Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035818.D
Acq On : 25 May 2024 23:44
Operator : SY/MD
Sample : P2586-11
Misc : 4.74g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 27 05:33:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	547842	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	518729	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	150006	17.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.880%			
7) Chloroethane-d5	1.526	69	126030	18.450	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.800%			
11) 1,1-Dichloroethene-d2	2.050	65	63202	16.860	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.440%			
21) 2-Butanone-d5	3.860	46	25903	10.779	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 21.560%			
24) Chloroform-d	4.246	84	279521	17.162	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 68.640%			
26) 1,2-Dichloroethane-d4	4.940	65	156106	19.388	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.560%			
32) Benzene-d6	4.957	84	519748	18.304	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.200%			
36) 1,2-Dichloropropane-d6	5.985	67	173893	19.844	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.360%			
41) Toluene-d8	7.243	98	397061	15.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.840%			
43) trans-1,3-Dichloroprop...	7.555	79	55467	14.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 59.200%			
47) 2-Hexanone-d5	8.037	63	23810	15.111	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 30.220%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	122152	14.466	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 57.880%			
66) 1,2-Dichlorobenzene-d4	11.561	152	101504	17.081	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 68.320%#			
Target Compounds						Qvalue
13) Acetone	2.156	43	9890	2.812	ug/L	84
35) Methylcyclohexane	5.985	83	42248	2.866	ug/L #	20
48) 2-Hexanone	8.040	43	3463	0.861	ug/L #	72
61) 1,2,3-Trichloropropane	11.185	75	18819	4.690	ug/L #	65

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

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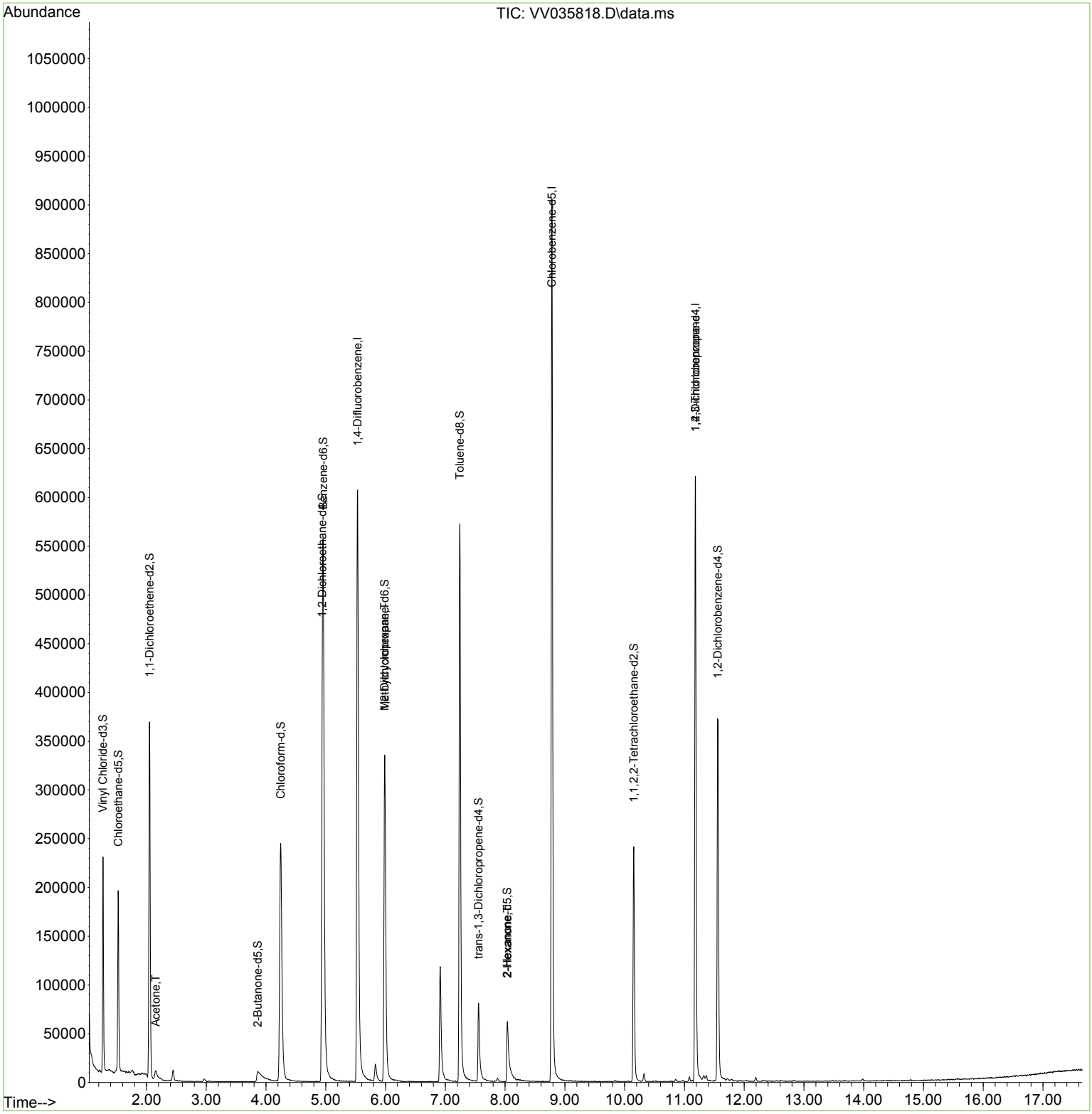
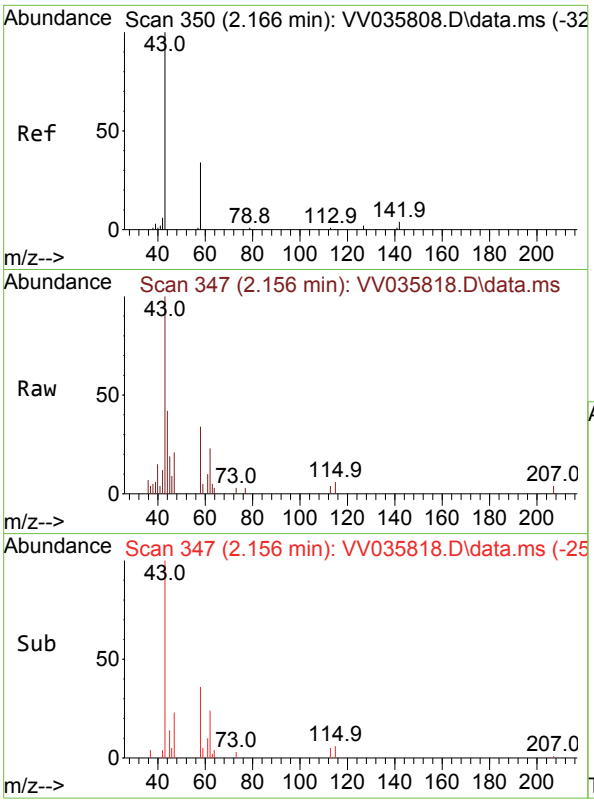


