Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035753.D
Acq On : 24 May 2024 17:40
Operator : SY/MD
Sample : P2577-10
Misc : 2.35g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 24 23:49:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BHBN8

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208296	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	136840	42.504	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 170.000%#			
7) Chloroethane-d5	1.529	69	104175	40.110	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 160.440%#			
11) 1,1-Dichloroethene-d2	2.053	65	49929	35.030	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 140.120%#			
21) 2-Butanone-d5	3.863	46	40097m	43.886	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.780%			
24) Chloroform-d	4.249	84	166709	26.921	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.680%			
26) 1,2-Dichloroethane-d4	4.944	65	98873	32.297	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.200%			
32) Benzene-d6	4.960	84	292095	47.711	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 190.840%#			
36) 1,2-Dichloropropane-d6	5.989	67	93730	49.610	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 198.440%#			
41) Toluene-d8	7.246	98	158621	29.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.440%			
43) trans-1,3-Dichloroprop...	7.564	79	20947	25.924	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.680%			
47) 2-Hexanone-d5	8.047	63	8489	24.987	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 49.980%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42407	23.293	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.160%			
66) 1,2-Dichlorobenzene-d4	11.564	152	15679	21.031	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.120%			
Target Compounds						Qvalue
13) Acetone	2.153	43	184858m	138.217	ug/L	
15) Methyl Acetate	2.391	43	16437	8.112	ug/L #	81
16) Methylene chloride	2.442	84	26675	5.553	ug/L	96

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

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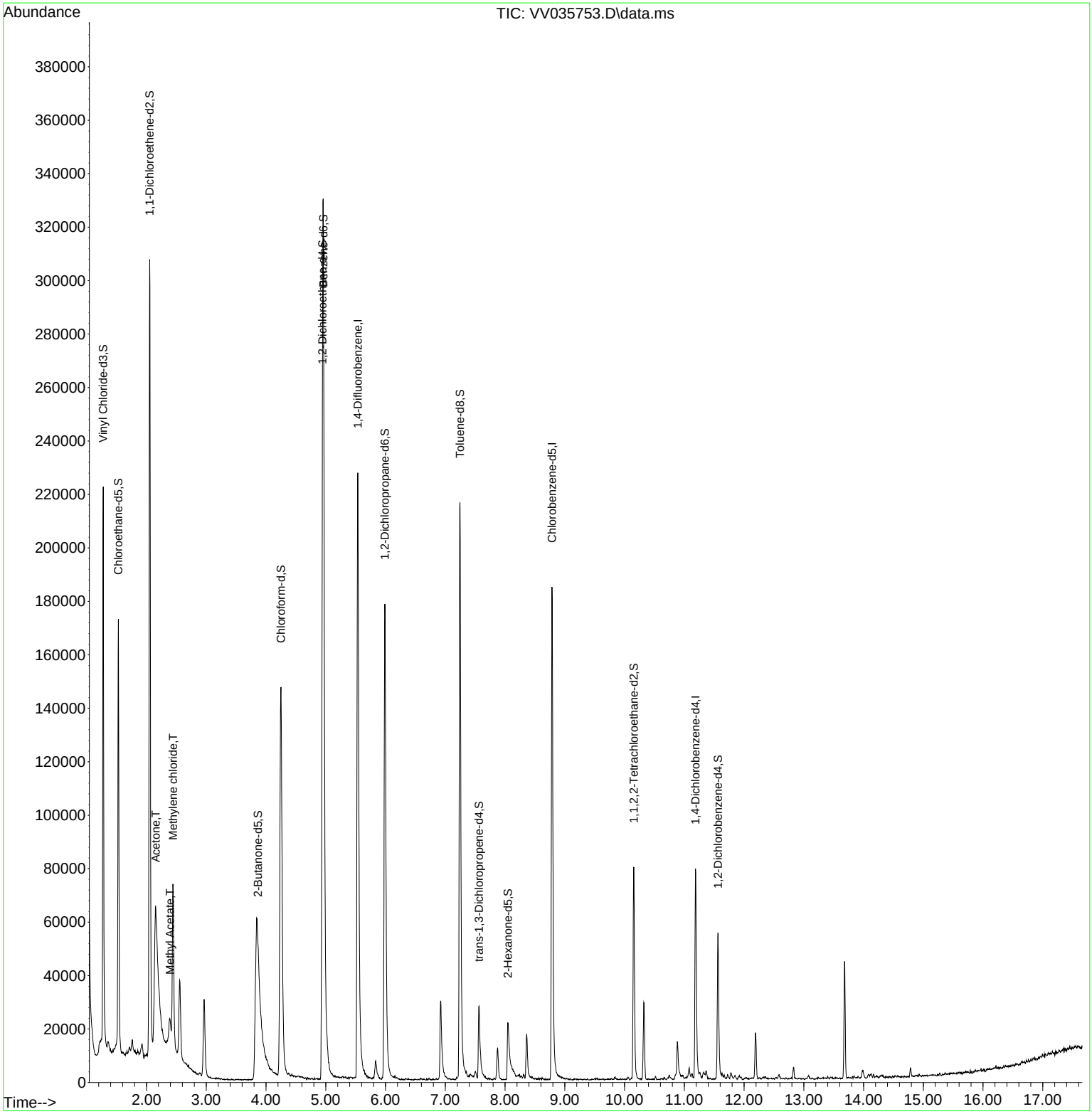

