

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036076.D
 Acq On : 13 Jun 2024 21:49
 Operator : SY/MD
 Sample : P2856-09
 Misc : 4.32g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:09:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

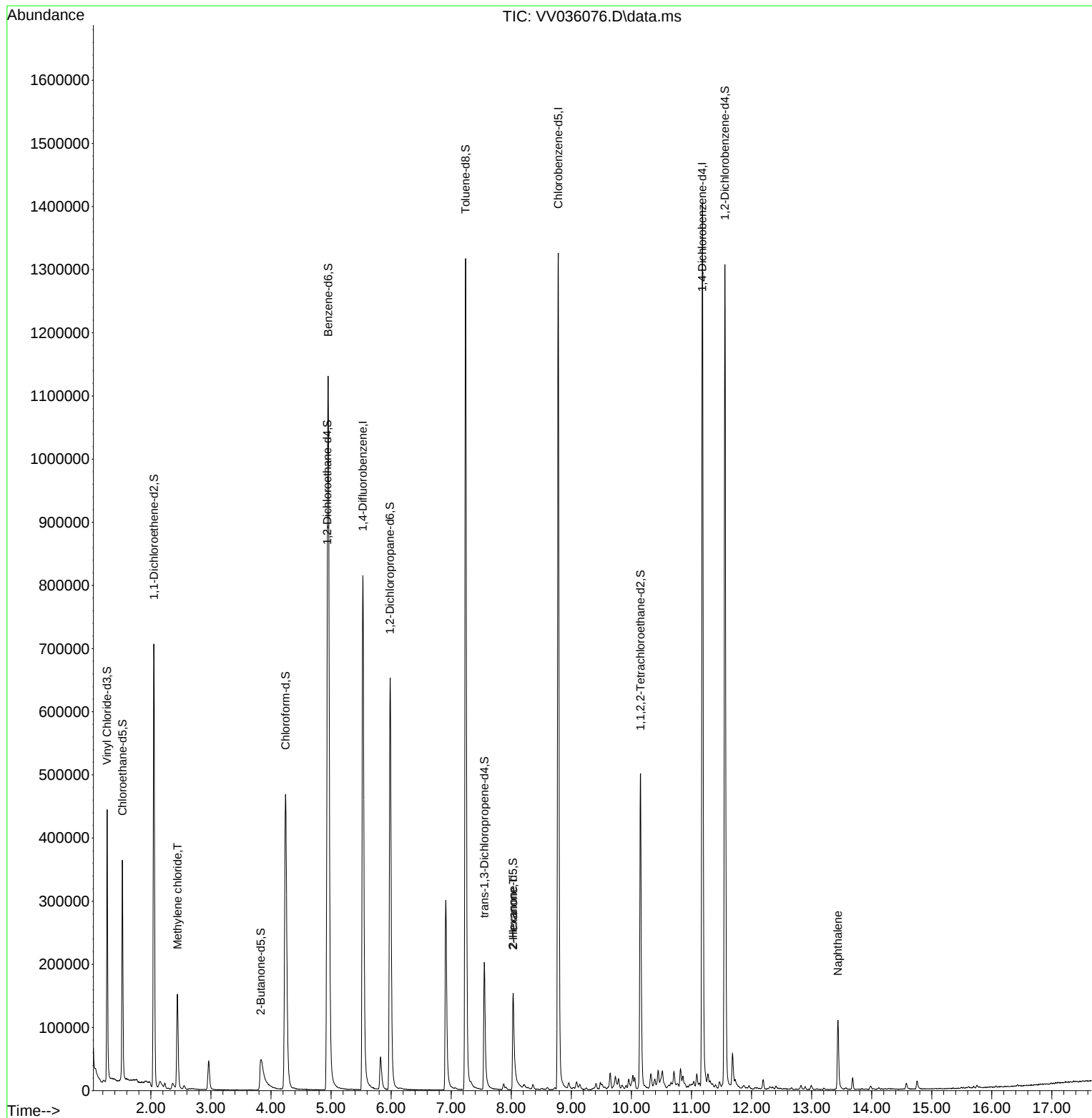
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	722840	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	752070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	365981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	293021	22.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
7) Chloroethane-d5	1.526	69	236977	22.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
11) 1,1-Dichloroethene-d2	2.050	65	122483	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	3.831	46	85635	28.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.180%
24) Chloroform-d	4.243	84	522825	22.751	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.937	65	295701	24.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	4.953	84	1048777	23.460	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	5.982	67	342777	24.348	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	7.239	98	903804	22.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	7.551	79	128423	22.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	8.030	63	59572	31.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.460%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	241006	22.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	338306	25.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	68748	4.203	ug/L	98
48) 2-Hexanone	8.034	43	7200	1.312	ug/L #	74
71) Naphthalene	13.439	128	92213	3.891	ug/L	98

