

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035751.D
 Acq On : 24 May 2024 16:55
 Operator : SY/MD
 Sample : P2577-07
 Misc : 6.08g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

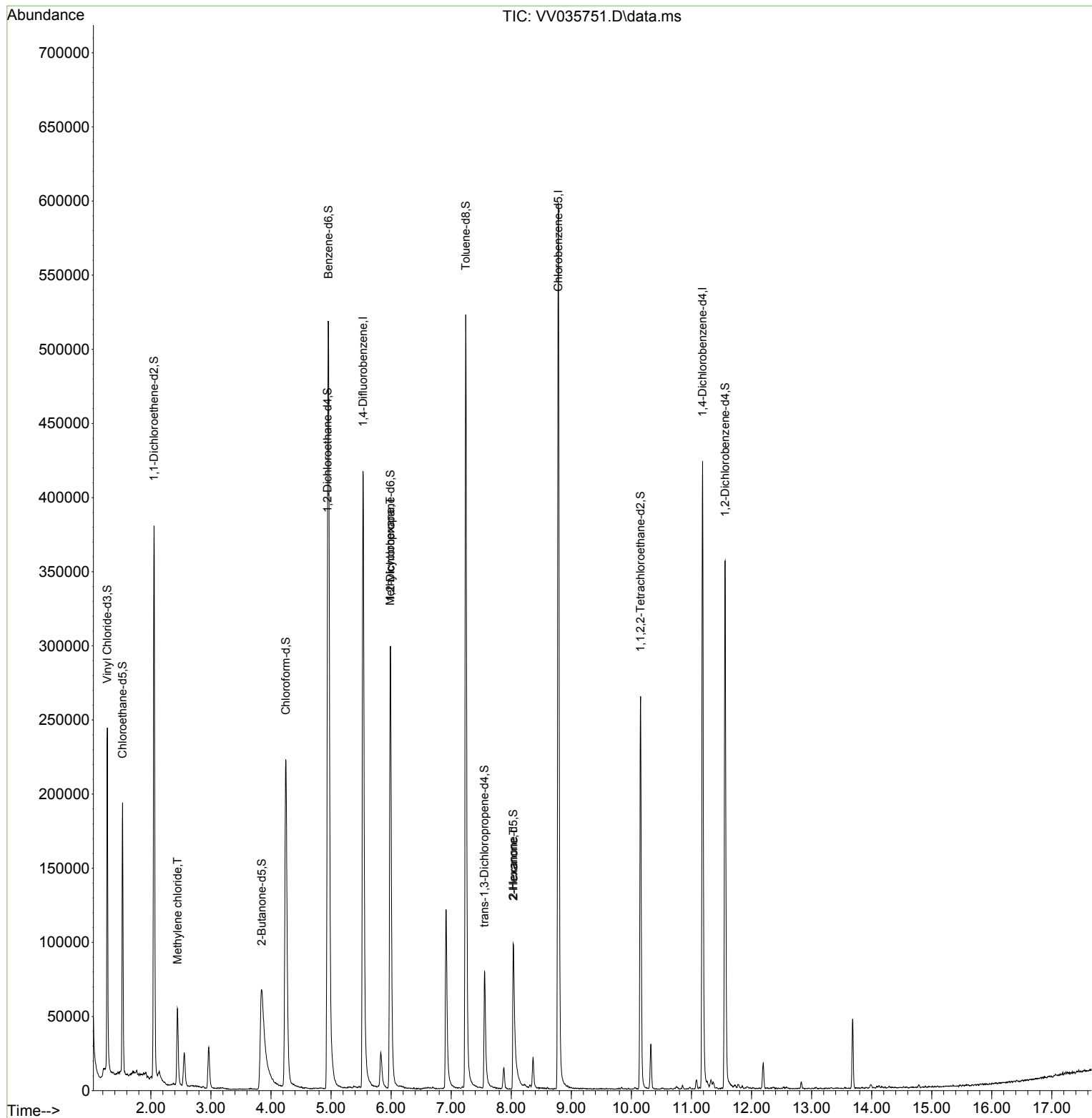
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	375783	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	354410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114729	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	153121	26.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.440%
7) Chloroethane-d5	1.529	69	119715	25.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.053	65	63149	24.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.240%
21) 2-Butanone-d5	3.847	46	59719	36.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.460%
24) Chloroform-d	4.246	84	251262	22.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	4.941	65	143723	26.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	4.957	84	477531	24.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	5.989	67	156230	26.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	7.243	98	368881	21.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.440%
43) trans-1,3-Dichloroprop...	7.555	79	53018	20.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.840%
47) 2-Hexanone-d5	8.034	63	40098	37.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	132797	23.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	100967	25.358	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.440%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	22864	2.639	ug/L	93
35) Methylcyclohexane	5.986	83	37994	3.772	ug/L #	21
48) 2-Hexanone	8.037	43	4545	1.654	ug/L #	84

