

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035639.D
 Acq On : 21 May 2024 15:42
 Operator : SY/MD
 Sample : P2547-01
 Misc : 4.47g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:36:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

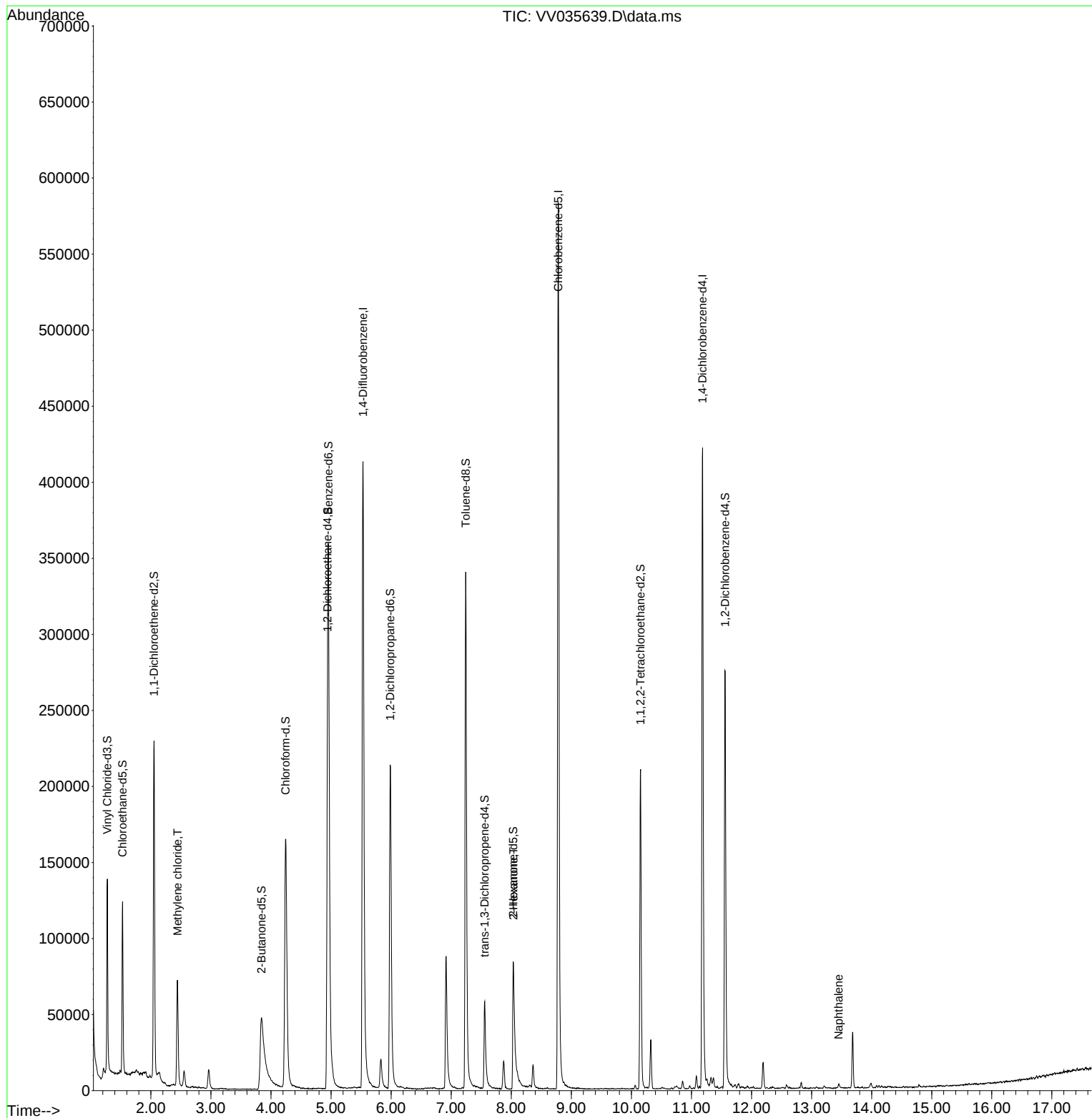
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381497	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	119047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81694	13.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.400%
7) Chloroethane-d5	1.529	69	73843	15.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.080%
11) 1,1-Dichloroethene-d2	2.053	65	37403	14.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.320%
21) 2-Butanone-d5	3.841	46	16019	9.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.140%#
24) Chloroform-d	4.243	84	186914	16.480	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.920%
26) 1,2-Dichloroethane-d4	4.941	65	104739	18.680	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.720%
32) Benzene-d6	4.957	84	325670	17.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.760%
36) 1,2-Dichloropropane-d6	5.986	67	113348	19.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.680%
41) Toluene-d8	7.243	98	243626	14.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.640%
43) trans-1,3-Dichloroprop...	7.558	79	37568	15.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.960%
47) 2-Hexanone-d5	8.034	63	33381	32.208	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.420%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107126	19.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.160%
66) 1,2-Dichlorobenzene-d4	11.561	152	75969	18.388	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.560%#
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	30970	3.520	ug/L	96
48) 2-Hexanone	8.037	43	4459	1.685	ug/L #	65
71) Naphthalene	13.451	128	2873	0.301	ug/L #	87

