

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036095.D
 Acq On : 17 Jun 2024 11:00
 Operator : SY/MD
 Sample : VV0617SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:10:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

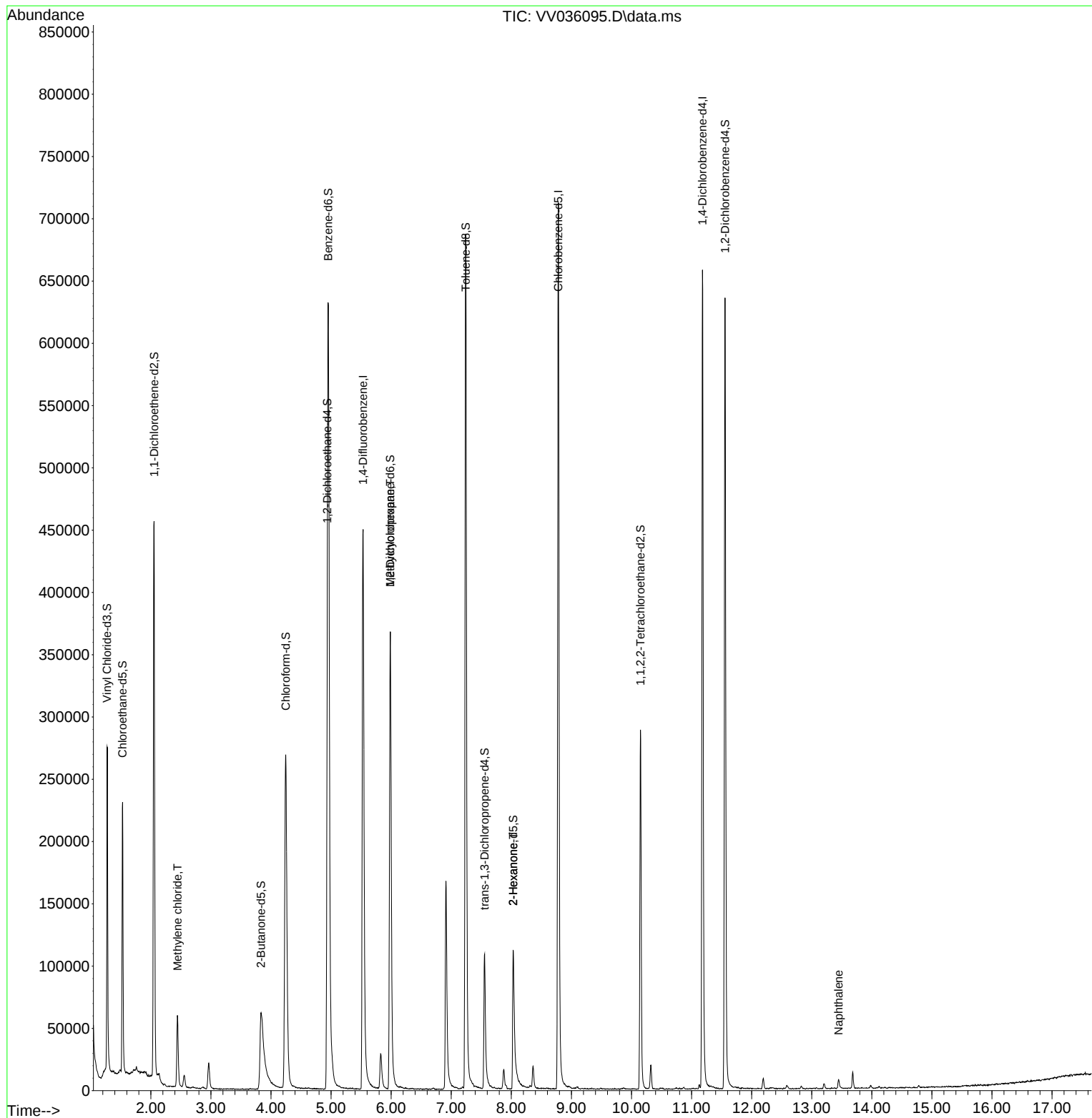
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395978	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	407002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	175895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	172429	23.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
7) Chloroethane-d5	1.529	69	142526	24.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.053	65	77652	23.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.840%
21) 2-Butanone-d5	3.835	46	64956	38.889	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.780%
24) Chloroform-d	4.246	84	299578	23.797	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.937	65	165426	25.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.240%
32) Benzene-d6	4.953	84	572574	23.667	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	5.986	67	185894	24.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	7.240	98	476249	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	7.555	79	71536	22.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.600%
47) 2-Hexanone-d5	8.031	63	43306	41.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	143899	25.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	167795	26.014	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	24542	2.739	ug/L	98
35) Methylcyclohexane	5.986	83	45411	4.025	ug/L #	19
48) 2-Hexanone	8.031	43	5573	1.877	ug/L #	52
71) Naphthalene	13.448	128	7454	0.654	ug/L #	95

