Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057422.D
Acq On : 09 Jan 2024 07:35
Operator : MD/SY
Sample : P1058-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YCHG8

Quant Time: Jan 09 07:47:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	265151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74252	40.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.380%			
7) Chloroethane-d5	1.914	69	57766	40.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.800%			
11) 1,1-Dichloroethene-d2	2.557	63	128387	33.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.380%			
21) 2-Butanone-d5	4.631	46	86418	97.725	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.730%			
24) Chloroform-d	5.055	84	180770	41.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.780%			
26) 1,2-Dichloroethane-d4	5.692	65	127852	44.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.700%			
32) Benzene-d6	5.721	84	320037	46.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	6.682	67	90035	46.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.100%			
41) Toluene-d8	7.891	98	284968	43.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.780%			
43) trans-1,3-Dichloroprop...	8.174	79	51318	43.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.940%			
47) 2-Hexanone-d5	8.643	63	62787	98.225	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.230%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131218	44.906	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.820%			
66) 1,2-Dichlorobenzene-d4	12.190	152	102675	50.163	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.320%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	10666	5.937	ug/L #	1
13) Acetone	2.644	43	94898	88.124	ug/L	98
22) 2-Butanone	4.721	43	29754	28.041	ug/L	97
30) 1,1,1-Trichloroethane	5.306	97	10850	2.732	ug/L	93

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

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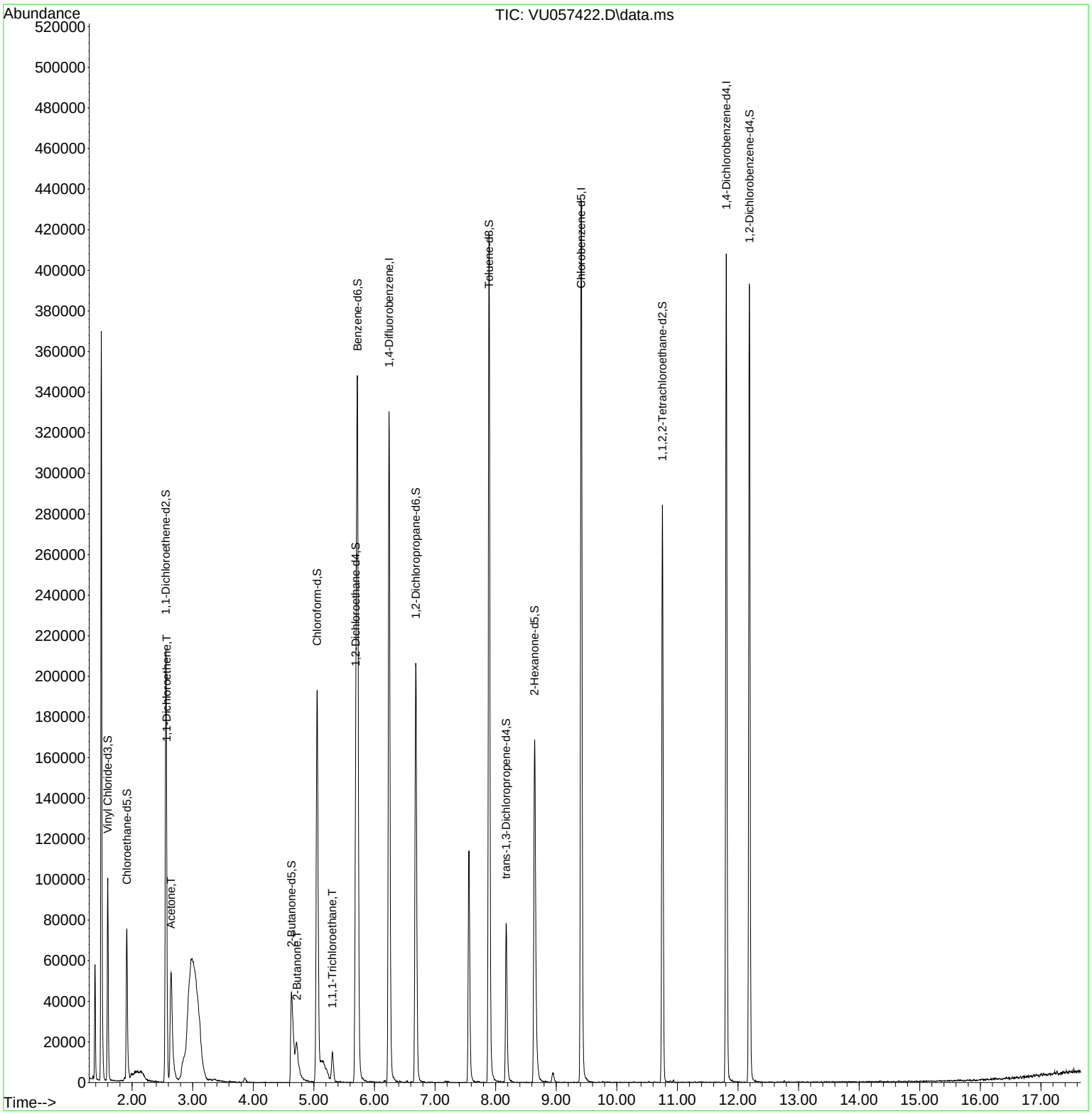
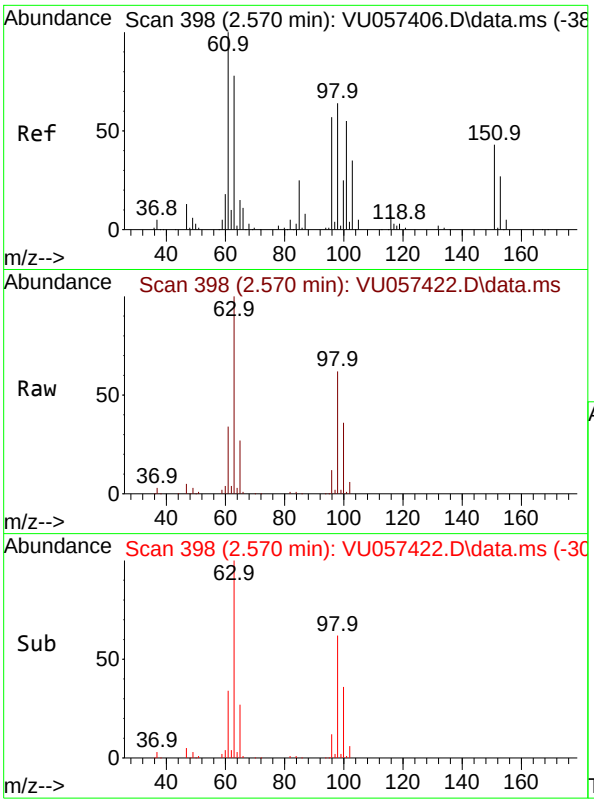


