Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
Data File : VV036560.D
Acq On : 16 Jul 2024 11:20
Operator : SY/MD
Sample : VV0716SBL01
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 17 02:26:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	269721	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	301774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	91976	23.802	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
7) Chloroethane-d5	1.526	69	83090	24.594	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.360%			
11) 1,1-Dichloroethene-d2	2.050	65	46039	23.201	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.800%			
21) 2-Butanone-d5	3.828	46	16481	24.919	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 49.840%			
24) Chloroform-d	4.243	84	186801	23.793	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.160%			
26) 1,2-Dichloroethane-d4	4.937	65	98113	25.196	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	4.953	84	339845	22.573	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.280%			
36) 1,2-Dichloropropane-d6	5.985	67	104301	23.246	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.000%			
41) Toluene-d8	7.239	98	290592	20.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.680%			
43) trans-1,3-Dichloroprop...	7.555	79	39332	21.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.320%			
47) 2-Hexanone-d5	8.030	63	17923	35.966	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.940%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	83907	22.205	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	11.558	152	118753	26.501	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	1789	0.387	ug/L #	28
13) Acetone	2.137	43	1289	1.379	ug/L	92
16) Methylene chloride	2.439	84	21824	3.936	ug/L	98
25) Chloroform	4.265	83	6167	0.792	ug/L	85

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

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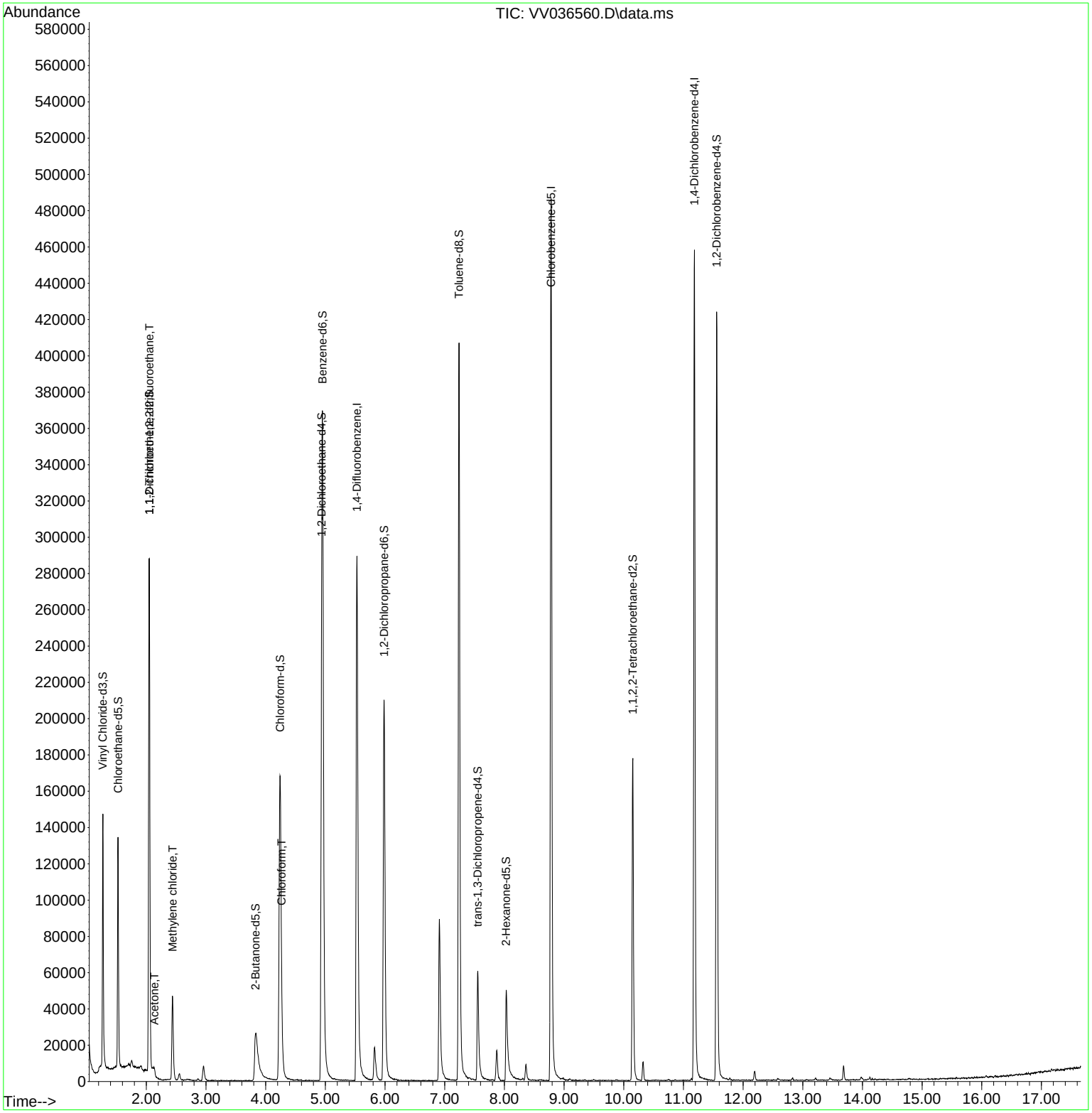
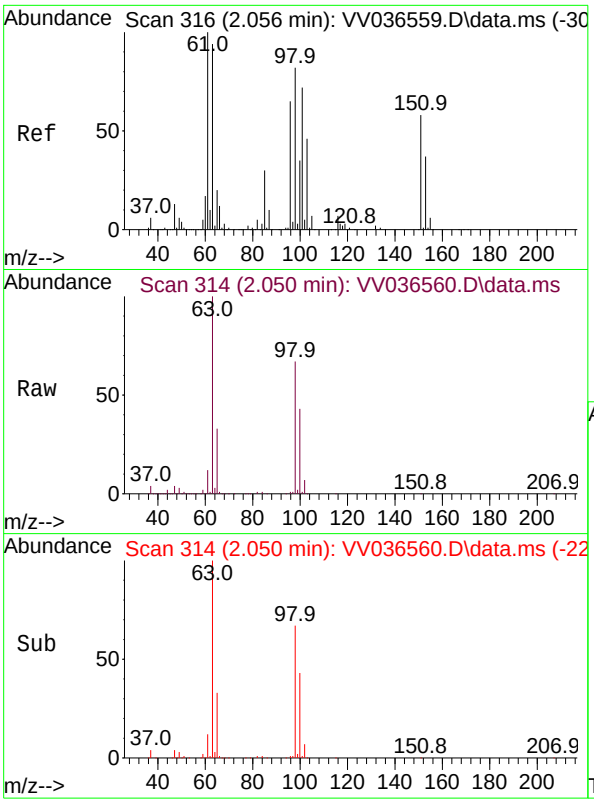


