Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
Data File : VU050459.D
Acq On : 26 Aug 2022 16:01
Operator : SY/MD
Sample : N4322-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY177

Quant Time: Aug 27 02:47:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 27 02:44:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	302105	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	302043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163495	45.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.540%			
7) Chloroethane-d5	1.899	69	130876	49.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.020%			
11) 1,1-Dichloroethene-d2	2.559	63	184339	36.515	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.040%			
21) 2-Butanone-d5	4.623	46	245743	105.102	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.100%			
24) Chloroform-d	5.063	84	274618	47.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.780%			
26) 1,2-Dichloroethane-d4	5.703	65	177087	49.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.380%			
32) Benzene-d6	5.729	84	550991	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.740%			
36) 1,2-Dichloropropane-d6	6.690	67	185714	50.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.460%			
41) Toluene-d8	7.899	98	451923	46.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.560%			
43) trans-1,3-Dichloroprop...	8.179	79	71415	46.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.620%			
47) 2-Hexanone-d5	8.635	63	140365	102.303	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.300%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	272568	47.798	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	12.195	152	140787	54.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.420%			
Target Compounds						Qvalue
13) Acetone	2.629	43	4844	3.151	ug/L	96
19) 1,1-Dichloroethane	3.867	63	13203	3.128	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	385686	111.610	ug/L	100
34) Trichloroethene	6.542	95	762934	352.448	ug/L	100

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

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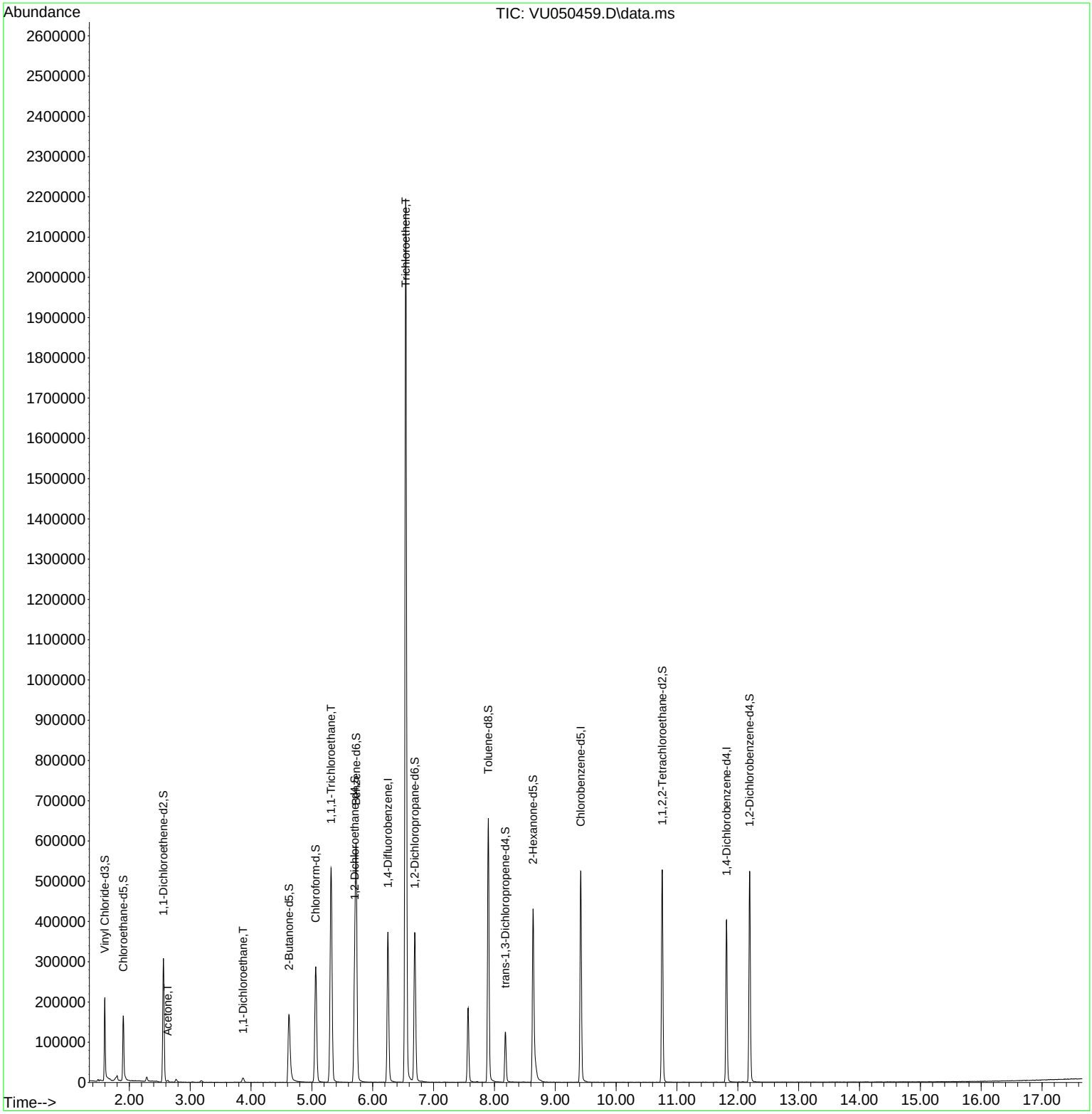
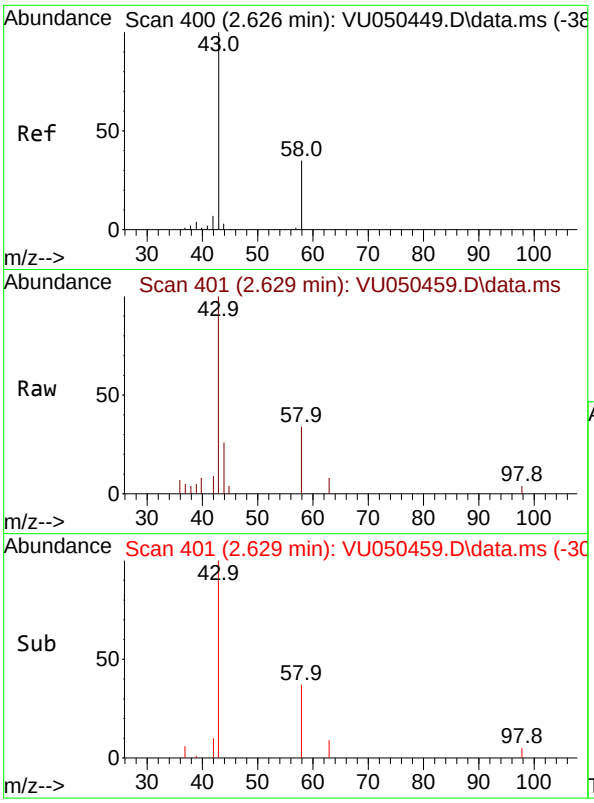


