Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036057.D
Acq On : 13 Jun 2024 13:00
Operator : SY/MD
Sample : P2850-14
Misc : 4.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 14 01:17:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	477575	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	506849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	219655	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	180478	20.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.240%			
7) Chloroethane-d5	1.529	69	148739	21.245	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	2.053	65	78201	20.007	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.040%			
21) 2-Butanone-d5	3.844	46	70646	35.069	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.140%			
24) Chloroform-d	4.246	84	318828	20.999	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	4.940	65	184263	23.147	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	4.956	84	622016	20.646	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	5.985	67	210212	22.156	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.640%			
41) Toluene-d8	7.243	98	505149	19.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.000%			
43) trans-1,3-Dichloroprop...	7.554	79	73670	18.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.760%			
47) 2-Hexanone-d5	8.030	63	57369	44.629	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.260%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	173207	24.430	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.720%			
66) 1,2-Dichlorobenzene-d4	11.557	152	195815	24.310	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.240%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	68977	6.383	ug/L	96
25) Chloroform	4.278	83	8451	0.531	ug/L	97
35) Methylcyclohexane	5.985	83	48922	3.482	ug/L #	20
48) 2-Hexanone	8.034	43	7485	2.025	ug/L #	60

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

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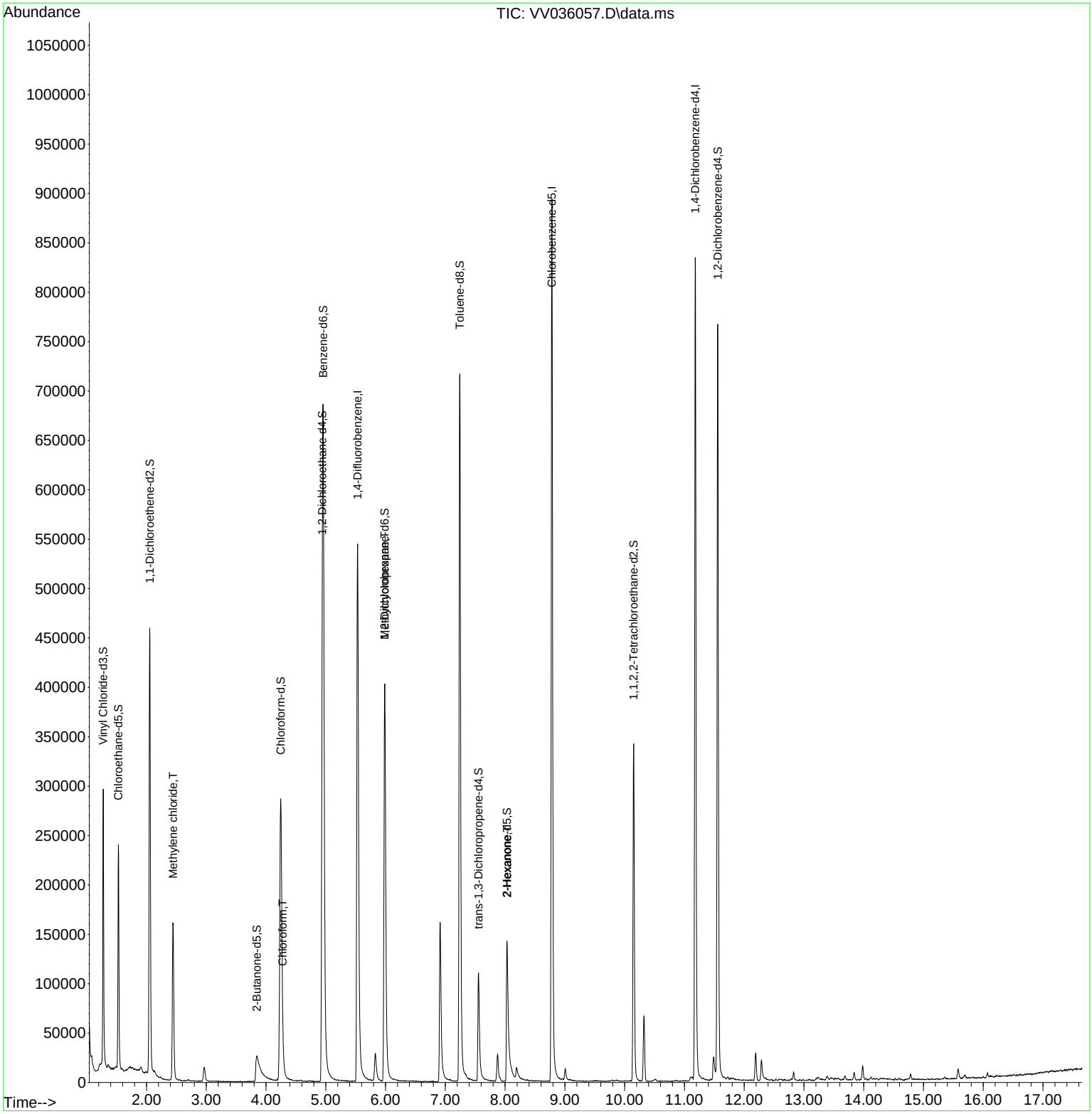
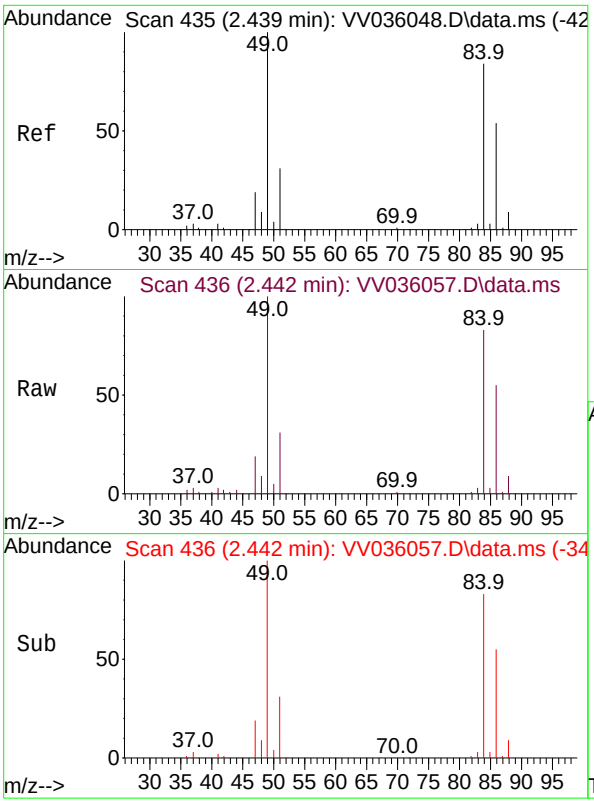