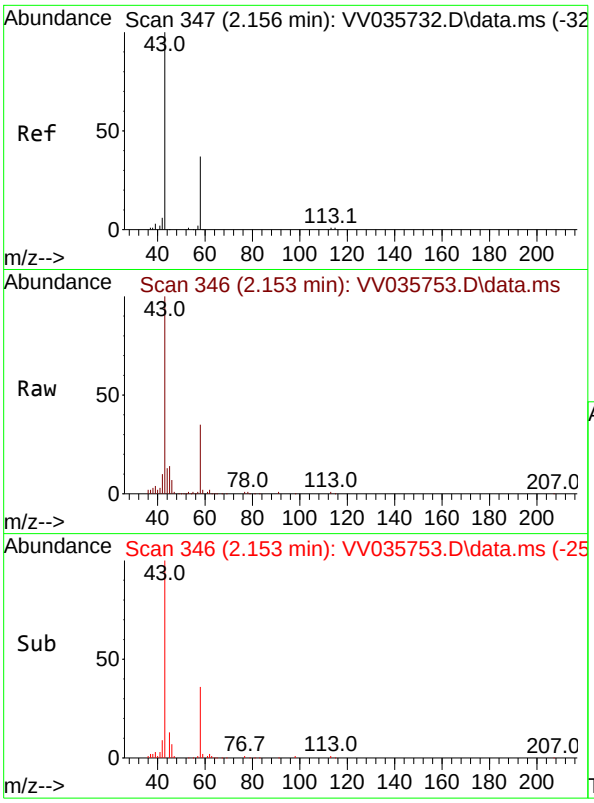

#13
Acetone
Concen: 138.217 ug/L m
RT: 2.153 min Scan# 34
Delta R.T. -0.003 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion: 43 Resp: 18485

