

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035769.D
 Acq On : 24 May 2024 23:47
 Operator : SY/MD
 Sample : P2570-10
 Misc : 5.40g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:49:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

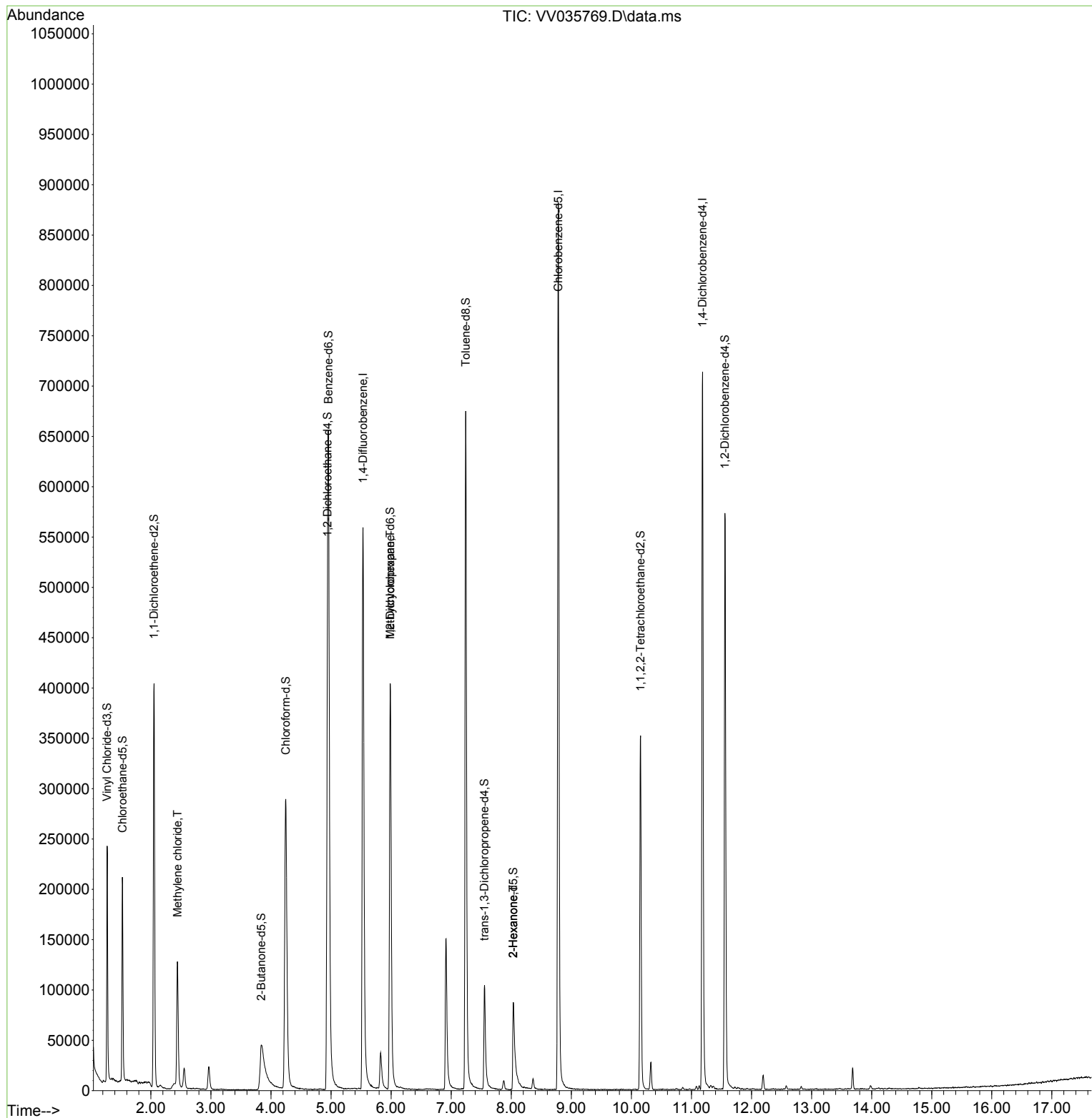
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	502854	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	508005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	160194	20.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.440%
7) Chloroethane-d5	1.526	69	138704	22.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
11) 1,1-Dichloroethene-d2	2.053	65	70880	20.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.400%
21) 2-Butanone-d5	3.838	46	11851	5.373	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.740%#
24) Chloroform-d	4.246	84	328452	21.971	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	4.940	65	195027	26.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.560%
32) Benzene-d6	4.957	84	597080	21.471	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	5.985	67	211382	24.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.520%
41) Toluene-d8	7.243	98	474409	19.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.680%
43) trans-1,3-Dichloroprop...	7.555	79	68399	18.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.560%
47) 2-Hexanone-d5	8.034	63	34372	22.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	177822	21.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	157395	23.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	58053	5.006	ug/L	96
35) Methylcyclohexane	5.985	83	52365	3.627	ug/L #	21
48) 2-Hexanone	8.034	43	3613	0.917	ug/L #	63