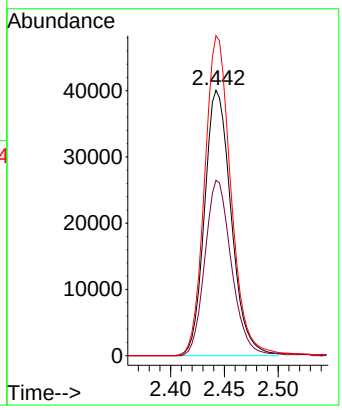


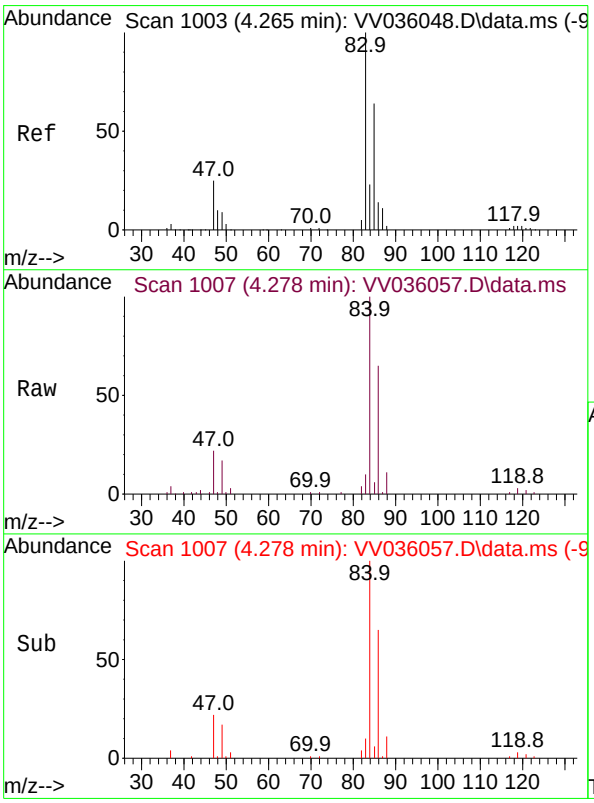
#16
Methylene chloride
Concen: 6.383 ug/L
RT: 2.442 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV036057.D
Acq: 13 Jun 2024 13:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 68977