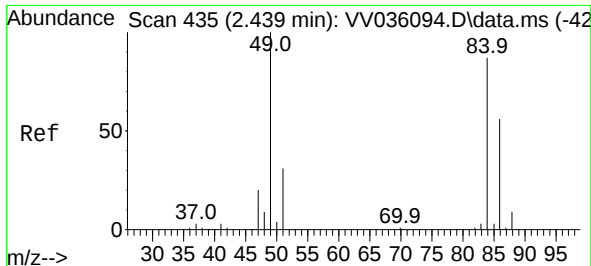
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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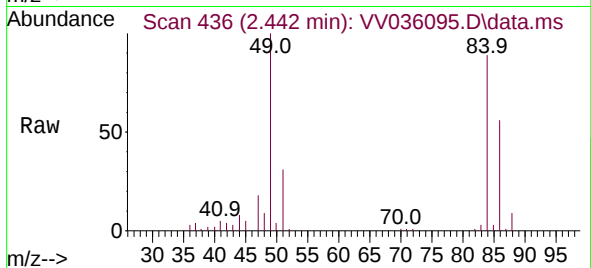
Quant Time: Jun 18 02:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:10:19 2024
Response via : Initial Calibration



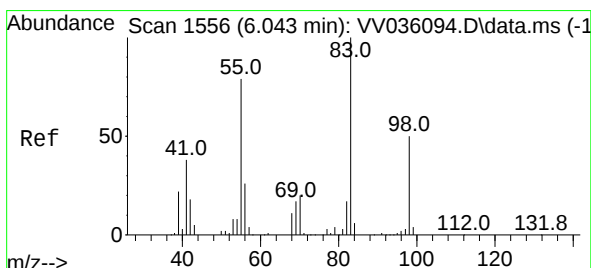
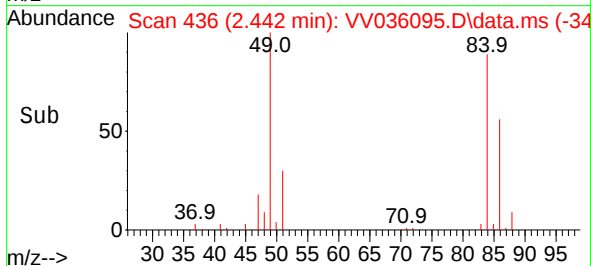
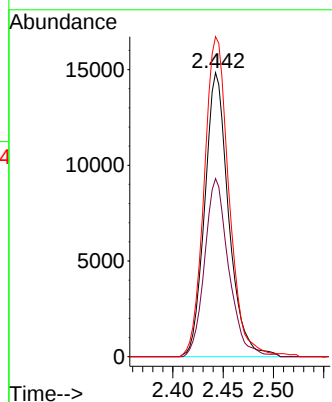


#16
Methylene chloride
Concen: 2.739 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036095.D
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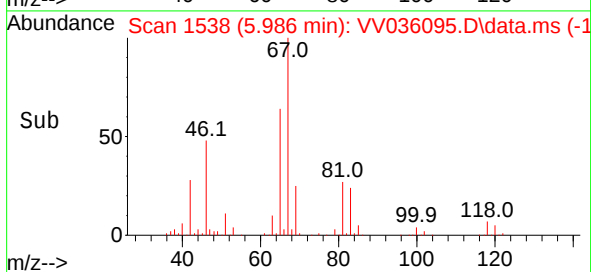
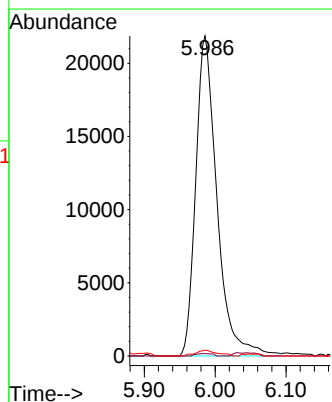
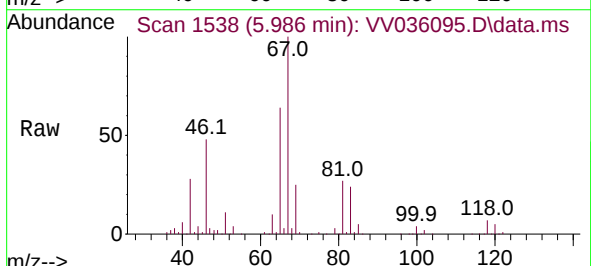


