Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056808.D
Acq On : 13 Dec 2023 01:23
Operator : MD/SY
Sample : 05675-14DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB7DL

Quant Time: Dec 13 04:59:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	242006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79654	3.912	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.200%			
7) Chloroethane-d5	1.907	69	64082	4.206	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.563	65	36574	4.198	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	4.621	46	212291	52.794	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.580%			
24) Chloroform-d	5.055	84	186745	4.843	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.695	65	92255	5.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.721	84	348814	4.647	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.685	67	112866	4.804	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.000%			
41) Toluene-d8	7.894	98	287969	4.292	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	8.177	79	38501	4.226	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.600%			
46) 2-Hexanone-d5	8.631	63	160815	46.797	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.600%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82280	4.840	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	105943	5.035	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	13109	0.680	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	24986	0.664	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	39582	1.861	ug/L	97
34) Trichloroethene	6.537	95	71694	3.073	ug/L	99
47) Tetrachloroethene	8.547	164	89288	5.468	ug/L	98

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

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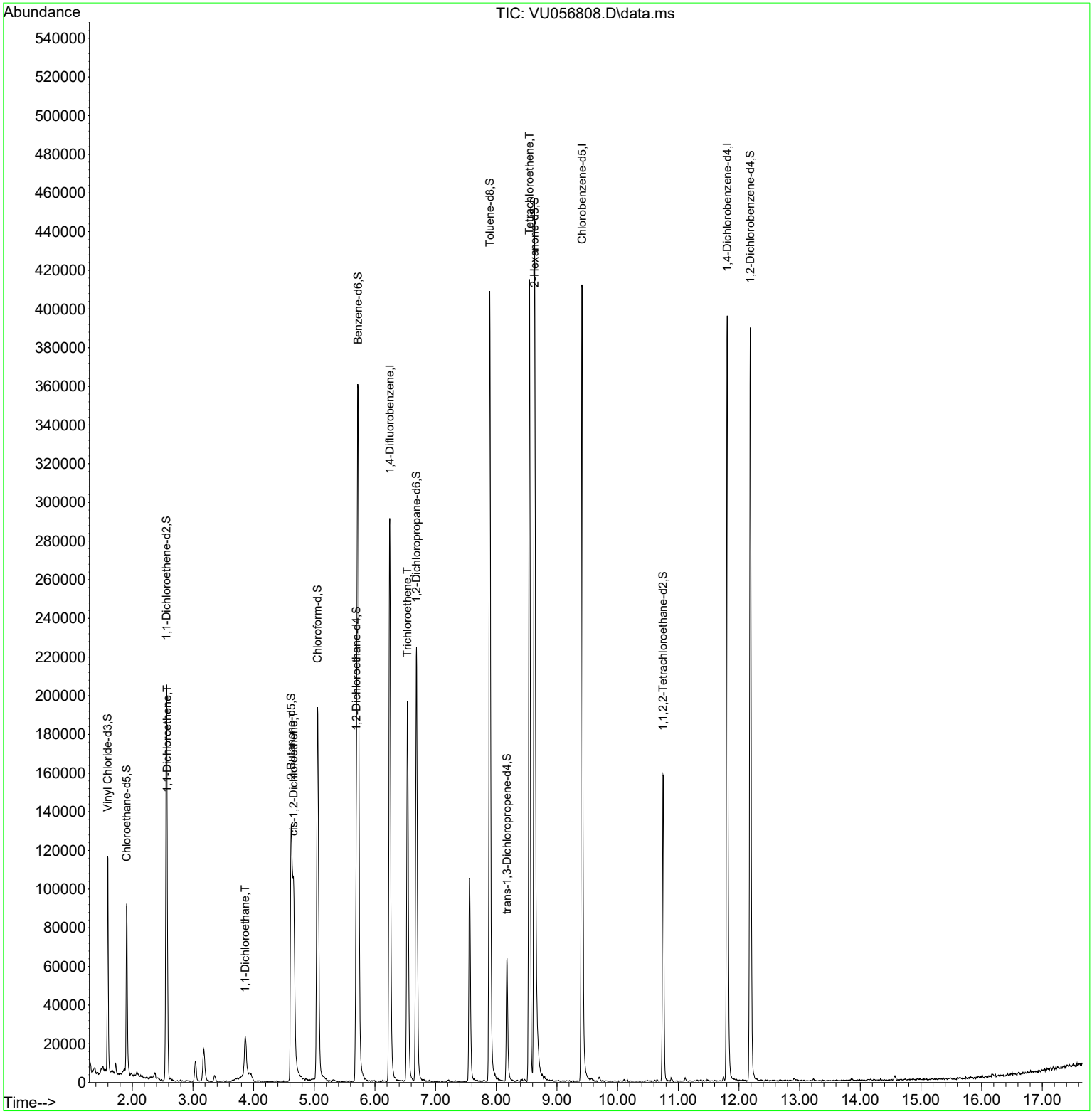
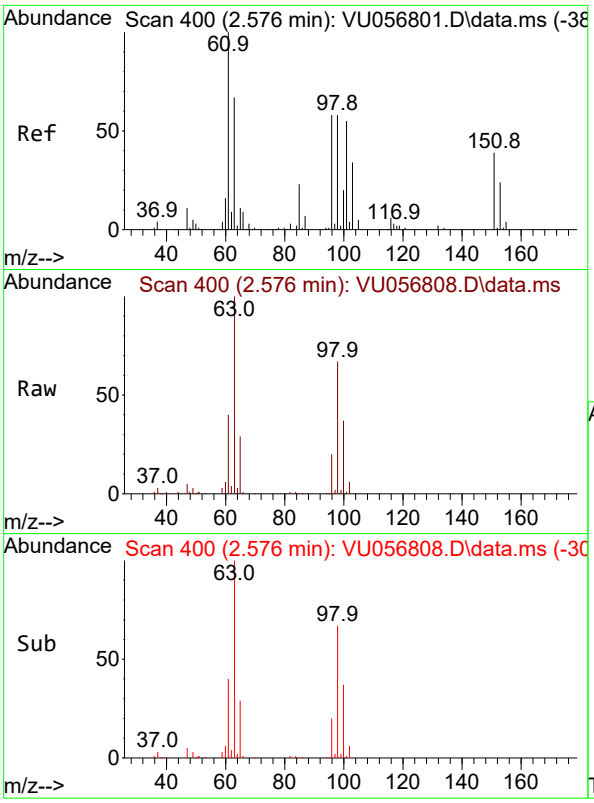