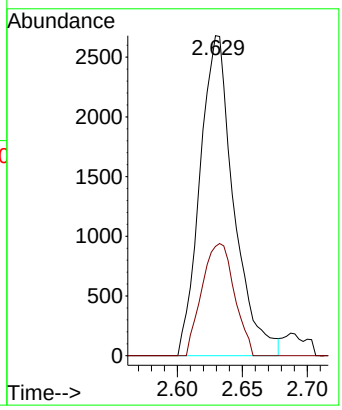


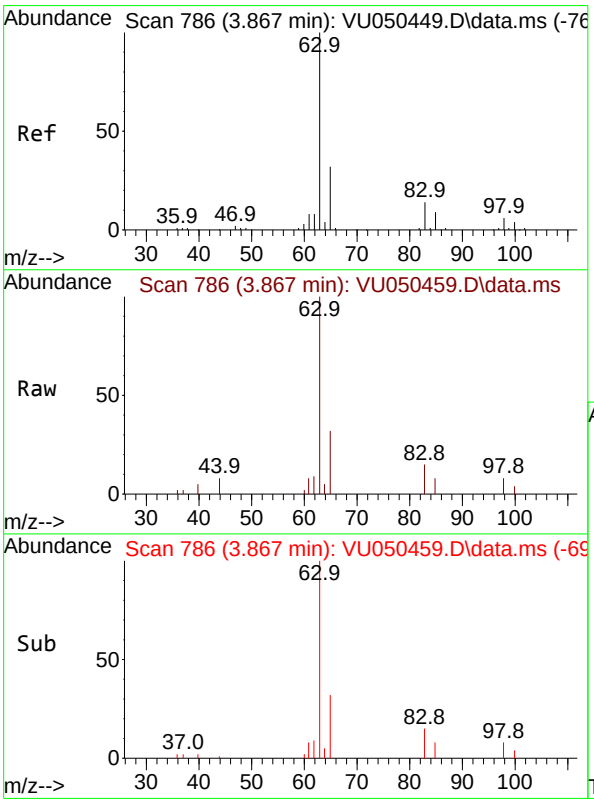
#13
Acetone
Concen: 3.151 ug/L
RT: 2.629 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Instrument :
MSVOA_U
ClientSampleId :
EY177