Ion	Ratio	Lower	Upper
43	100		
58	0.1	0.0	22.8

Instrument :
MSVOA_V
ClientSampleId :
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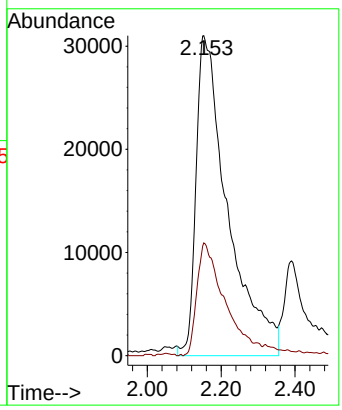
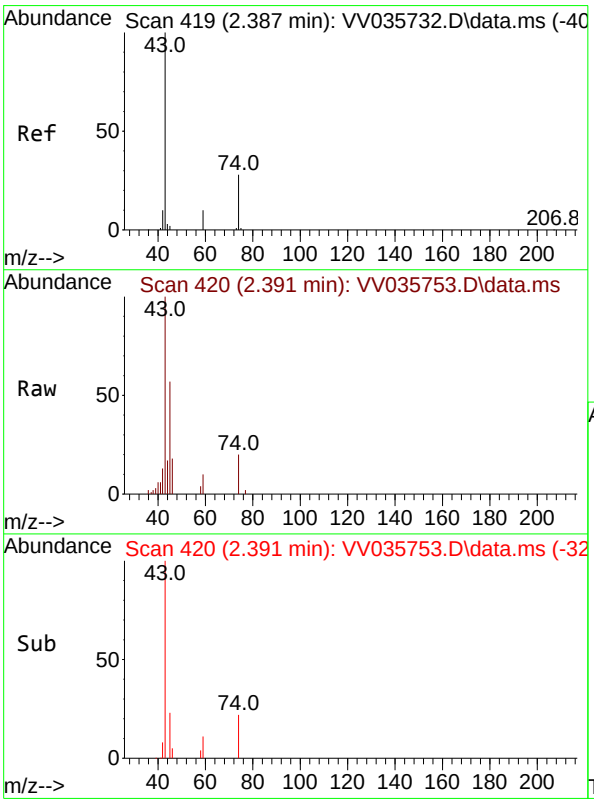
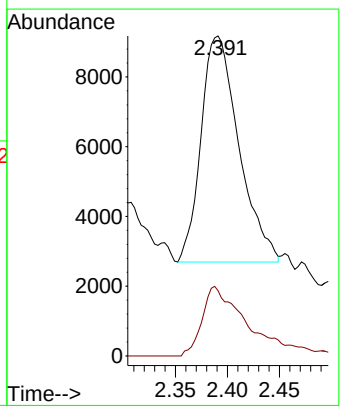


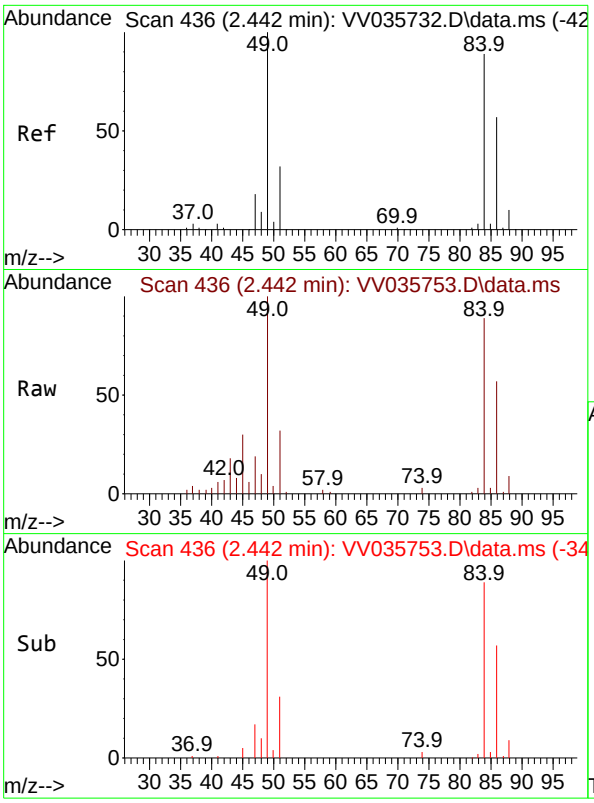


#15
Methyl Acetate
Concen: 8.112 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion: 43 Resp: 16437

Ion	Ratio	Lower	Upper
43	100		
74	32.6	18.6	27.8#

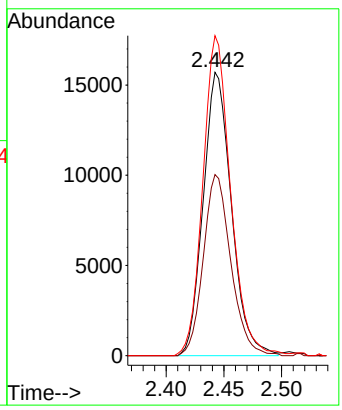




#16
Methylene chloride
Concen: 5.553 ug/L
RT: 2.442 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion: 84 Resp: 2667

Ion	Ratio	Lower	Upper
84	100		
86	63.9	43.8	81.3
49	112.9	75.3	139.9



Instrument :
MSVOA_V
ClientSampleId :
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