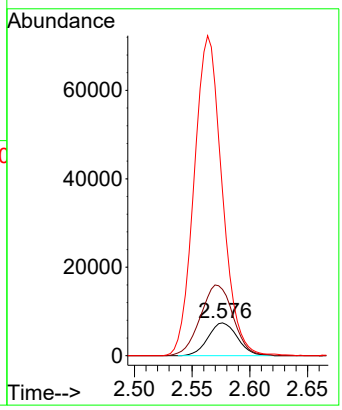


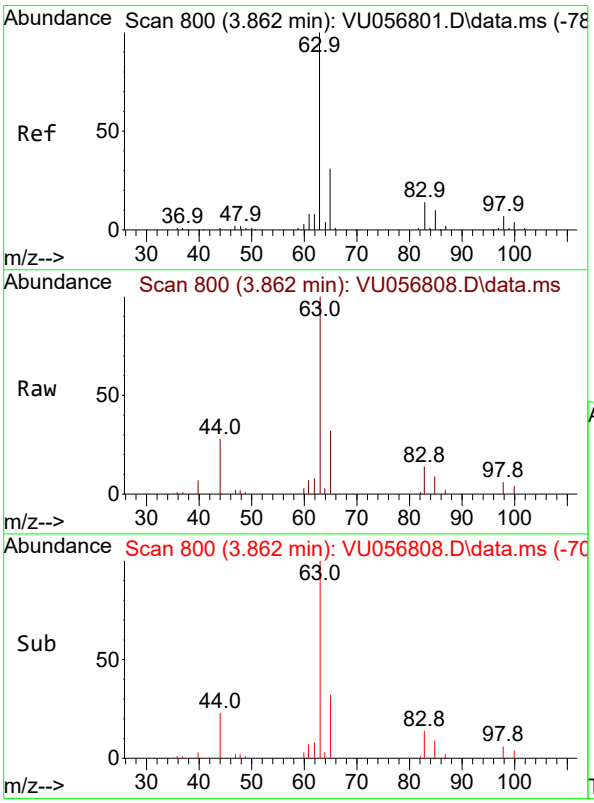
#12
1,1-Dichloroethene
Concen: 0.680 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU056808.D
Acq: 13 Dec 2023 01:23

