Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036208.D
Acq On : 21 Jun 2024 15:41
Operator : SY/MD
Sample : P2909-21
Misc : 5.20g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 22 00:14:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	362188	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	265067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	143281	21.517	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.080%			
7) Chloroethane-d5	1.529	69	119156	22.442	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.760%			
11) 1,1-Dichloroethene-d2	2.050	65	62190	20.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.920%			
21) 2-Butanone-d5	3.863	46	15375	10.064	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 20.120%			
24) Chloroform-d	4.246	84	226911	19.706	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.840%			
26) 1,2-Dichloroethane-d4	4.940	65	113468	18.795	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.160%			
32) Benzene-d6	4.956	84	436509	27.704	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.800%			
36) 1,2-Dichloropropane-d6	5.985	67	137315	27.674	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.680%			
41) Toluene-d8	7.243	98	312281	22.463	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.840%			
43) trans-1,3-Dichloroprop...	7.558	79	29943	14.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 58.880%			
47) 2-Hexanone-d5	8.040	63	12563	18.688	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 37.380%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	66162	17.844	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 71.360%			
66) 1,2-Dichlorobenzene-d4	11.561	152	42270	20.226	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.920%			
Target Compounds						Qvalue
13) Acetone	2.137	43	3330	1.399	ug/L #	1
16) Methylene chloride	2.442	84	20386	2.487	ug/L	96
48) 2-Hexanone	8.082	43	11783	6.094	ug/L #	38
71) Naphthalene	13.455	128	3184	0.863	ug/L #	82

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

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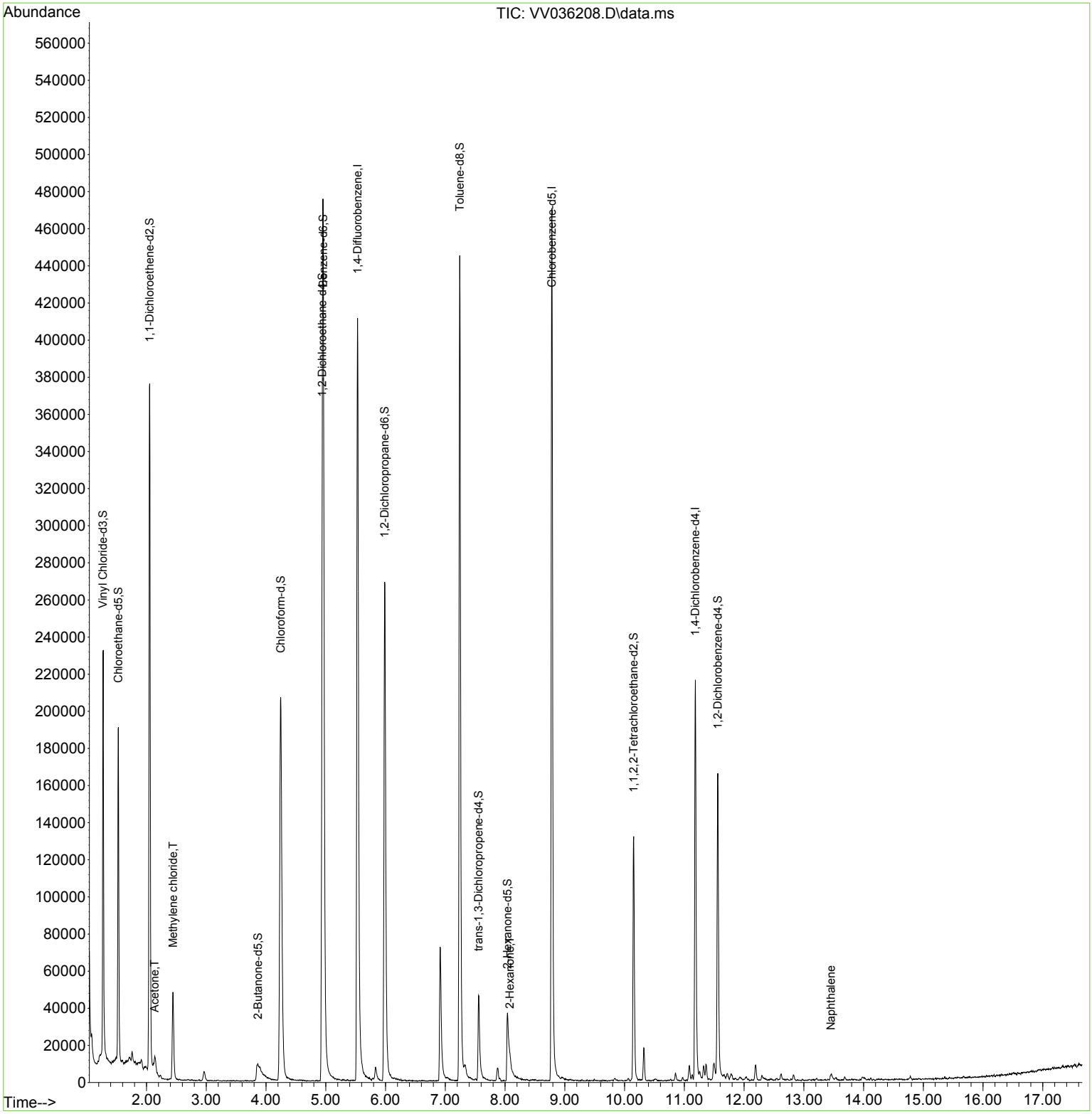
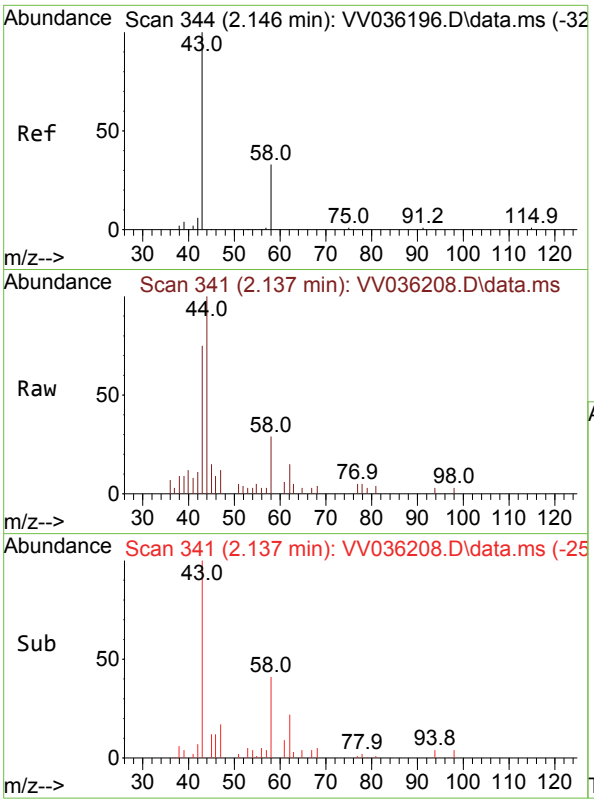