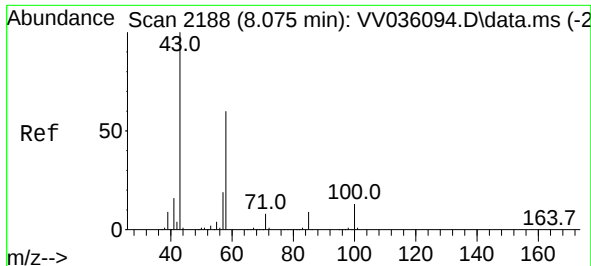
Tgt Ion: 84 Resp: 24542
Ion Ratio Lower Upper
84 100
86 62.7 44.6 82.8
49 112.7 81.1 150.5



#35
Methylcyclohexane
Concen: 4.025 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV036095.D
Acq: 17 Jun 2024 11:00

Tgt Ion: 83 Resp: 45411
Ion Ratio Lower Upper
83 100
55 0.5 60.7 91.1#
98 1.7 38.7 58.1#





#48

2-Hexanone

Concen: 1.877 ug/L

RT: 8.031 min Scan# 2188

Delta R.T. -0.045 min

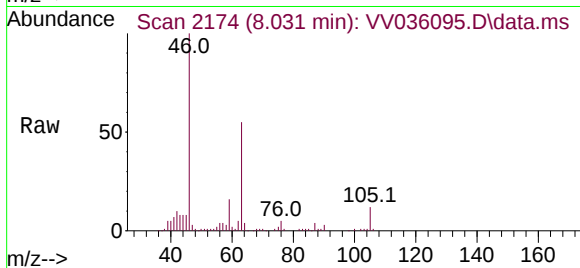
Lab File: VV036095.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 5573

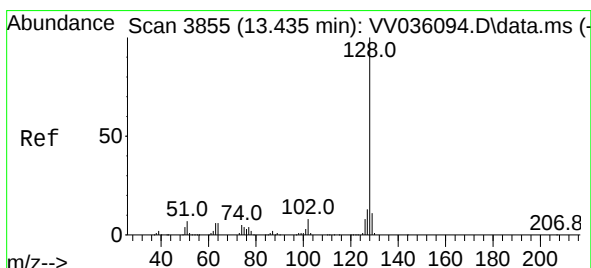
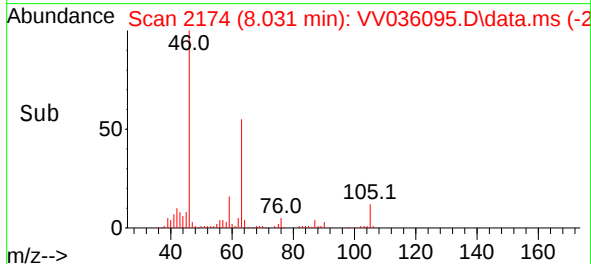
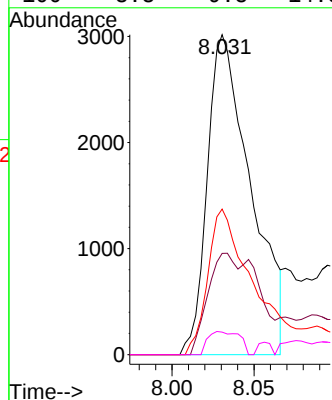
Ion Ratio Lower Upper

43 100

58 21.3 45.4 68.0#

57 48.0 15.8 23.8#

100 3.3 9.8 14.8#



#71

Naphthalene

Concen: 0.654 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036095.D

Acq: 17 Jun 2024 11:00

Tgt Ion: 128 Resp: 7454

Ion Ratio Lower Upper

128 100

127 11.4 10.6 16.0

129 8.7 8.8 13.2#

