113.D

Acq: 18 Jun 2024 12:18

Tgt Ion:128 Resp: 2211

Ion Ratio Lower Upper

128 100

127 5.1 10.6 16.0#

129 1.9 8.8 13.2#