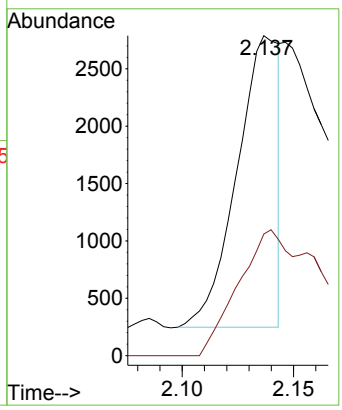


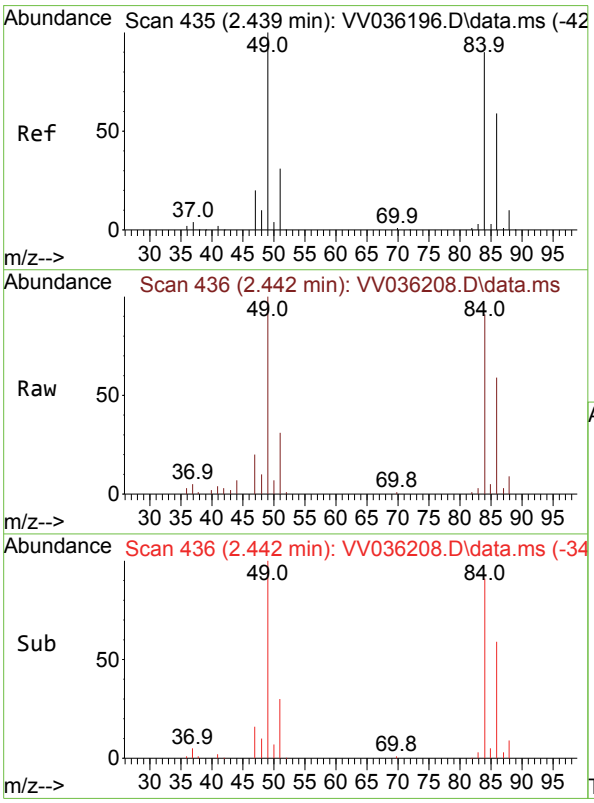
#13
Acetone
Concen: 1.399 ug/L
RT: 2.137 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV036208.D
Acq: 21 Jun 2024 15:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3330