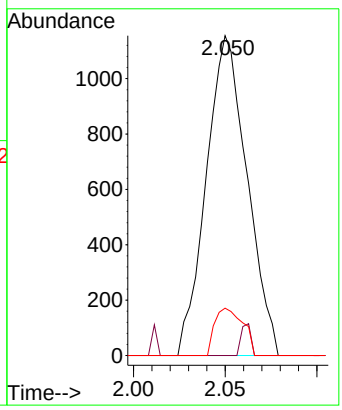


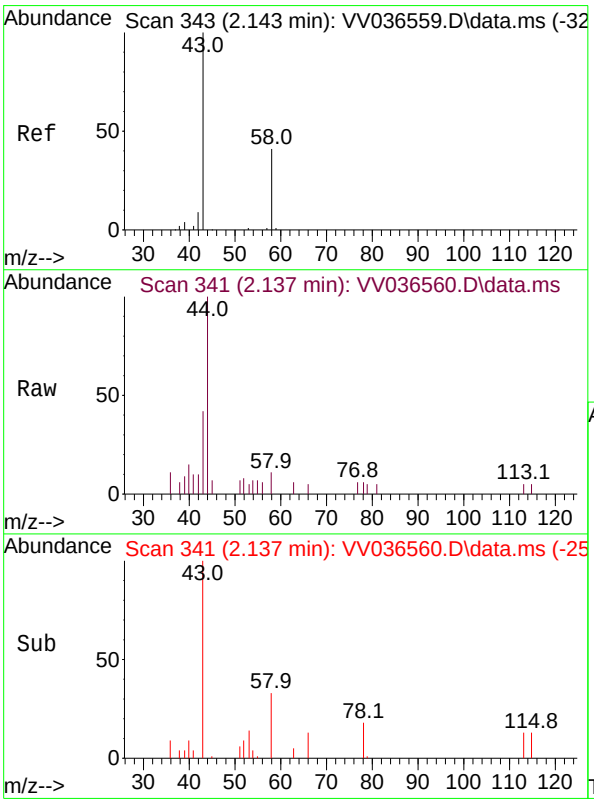
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.387 ug/L
RT: 2.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV036560.D
Acq: 16 Jul 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1789