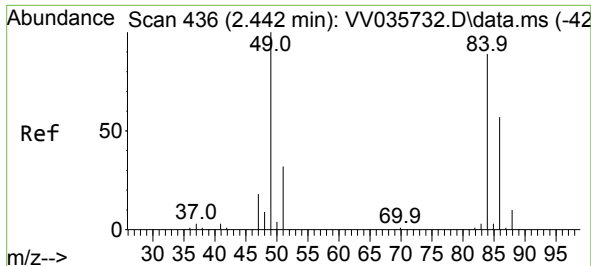
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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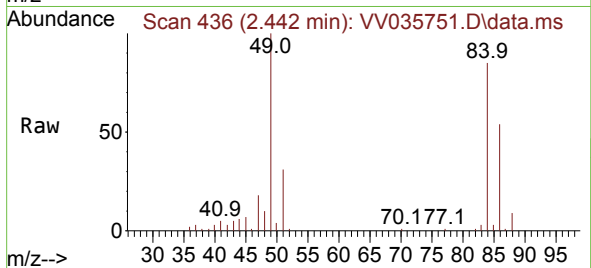
Quant Time: May 24 23:48:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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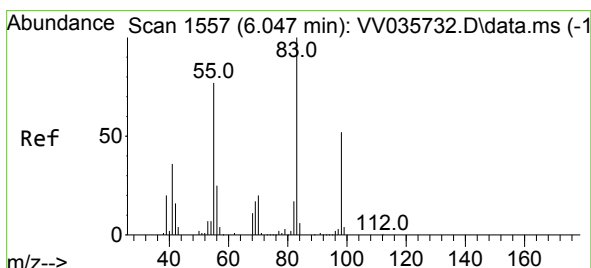
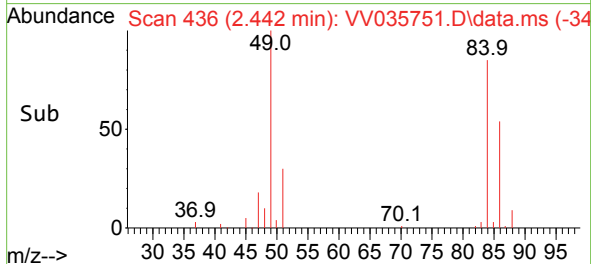
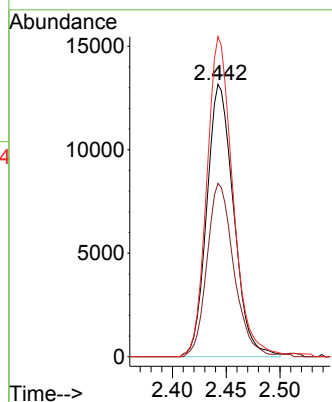
#16
Methylene chloride
Concen: 2.639 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035751.D
Acq: 24 May 2024 16:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 22864

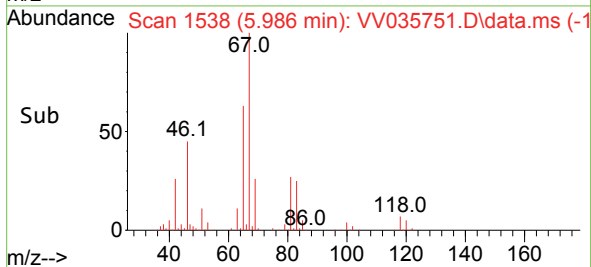
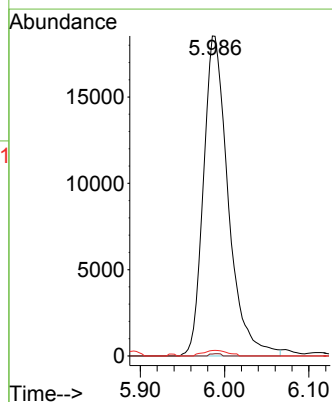
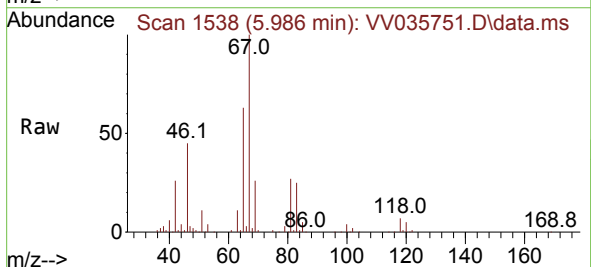
Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.8	81.3
49	117.5	75.3	139.9

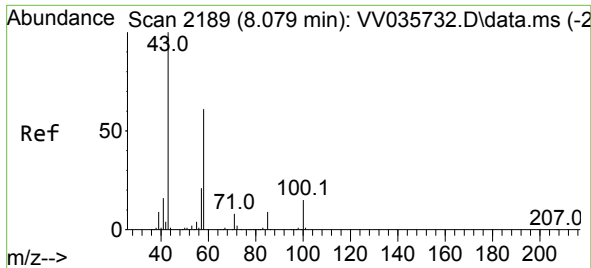


#35
Methylcyclohexane
Concen: 3.772 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV035751.D
Acq: 24 May 2024 16:55

Tgt Ion: 83 Resp: 37994

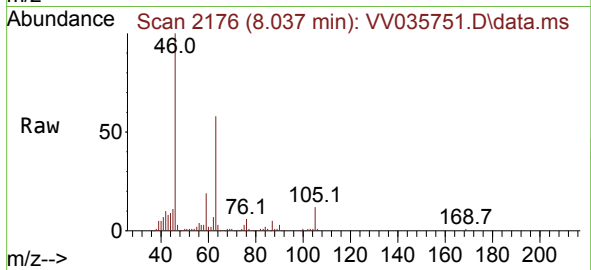
Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.5	86.3#
98	1.7	38.6	58.0#





#48
 2-Hexanone
 Concen: 1.654 ug/L
 RT: 8.037 min Scan# 2189
 Delta R.T. -0.042 min
 Lab File: VV035751.D
 Acq: 24 May 2024 16:55

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Tgt Ion:	43	Resp:	4545
Ion	Ratio	Lower	Upper
43	100		
58	49.9	48.8	73.2
57	27.9	16.9	25.3#
100	5.3	11.7	17.5#