Ion	Ratio	Lower	Upper
84	100		
86	66.1	44.6	82.8
49	120.5	81.1	150.5

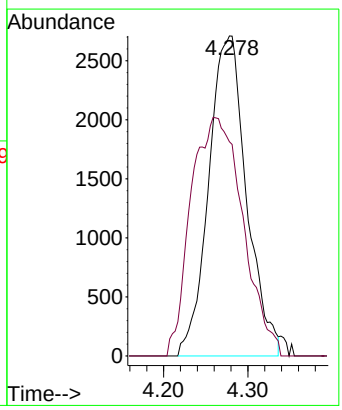


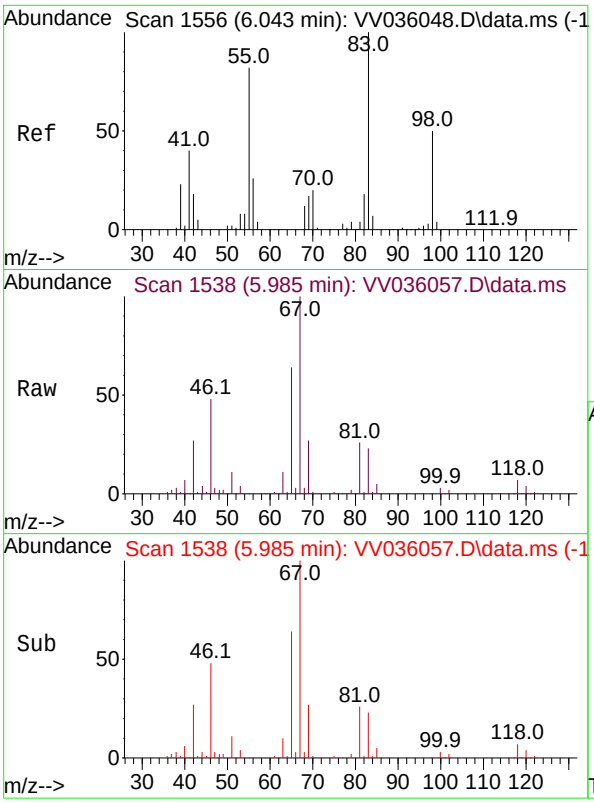


#25
Chloroform
Concen: 0.531 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.013 min
Lab File: VV036057.D
Acq: 13 Jun 2024 13:00

Tgt Ion: 83 Resp: 8451

Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.2	84.0



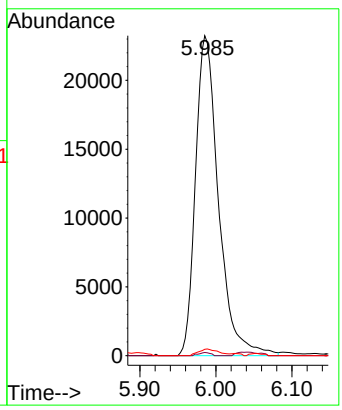


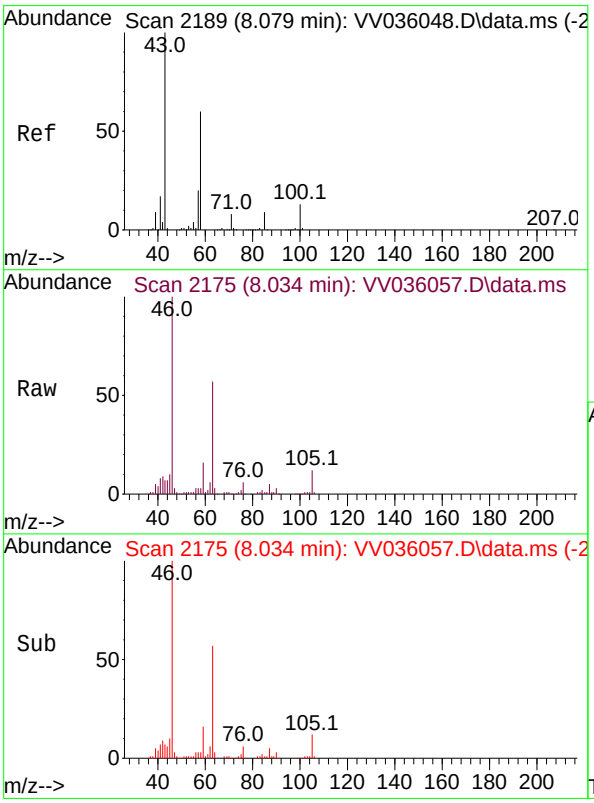
#35
Methylcyclohexane
Concen: 3.482 ug/L
RT: 5.985 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV036057.D
Acq: 13 Jun 2024 13:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 48922

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	1.8	38.7	58.1#





#48
2-Hexanone
Concen: 2.025 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036057.D
Acq: 13 Jun 2024 13:00

Tgt Ion: 43 Resp: 7485

Ion	Ratio	Lower	Upper
43	100		
58	28.6	45.4	68.0#
57	44.7	15.8	23.8#
100	3.5	9.8	14.8#