Ion	Ratio	Lower	Upper
101	100		
85	2.3	32.5	48.7#
151	10.3	62.6	94.0#

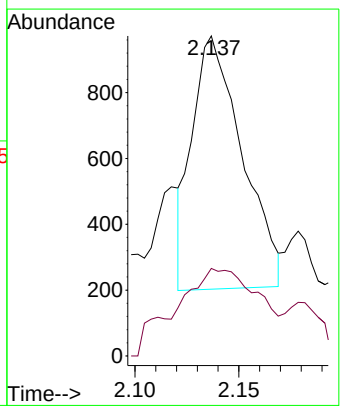


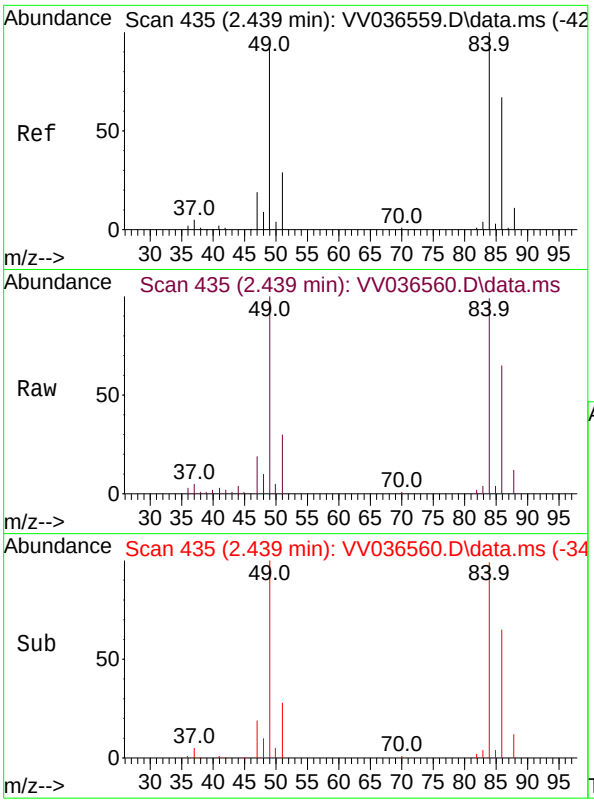


#13
Acetone
Concen: 1.379 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.006 min
Lab File: VV036560.D
Acq: 16 Jul 2024 11:20

Tgt Ion: 43 Resp: 1289

Ion	Ratio	Lower	Upper
43	100		
58	10.9	0.0	28.4



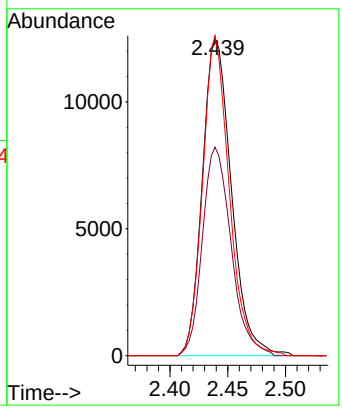


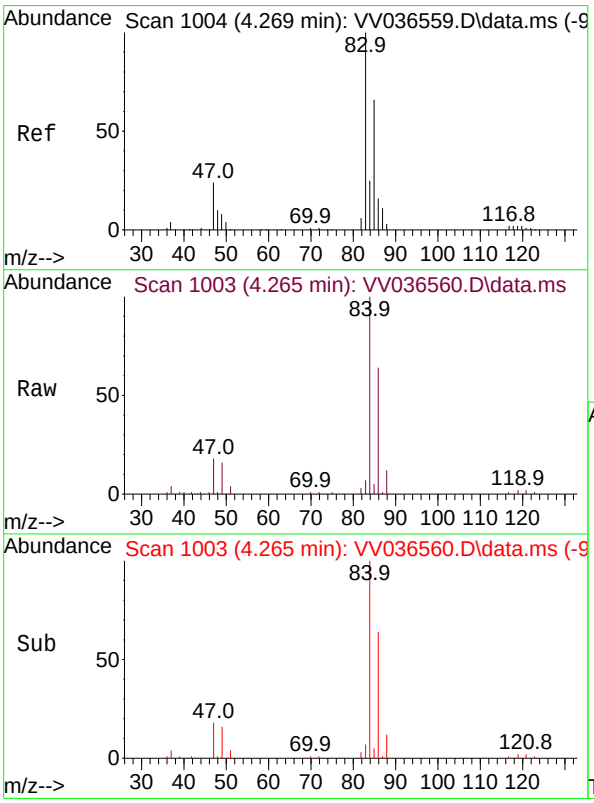
#16
Methylene chloride
Concen: 3.936 ug/L
RT: 2.439 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV036560.D
Acq: 16 Jul 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 21824

Ion	Ratio	Lower	Upper
84	100		
86	65.7	46.3	86.1
49	100.8	68.1	126.5





#25
Chloroform
Concen: 0.792 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV036560.D
Acq: 16 Jul 2024 11:20

Tgt Ion: 83 Resp: 6167

Ion	Ratio	Lower	Upper
83	100		
85	77.3	45.6	84.6