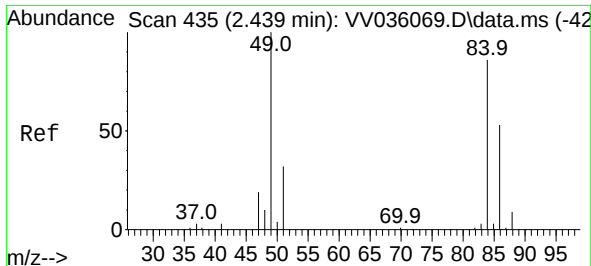
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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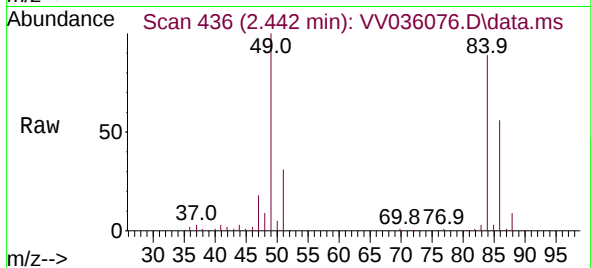
Quant Time: Jun 14 03:09:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
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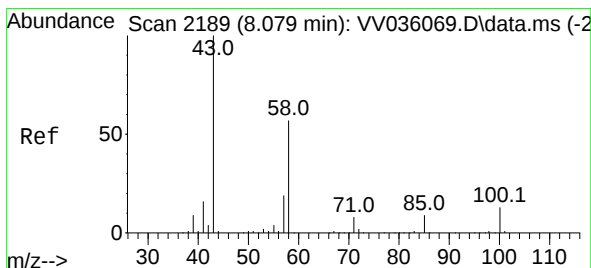
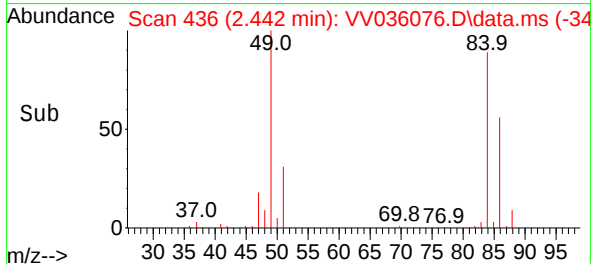
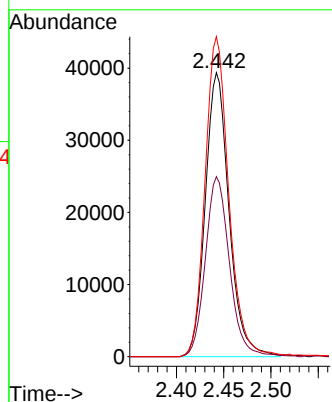
#16
Methylene chloride
Concen: 4.203 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036076.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 68748

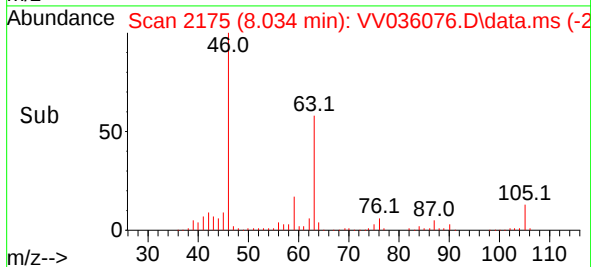
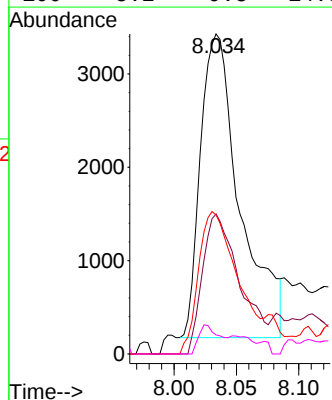
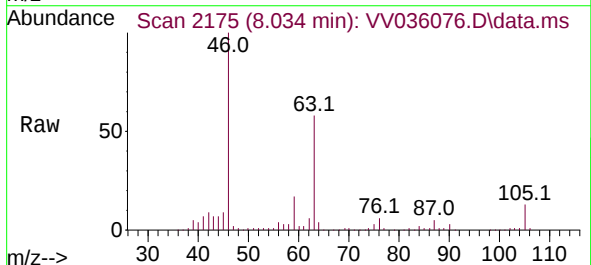
Ion	Ratio	Lower	Upper
84	100		
86	63.4	44.6	82.8
49	112.7	81.1	150.5

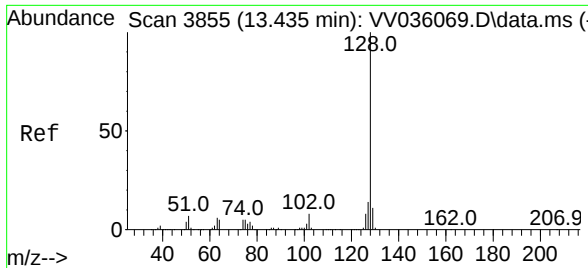


#48
2-Hexanone
Concen: 1.312 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036076.D
Acq: 13 Jun 2024 21:49

Tgt Ion: 43 Resp: 7200

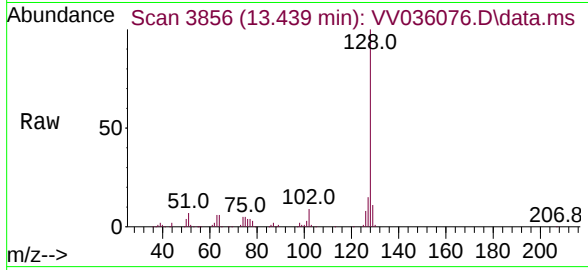
Ion	Ratio	Lower	Upper
43	100		
58	44.2	45.4	68.0#
57	45.9	15.8	23.8#
100	5.2	9.8	14.8#





#71
Naphthalene
Concen: 3.891 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
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Tgt Ion:	128	Resp:	92213
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.6	16.0
129	11.5	8.8	13.2