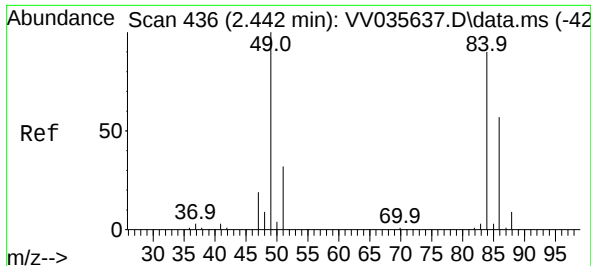
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSV0A_V
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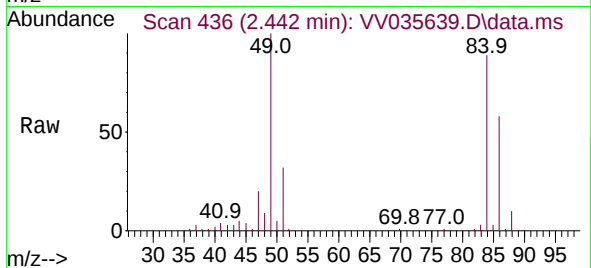
Quant Time: May 22 02:36:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
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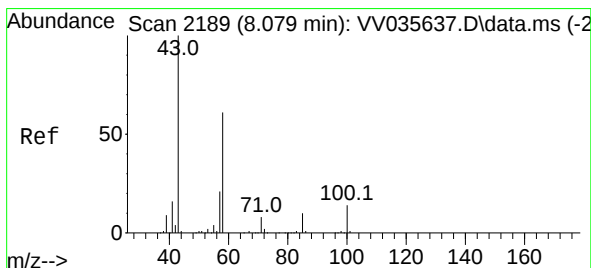
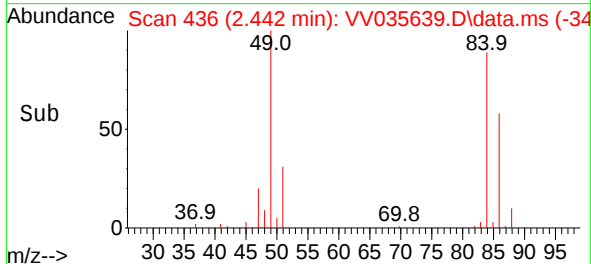
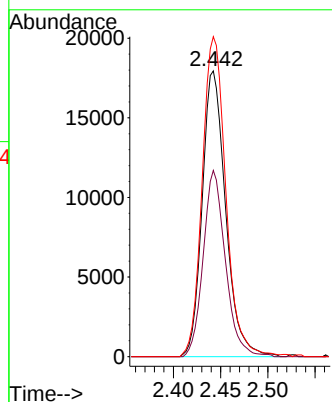


#16
Methylene chloride
Concen: 3.520 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035639.D
Acq: 21 May 2024 15:42

Instrument :
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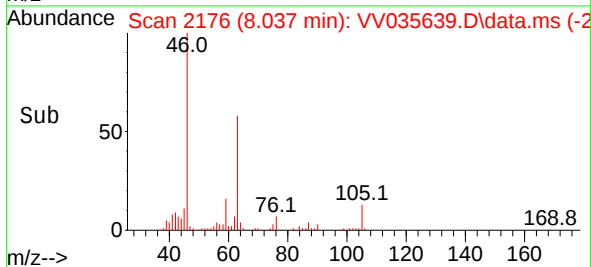
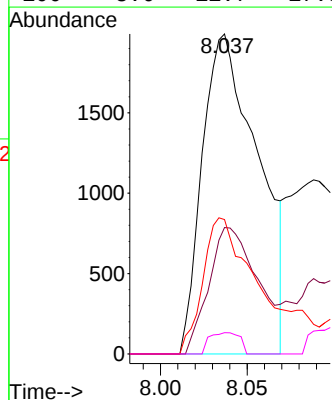
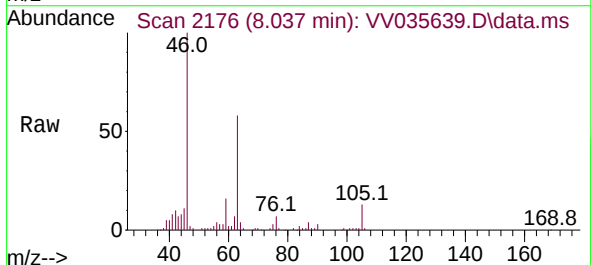


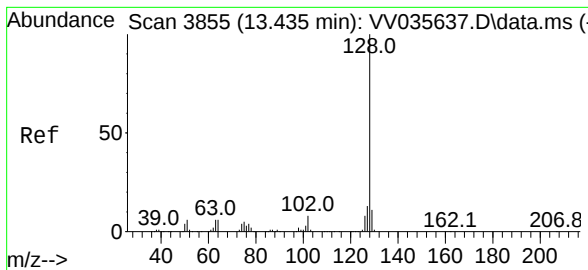
Tgt Ion: 84 Resp: 30970
Ion Ratio Lower Upper
84 100
86 65.2 43.8 81.3
49 112.0 75.3 139.9



#48
2-Hexanone
Concen: 1.685 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.042 min
Lab File: VV035639.D
Acq: 21 May 2024 15:42

Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
58 34.1 48.8 73.2#
57 40.4 16.9 25.3#
100 3.6 11.7 17.5#





#71

Naphthalene

Concen: 0.301 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

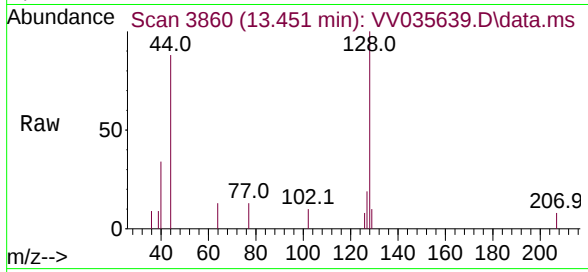
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Instrument :

MSVOA_V

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Tgt Ion:128 Resp: 2873

Ion Ratio Lower Upper

128 100

127 10.6 10.4 15.6

129 2.5 8.6 13.0#