Instrument :
MSVOA_U
ClientSampleId :
H0AB7DL

Tgt Ion: 96 Resp: 13109

Ion	Ratio	Lower	Upper
96	100		
61	202.3	119.0	221.0
63	501.6	88.7	164.7#

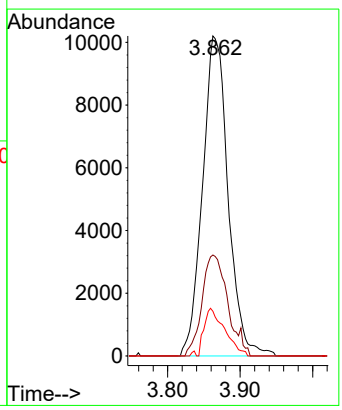


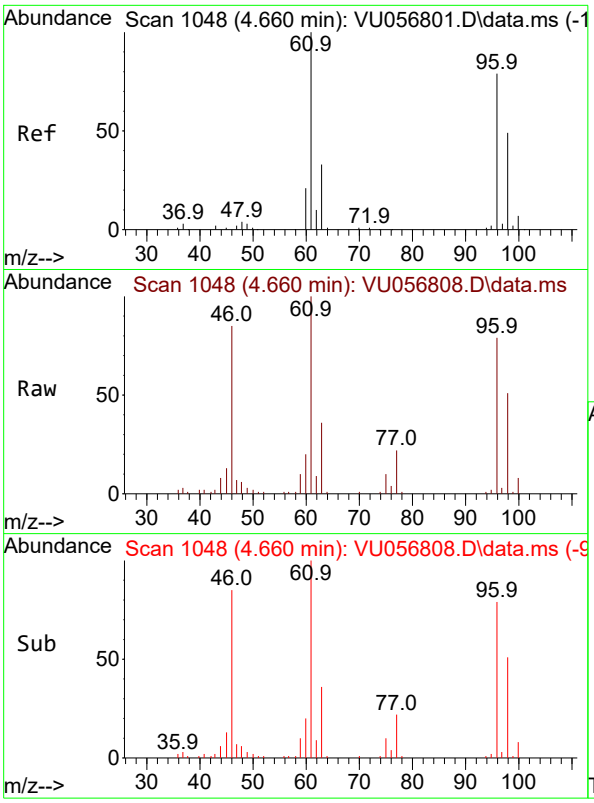


#19
1,1-Dichloroethane
Concen: 0.664 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056808.D
Acq: 13 Dec 2023 01:23

