Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035877.D
Acq On : 29 May 2024 20:15
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 30 01:21:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	462116	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	480088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198697	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	222278	31.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.480%			
7) Chloroethane-d5	1.529	69	172706	29.972	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.880%			
11) 1,1-Dichloroethene-d2	2.053	65	93687	29.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 118.520%#			
21) 2-Butanone-d5	3.841	46	69387	34.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.460%			
24) Chloroform-d	4.246	84	354982	25.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.360%			
26) 1,2-Dichloroethane-d4	4.940	65	196407	28.918	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.680%			
32) Benzene-d6	4.957	84	709627	27.003	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.000%			
36) 1,2-Dichloropropane-d6	5.985	67	227952	28.107	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.440%			
41) Toluene-d8	7.239	98	585537	25.035	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.120%			
43) trans-1,3-Dichloroprop...	7.555	79	79755	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.960%			
47) 2-Hexanone-d5	8.034	63	45761	31.379	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.760%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	154517	19.772	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.080%			
66) 1,2-Dichlorobenzene-d4	11.558	152	201056	29.157	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.640%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	3310	0.412	ug/L #	33
25) Chloroform	4.278	83	11979	0.769	ug/L	93
35) Methylcyclohexane	5.985	83	55416	4.061	ug/L #	21
48) 2-Hexanone	8.030	43	5275	1.417	ug/L #	66

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

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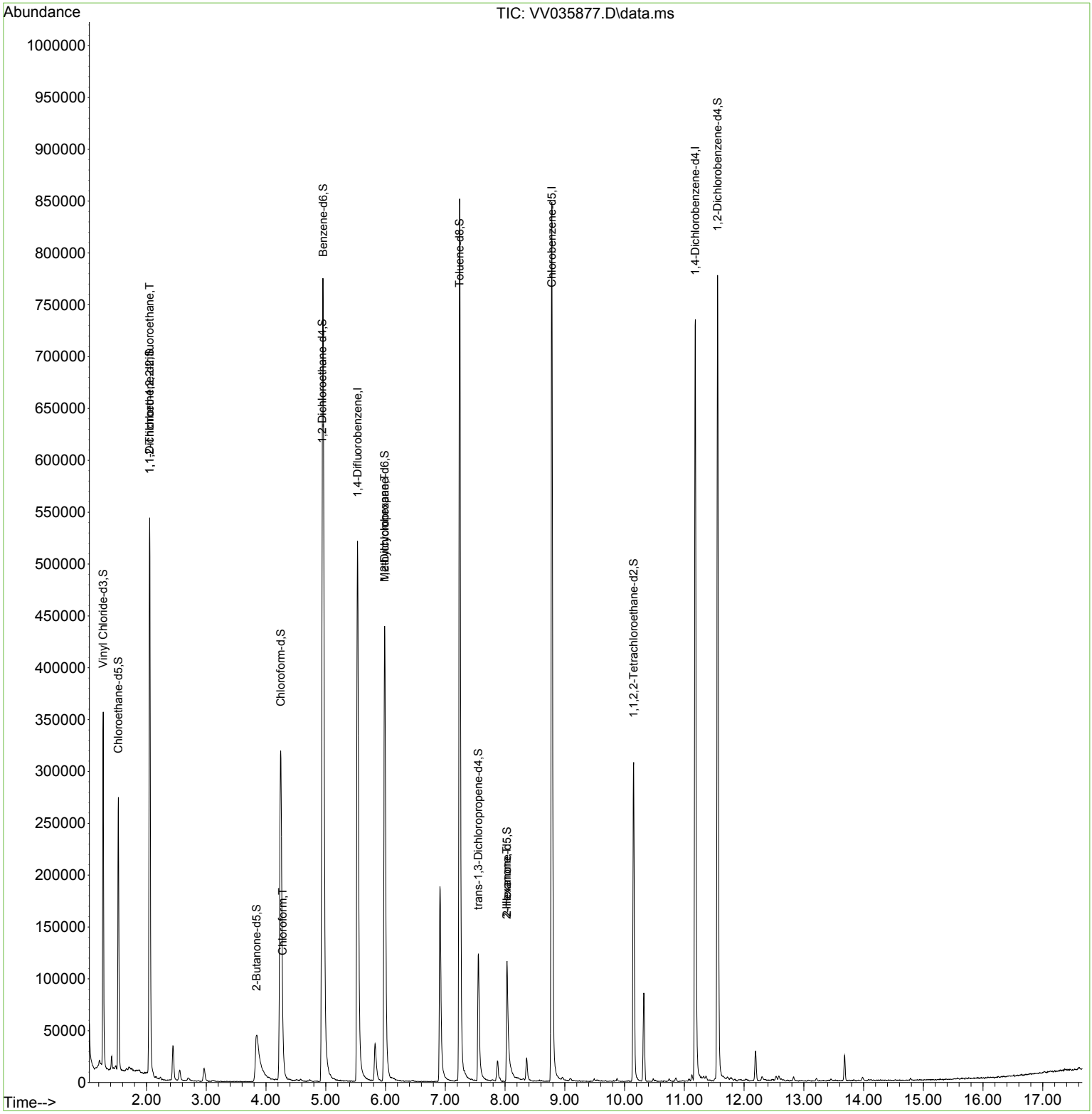
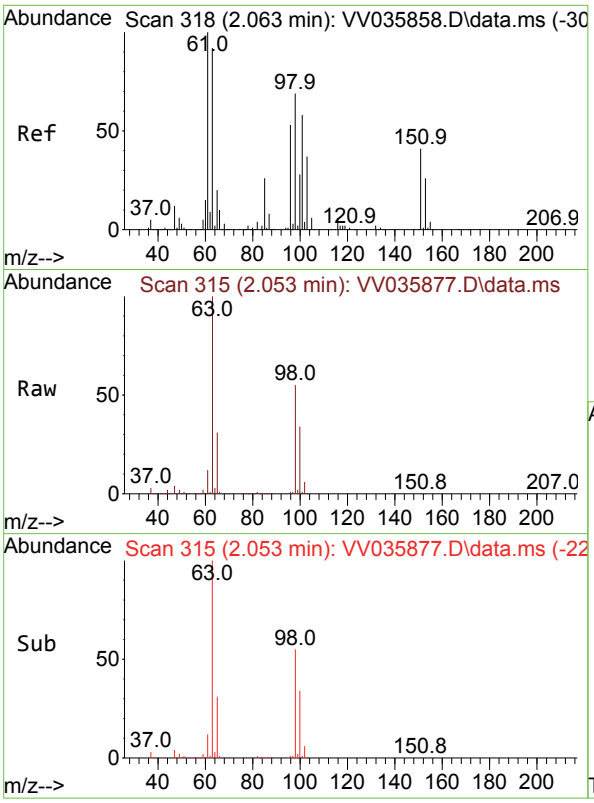