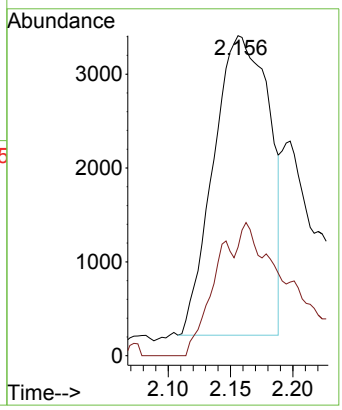


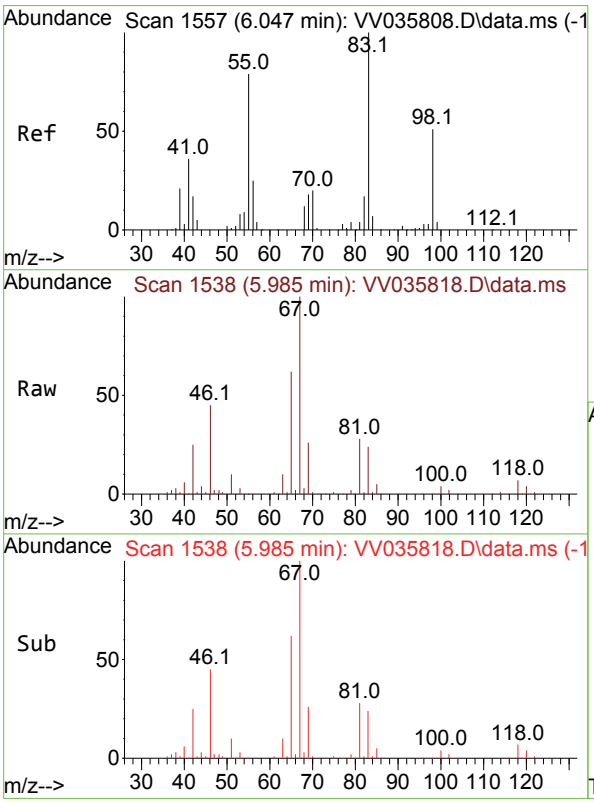
#13
Acetone
Concen: 2.812 ug/L
RT: 2.156 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV035818.D
Acq: 25 May 2024 23:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9890

