Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035976.D
Acq On : 04 Jun 2024 15:21
Operator : SY/MD
Sample : P2695-23
Misc : 5.02g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 05 04:05:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	419084	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	438685	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	196270	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	134848	17.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.000%			
7) Chloroethane-d5	1.526	69	122534	19.945	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.050	65	62772	18.301	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.200%			
21) 2-Butanone-d5	3.838	46	84842	47.994	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.980%			
24) Chloroform-d	4.246	84	294718	22.120	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.480%			
26) 1,2-Dichloroethane-d4	4.941	65	168498	24.121	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.480%			
32) Benzene-d6	4.957	84	531385	20.378	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.520%			
36) 1,2-Dichloropropane-d6	5.986	67	190558	23.205	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.840%			
41) Toluene-d8	7.243	98	424490	18.450	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	7.555	79	70403	20.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.640%			
47) 2-Hexanone-d5	8.031	63	54514	48.998	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.000%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	168497	27.459	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.840%			
66) 1,2-Dichlorobenzene-d4	11.558	152	184205	25.593	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.360%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	28440	2.999	ug/L	95
25) Chloroform	4.275	83	7940	0.569	ug/L	80
48) 2-Hexanone	8.031	43	7286	2.277	ug/L #	74
71) Naphthalene	13.452	128	4769	0.375	ug/L #	94

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

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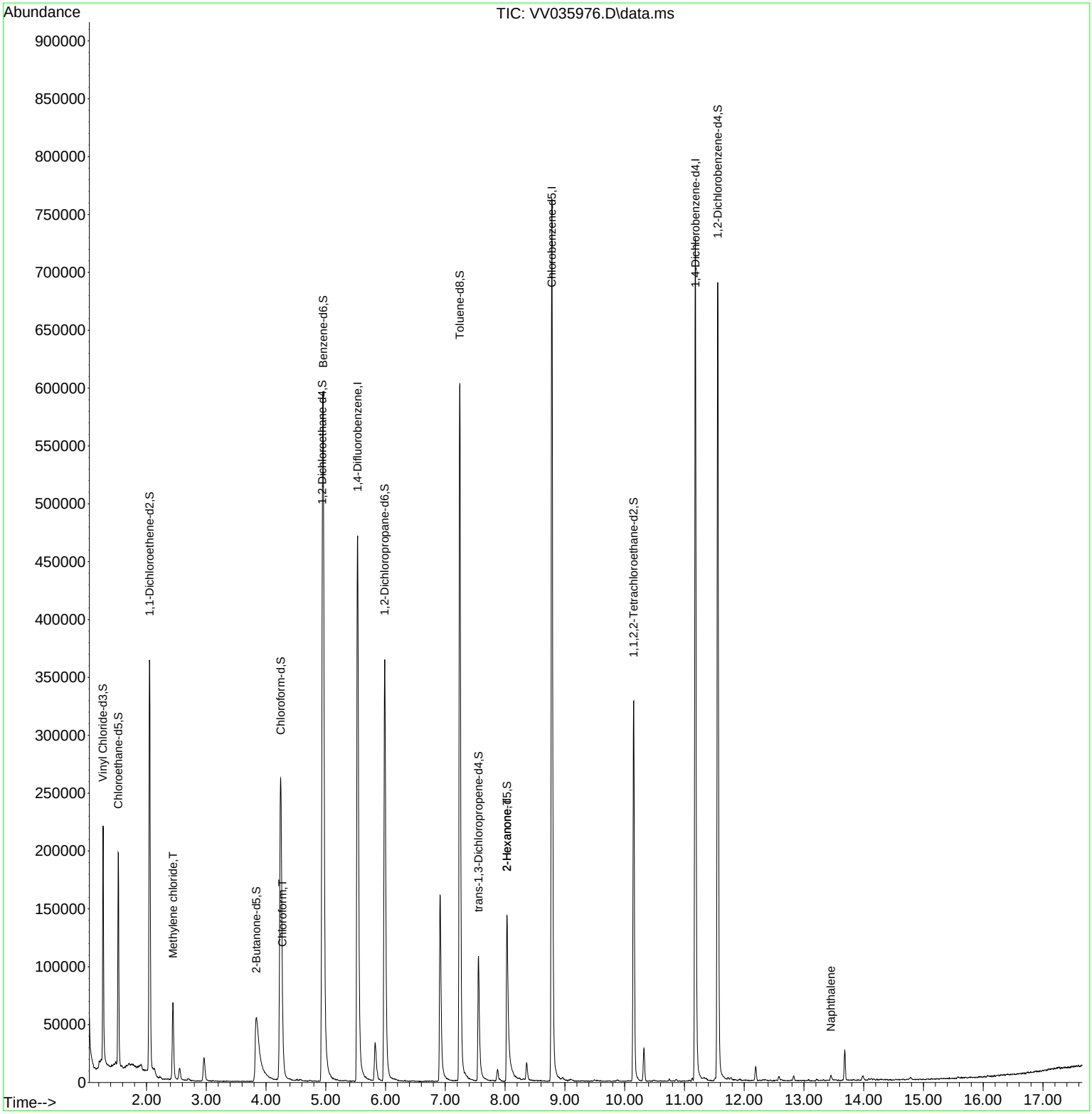
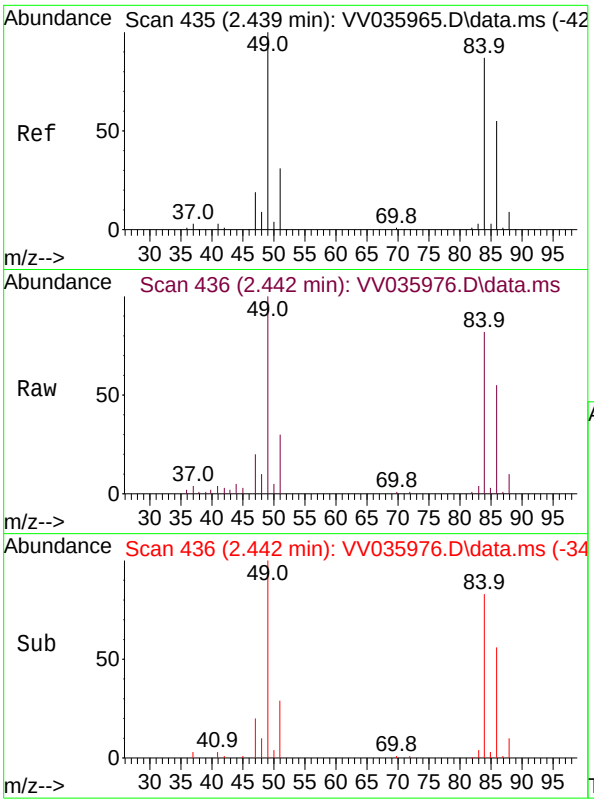