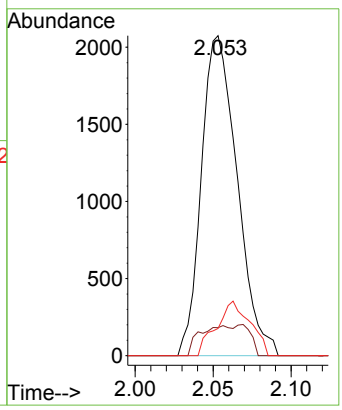


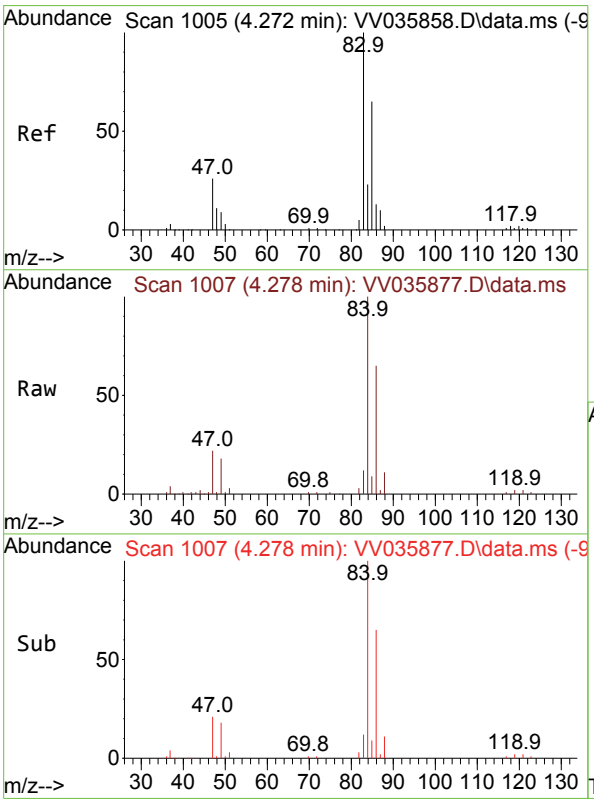
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.412 ug/L
RT: 2.053 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV035877.D
Acq: 29 May 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 3310