Ion	Ratio	Lower	Upper
43	100		
58	52.3	0.0	24.2#

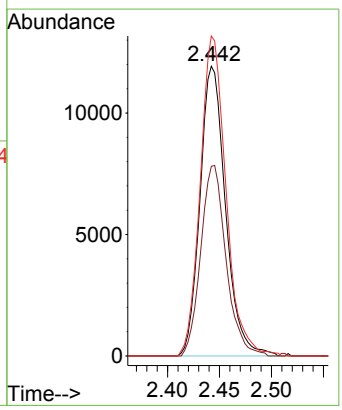


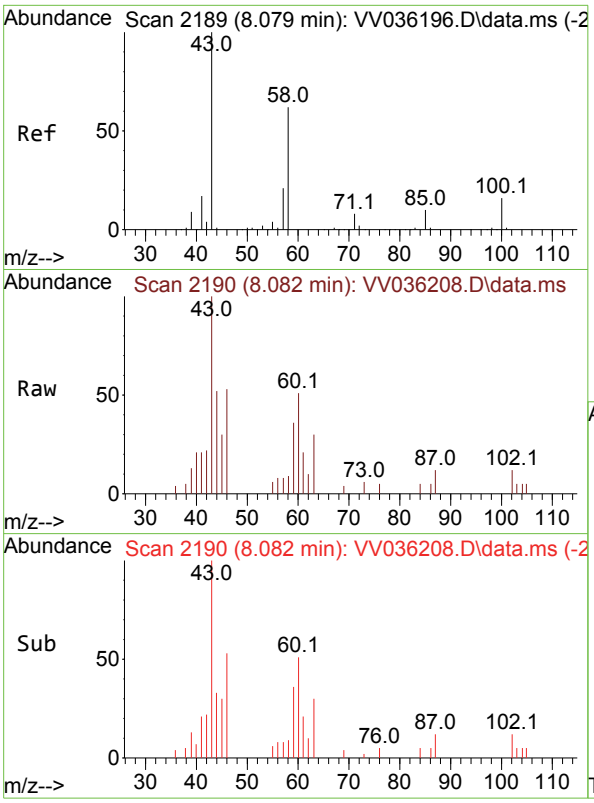


#16
Methylene chloride
Concen: 2.487 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036208.D
Acq: 21 Jun 2024 15:41

Tgt Ion: 84 Resp: 20386

Ion	Ratio	Lower	Upper
84	100		
86	65.4	44.6	82.8
49	110.5	81.1	150.5



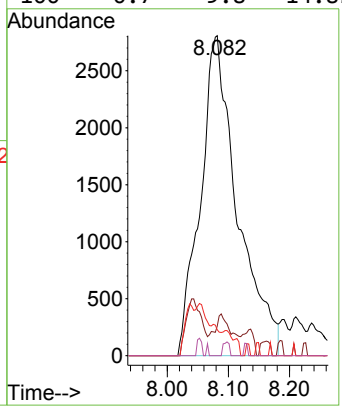


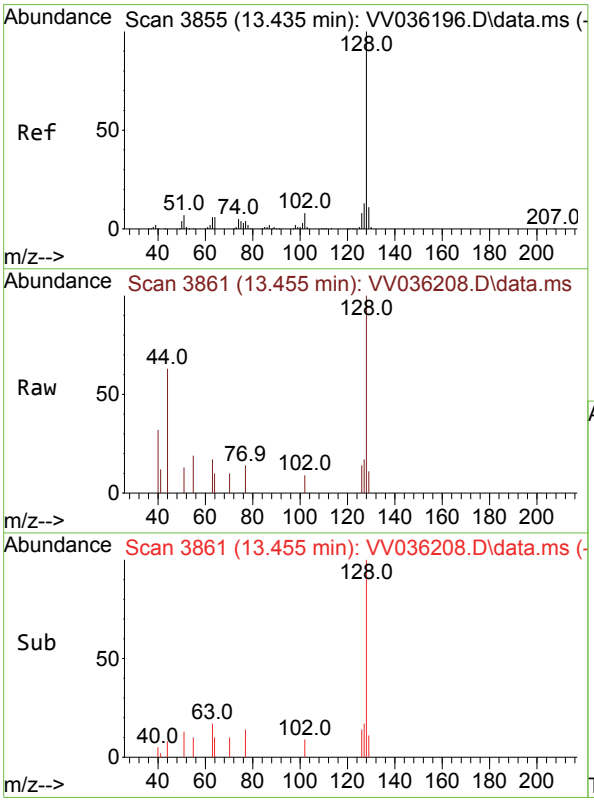
#48
2-Hexanone
Concen: 6.094 ug/L
RT: 8.082 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036208.D
Acq: 21 Jun 2024 15:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 11783

Ion	Ratio	Lower	Upper
43	100		
58	1.7	45.4	68.0#
57	0.0	15.8	23.8#
100	0.7	9.8	14.8#





#71
Naphthalene
Concen: 0.863 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV036208.D
Acq: 21 Jun 2024 15:41

Tgt Ion:128 Resp: 3184

Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.6	16.0#
129	5.3	8.8	13.2#