Ion	Ratio	Lower	Upper
43	100		
58	5.1	0.0	22.8

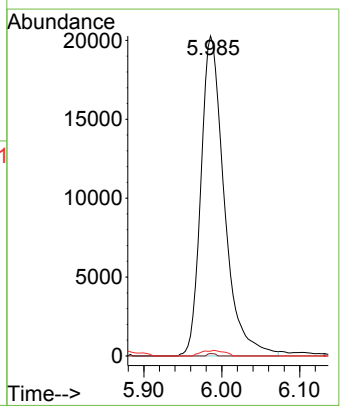


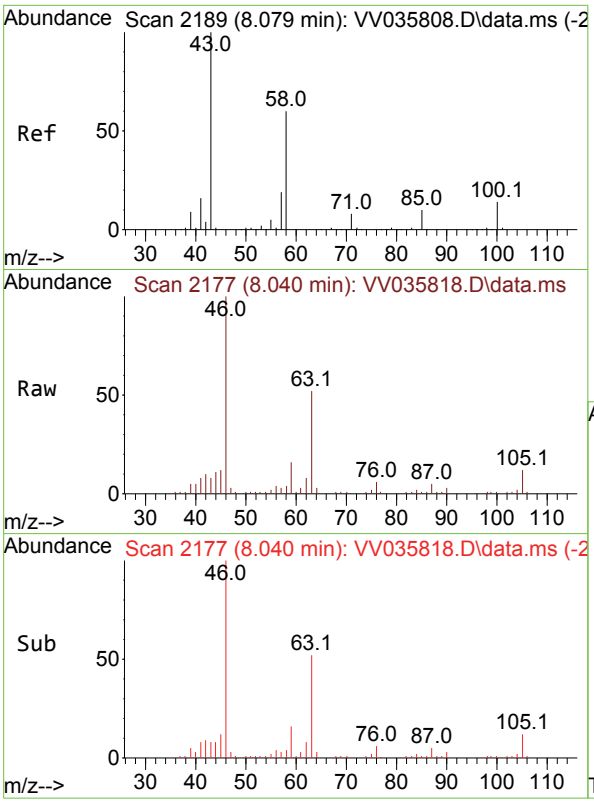


#35
Methylcyclohexane
Concen: 2.866 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV035818.D
Acq: 25 May 2024 23:44

Tgt Ion: 83 Resp: 42248

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.5	86.3#
98	0.6	38.6	58.0#



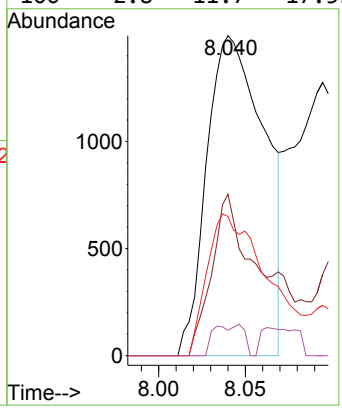


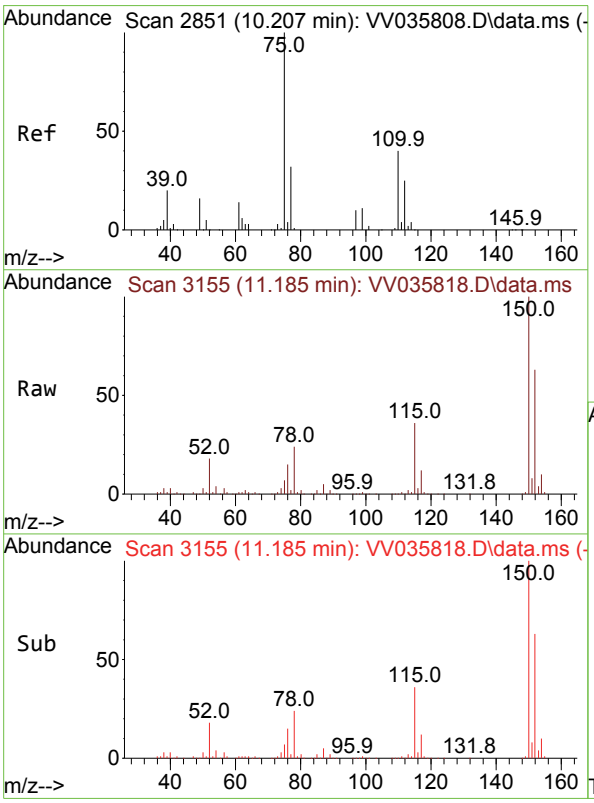
#48
2-Hexanone
Concen: 0.861 ug/L
RT: 8.040 min Scan# 2
Delta R.T. -0.039 min
Lab File: VV035818.D
Acq: 25 May 2024 23:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3463

Ion	Ratio	Lower	Upper
43	100		
58	34.1	48.8	73.2#
57	23.9	16.9	25.3
100	2.8	11.7	17.5#





#61
1,2,3-Trichloropropane
Concen: 4.690 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV035818.D
Acq: 25 May 2024 23:44

Tgt Ion: 75 Resp: 18819

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.7	38.5
110	2.4	31.8	47.8#