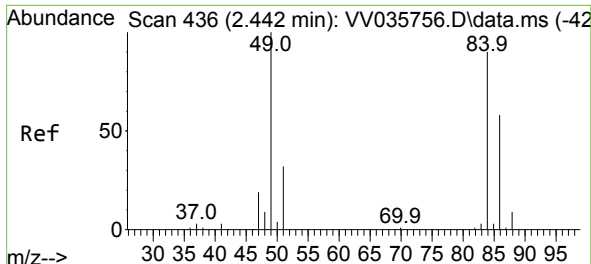
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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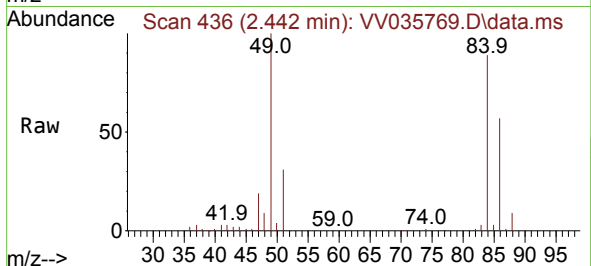
Quant Time: May 25 02:49:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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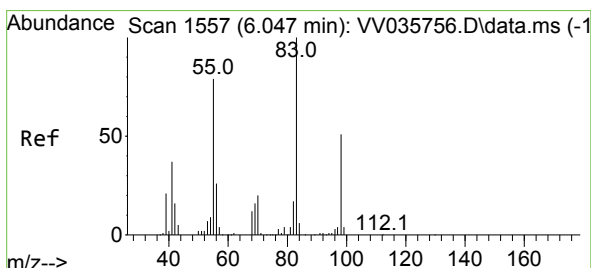
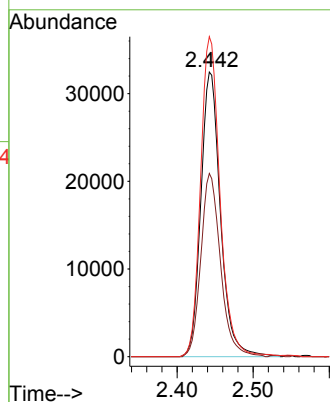
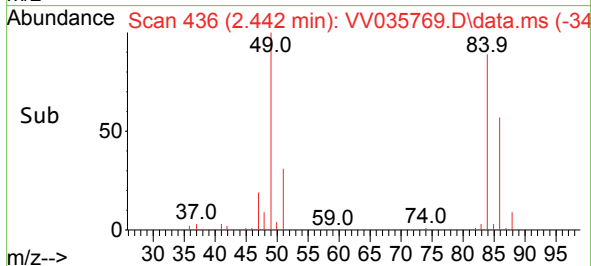


#16
Methylene chloride
Concen: 5.006 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035769.D
Acq: 24 May 2024 23:47

Instrument :
MSVOA_V
ClientSampleId :

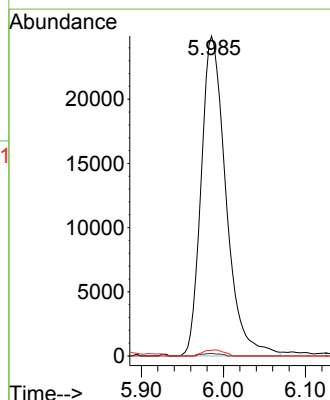
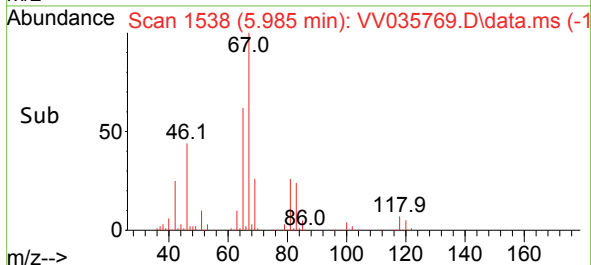
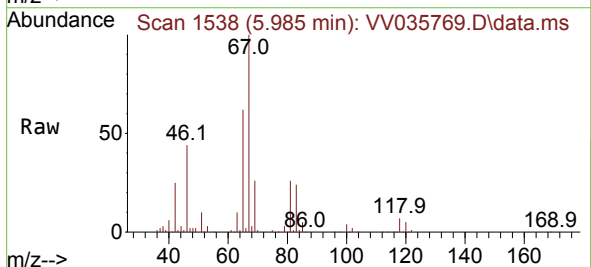


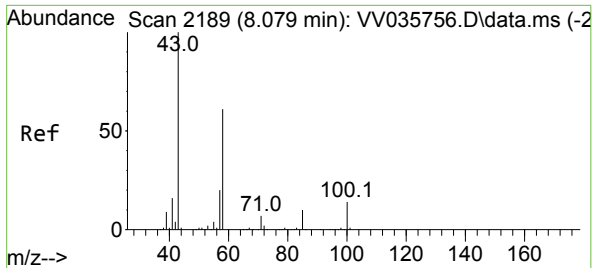
Tgt Ion: 84 Resp: 58053
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.3
49 112.4 75.3 139.9



#35
Methylcyclohexane
Concen: 3.627 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV035769.D
Acq: 24 May 2024 23:47

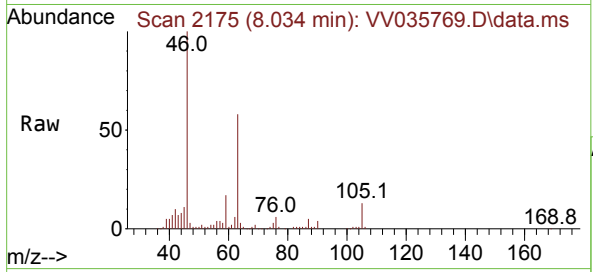
Tgt Ion: 83 Resp: 52365
Ion Ratio Lower Upper
83 100
55 0.6 57.5 86.3#
98 1.6 38.6 58.0#





#48
 2-Hexanone
 Concen: 0.917 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV035769.D
 Acq: 24 May 2024 23:47

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Tgt Ion: 43 Resp: 3613

Ion	Ratio	Lower	Upper
43	100		
58	30.1	48.8	73.2#
57	35.7	16.9	25.3#
100	3.0	11.7	17.5#