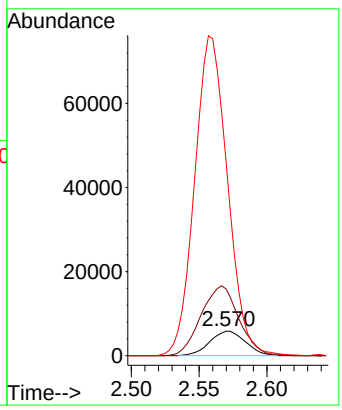


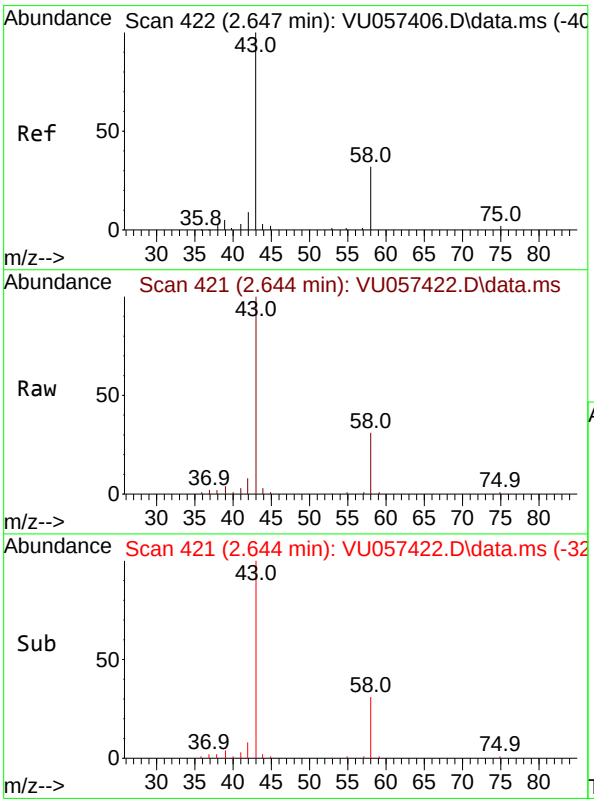
#12
1,1-Dichloroethene
Concen: 5.937 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU057422.D
Acq: 09 Jan 2024 07:35