Tgt Ion: 43 Resp: 4844

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	72.2

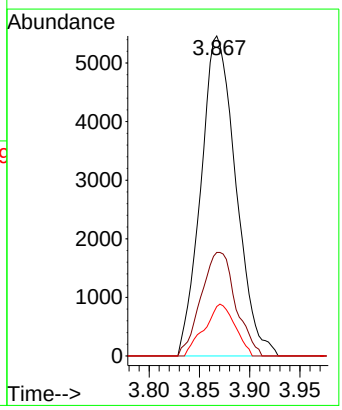


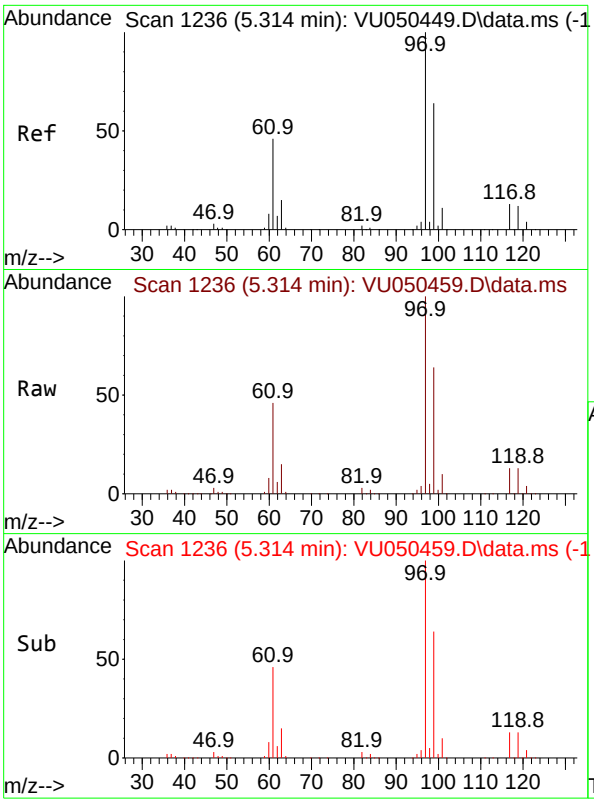


#19
1,1-Dichloroethane
Concen: 3.128 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Tgt Ion: 63 Resp: 13203

Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.3	43.3
83	14.8	9.0	16.8



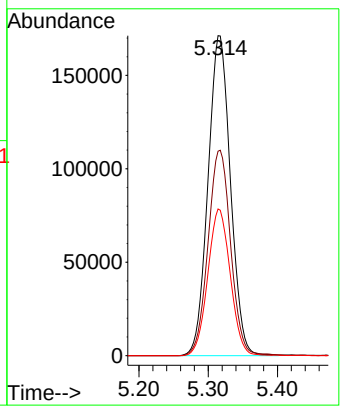


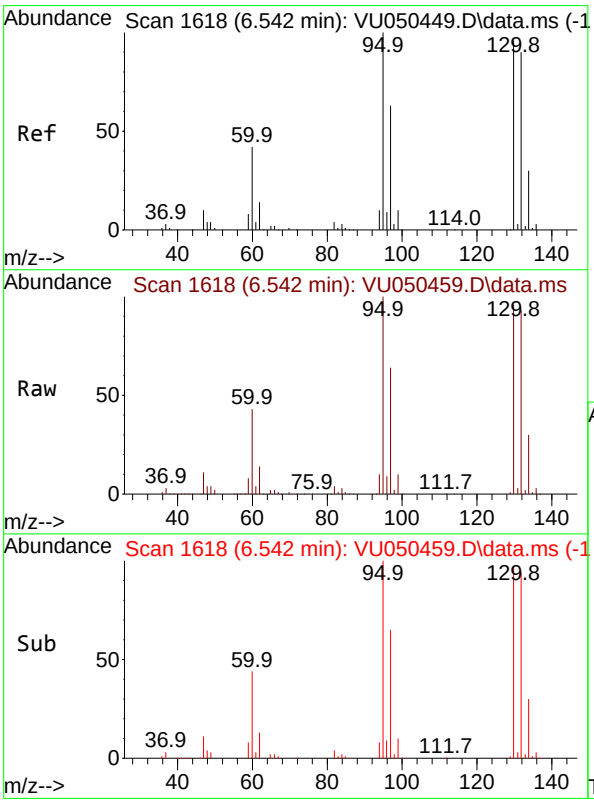
#30
1,1,1-Trichloroethane
Concen: 111.610 ug/L
RT: 5.314 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Instrument :
MSVOA_U
ClientSampleId :
EY177

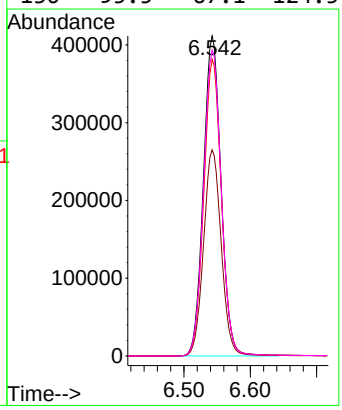
Tgt Ion: 97 Resp: 385686

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	45.8	36.6	55.0





#34
Trichloroethene
Concen: 352.448 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Tgt Ion: 95 Resp: 762934

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.2	84.0
132	92.7	64.4	119.6
130	95.5	67.1	124.5