Ion	Ratio	Lower	Upper
101	100		
85	2.7	34.2	51.4#
151	16.1	59.5	89.3#

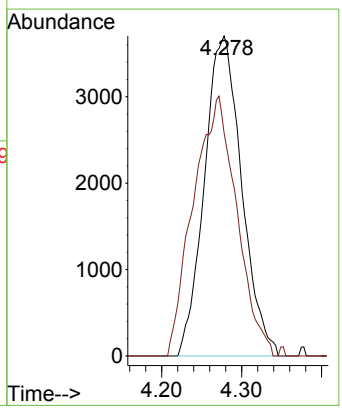


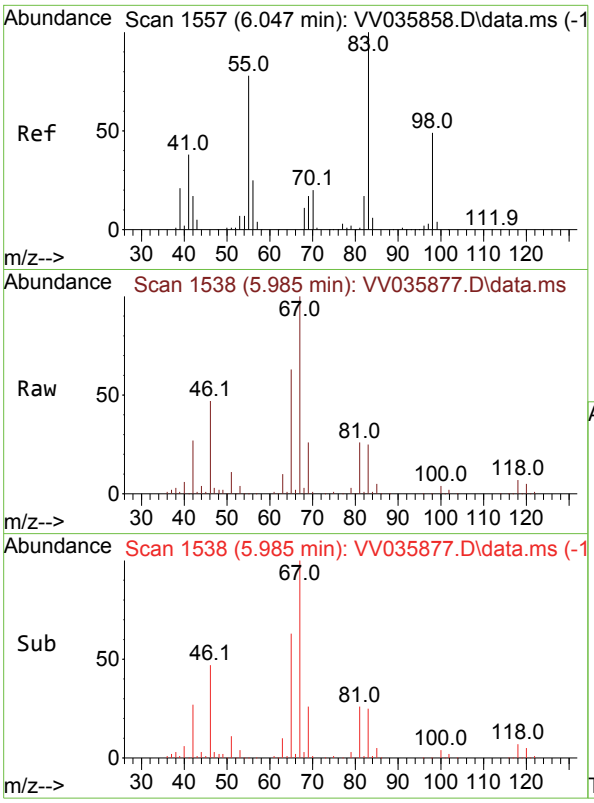


#25
Chloroform
Concen: 0.769 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035877.D
Acq: 29 May 2024 20:15

Tgt Ion: 83 Resp: 11979

Ion	Ratio	Lower	Upper
83	100		
85	69.6	44.7	82.9



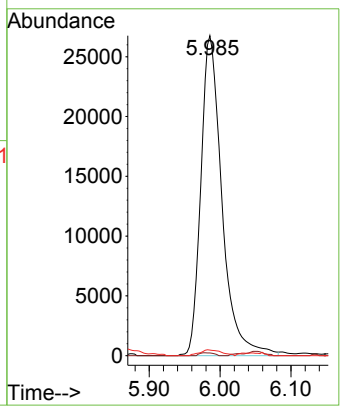


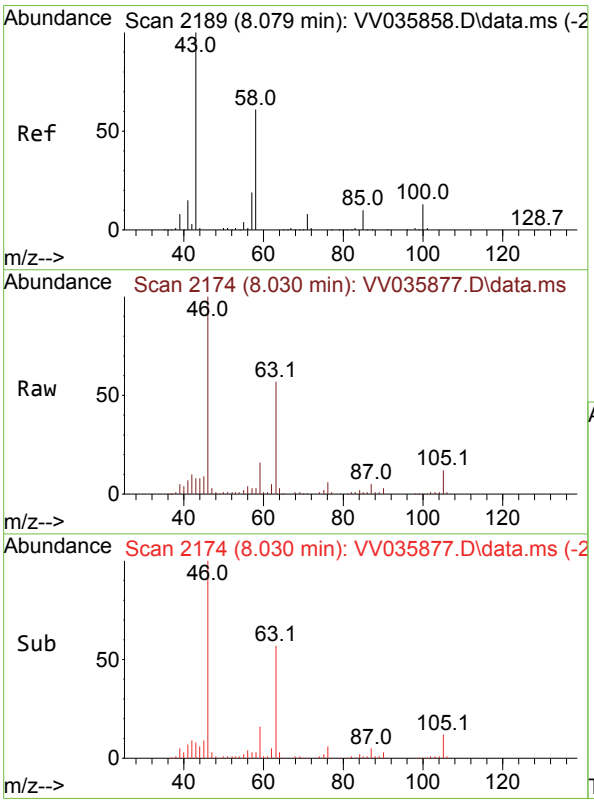
#35
Methylcyclohexane
Concen: 4.061 ug/L
RT: 5.985 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV035877.D
Acq: 29 May 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 55416

Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.5	86.3#
98	1.9	38.6	58.0#





#48
2-Hexanone
Concen: 1.417 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV035877.D
Acq: 29 May 2024 20:15

Tgt Ion: 43 Resp: 5275

Ion	Ratio	Lower	Upper
43	100		
58	37.2	48.8	73.2#
57	42.3	16.9	25.3#
100	3.3	11.7	17.5#