Instrument :
MSVOA_U
ClientSampleId :
YCHG8

Tgt Ion: 96 Resp: 10666

Ion	Ratio	Lower	Upper
96	100		
61	273.8	128.3	238.3#
63	804.3	90.4	168.0#

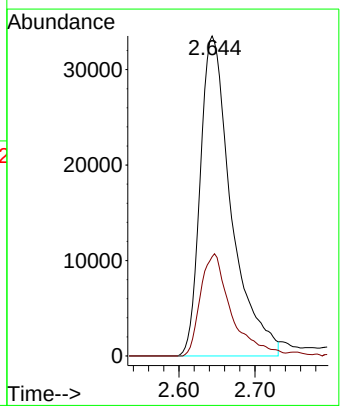


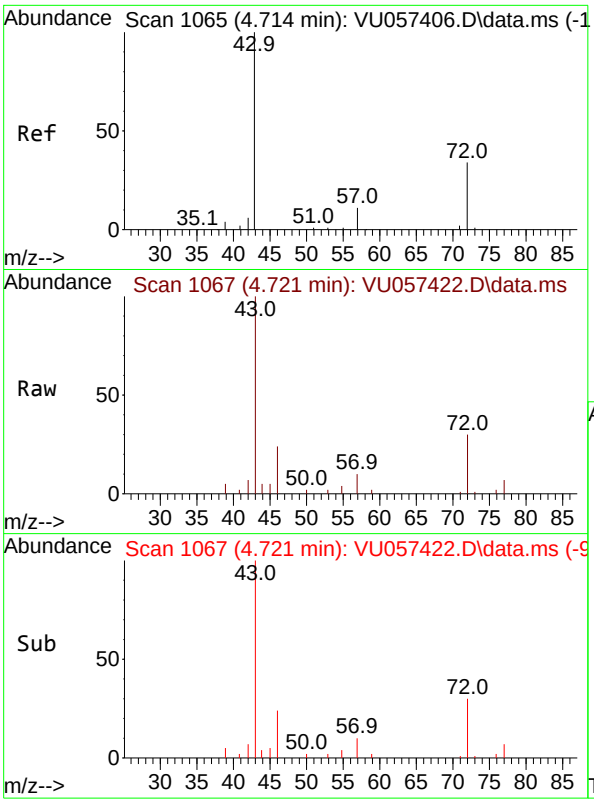


#13
Acetone
Concen: 88.124 ug/L
RT: 2.644 min Scan# 421
Delta R.T. -0.003 min
Lab File: VU057422.D
Acq: 09 Jan 2024 07:35

Tgt Ion: 43 Resp: 94898

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	65.2



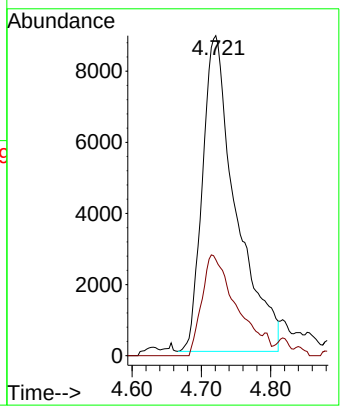


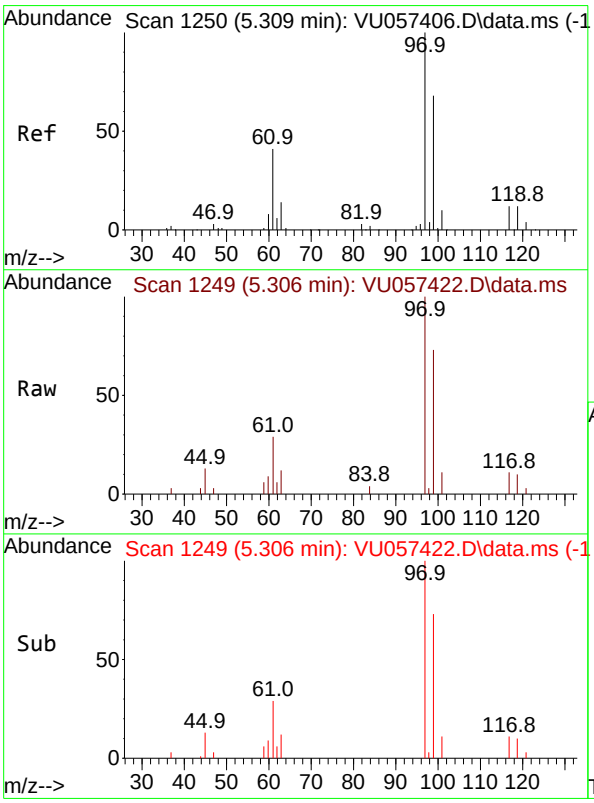
#22
2-Butanone
Concen: 28.041 ug/L
RT: 4.721 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU057422.D
Acq: 09 Jan 2024 07:35

Instrument :
MSVOA_U
ClientSampleId :
YCHG8

Tgt Ion: 43 Resp: 29754

Ion	Ratio	Lower	Upper
43	100		
72	32.1	15.2	45.6





#30
1,1,1-Trichloroethane
Concen: 2.732 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU057422.D
Acq: 09 Jan 2024 07:35

Tgt Ion: 97 Resp: 10850

Ion	Ratio	Lower	Upper
97	100		
99	69.1	52.1	78.1
61	33.9	31.9	47.9