Tgt Ion: 63 Resp: 24986

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	42.5
83	13.9	10.1	18.9



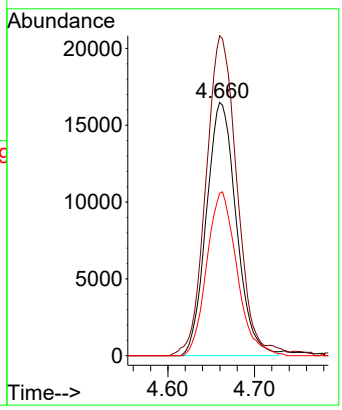


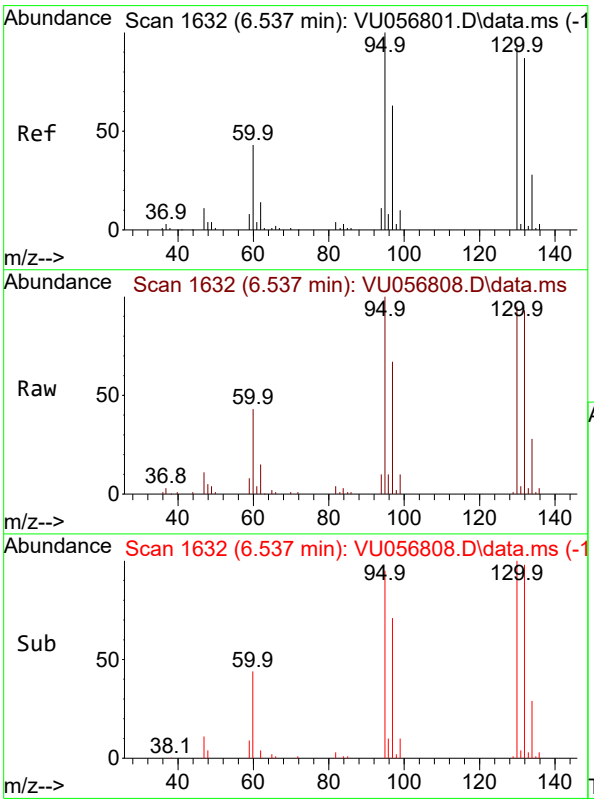
#22
cis-1,2-Dichloroethene
Concen: 1.861 ug/L
RT: 4.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056808.D
Acq: 13 Dec 2023 01:23

Instrument :
MSVOA_U
ClientSampleId :
H0AB7DL

Tgt Ion: 96 Resp: 39582

Ion	Ratio	Lower	Upper
96	100		
61	126.3	91.3	169.6
98	64.1	44.2	82.0

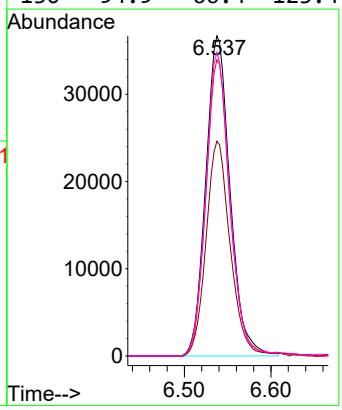


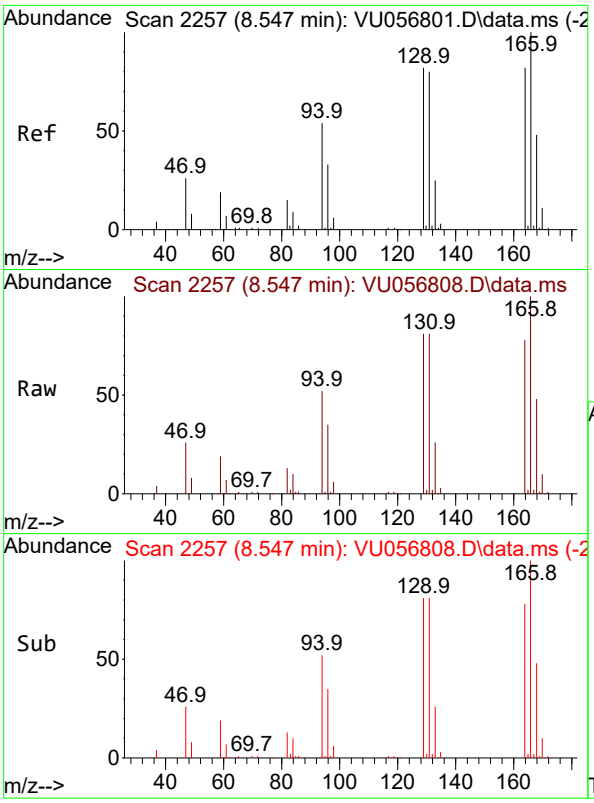


#34
Trichloroethene
Concen: 3.073 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056808.D
Acq: 13 Dec 2023 01:23

Tgt Ion: 95 Resp: 71694

Ion	Ratio	Lower	Upper
95	100		
97	67.1	46.1	85.5
132	92.6	63.6	118.0
130	94.9	66.4	123.4





#47
Tetrachloroethene
Concen: 5.468 ug/L
RT: 8.547 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056808.D
Acq: 13 Dec 2023 01:23

Instrument :
MSVOA_U
ClientSampleId :
H0AB7DL

Tgt Ion:164 Resp: 89288

Ion	Ratio	Lower	Upper
164	100		
129	103.6	73.4	136.4
131	104.2	71.5	132.9
166	128.7	92.7	172.1