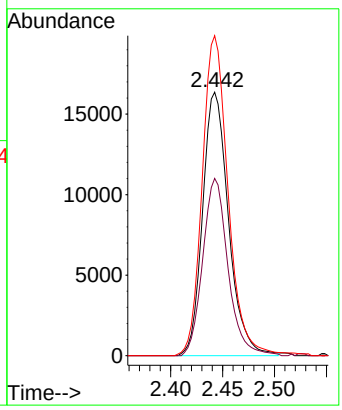


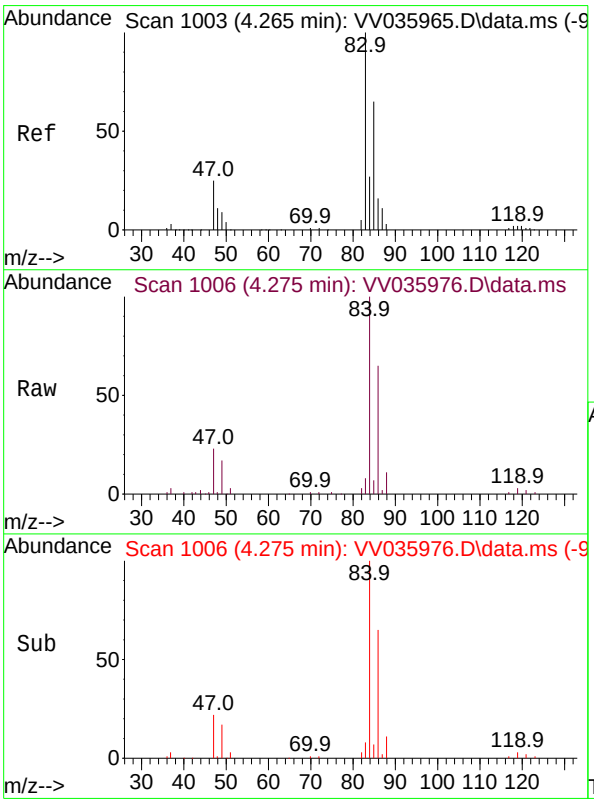
#16
Methylene chloride
Concen: 2.999 ug/L
RT: 2.442 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV035976.D
Acq: 04 Jun 2024 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 28440

Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.6	82.8
49	121.4	81.1	150.5

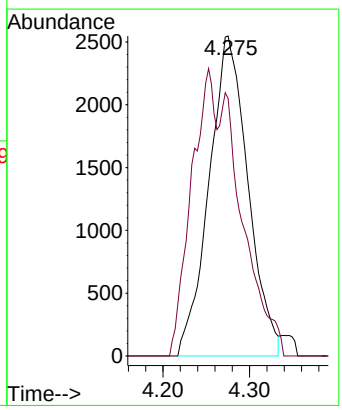


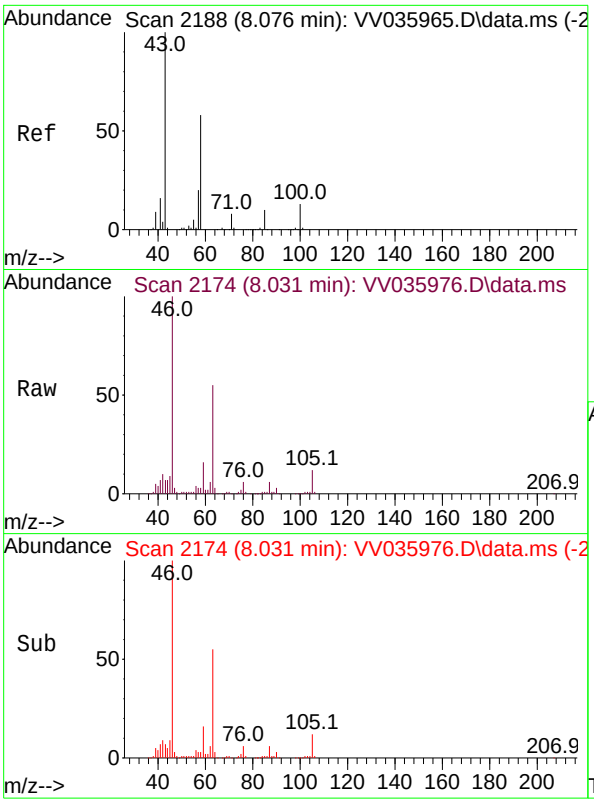


#25
Chloroform
Concen: 0.569 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV035976.D
Acq: 04 Jun 2024 15:21

Tgt Ion: 83 Resp: 7940

Ion	Ratio	Lower	Upper
83	100		
85	80.5	45.2	84.0



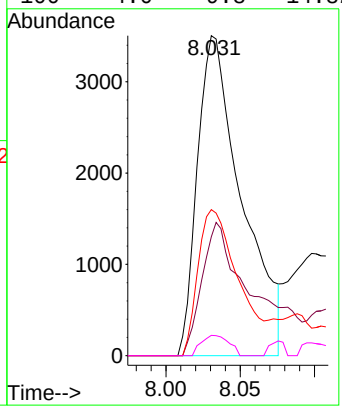


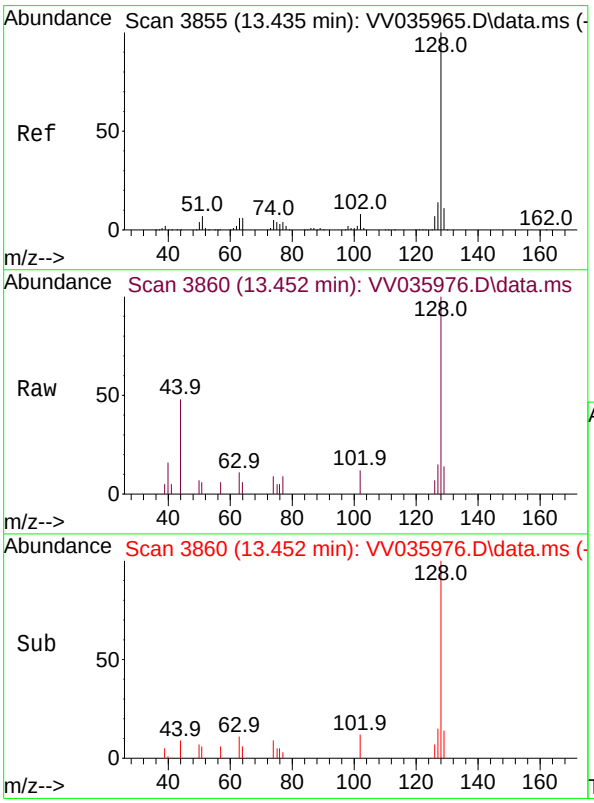
#48
2-Hexanone
Concen: 2.277 ug/L
RT: 8.031 min Scan# 2
Delta R.T. -0.045 min
Lab File: VV035976.D
Acq: 04 Jun 2024 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 7286

Ion	Ratio	Lower	Upper
43	100		
58	42.2	45.4	68.0#
57	41.1	15.8	23.8#
100	4.0	9.8	14.8#





#71
Naphthalene
Concen: 0.375 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV035976.D
Acq: 04 Jun 2024 15:21

Tgt Ion:128 Resp: 4769

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.6	16.0#
129	10.0	8.8	13.2