Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
Data File : VU050263.D
Acq On : 12 Aug 2022 05:51
Operator : SY/MD
Sample : N4161-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGBZ7

Quant Time: Aug 12 07:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 04:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77434	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39394	6.113	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.200%			
7) Chloroethane-d5	1.909	69	31576	6.073	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.400%			
11) 1,1-Dichloroethene-d2	2.565	65	14248	5.657	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 113.200%			
20) 2-Butanone-d5	4.629	46	99184	63.116	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.240%			
24) Chloroform-d	5.063	84	68137	5.685	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.600%			
26) 1,2-Dichloroethane-d4	5.700	65	37082	6.025	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.600%			
32) Benzene-d6	5.729	84	130939	5.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
36) 1,2-Dichloropropane-d6	6.690	67	45963	5.571	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.400%			
41) Toluene-d8	7.899	98	101502	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.182	79	13163	4.452	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.000%			
46) 2-Hexanone-d5	8.636	63	49965	47.656	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.320%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39626	5.469	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	32815	5.558	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.200%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.665	96	26492	3.983	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	5817	0.591	ug/L	97
33) Benzene	5.777	78	6002	0.213	ug/L	100
34) Trichloroethene	6.542	95	87132	12.807	ug/L	97

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

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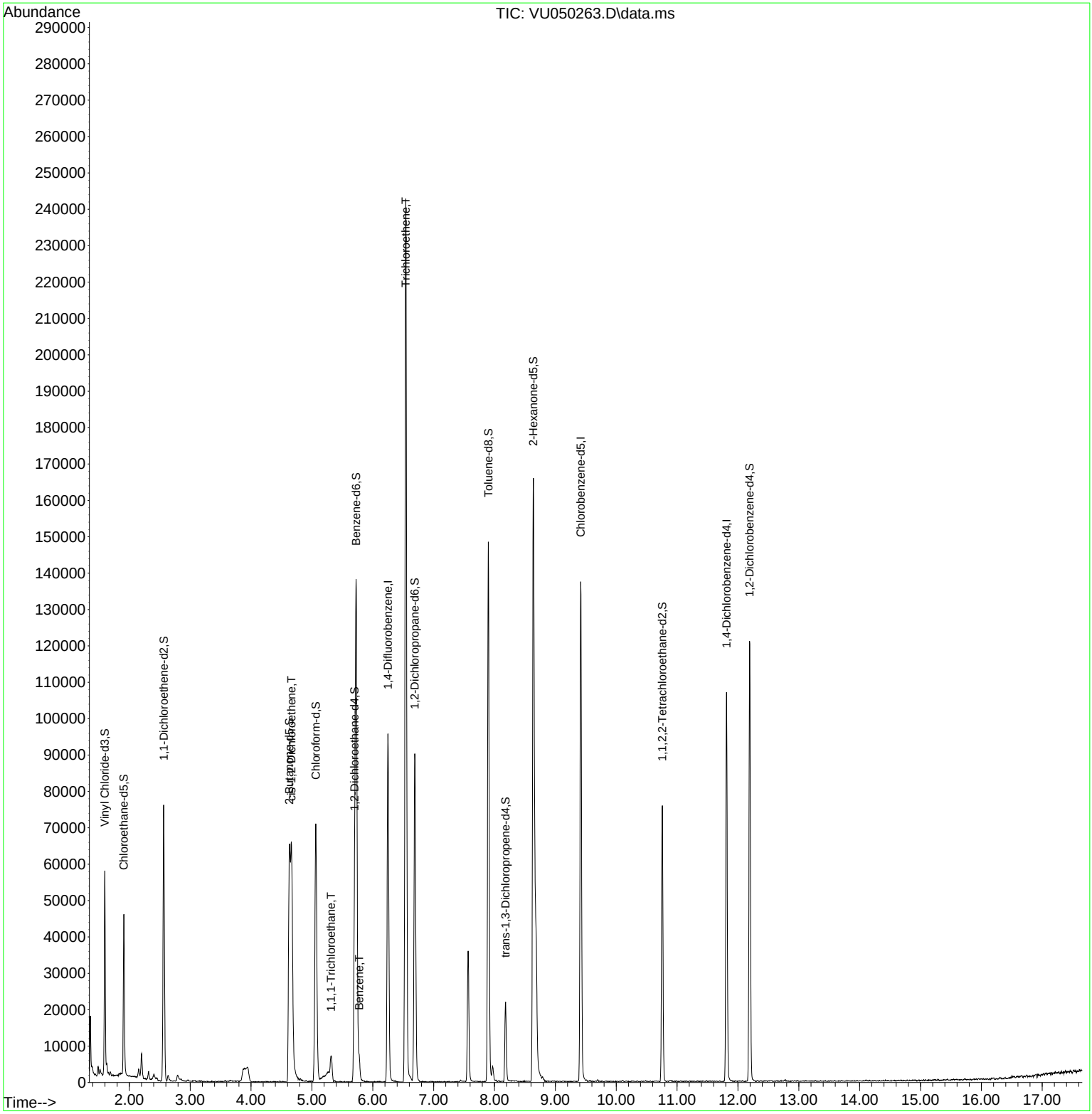
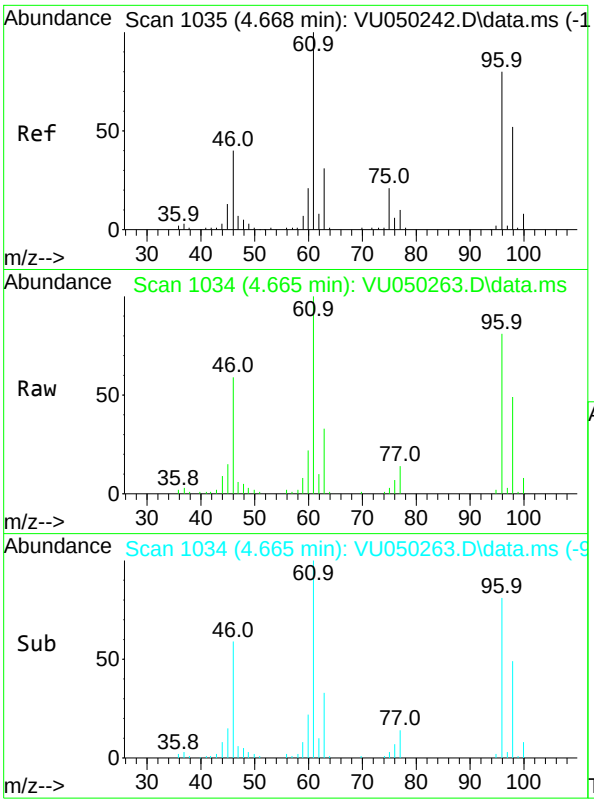


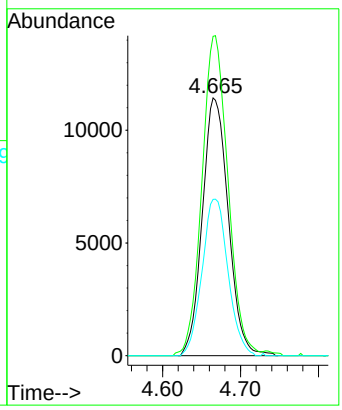


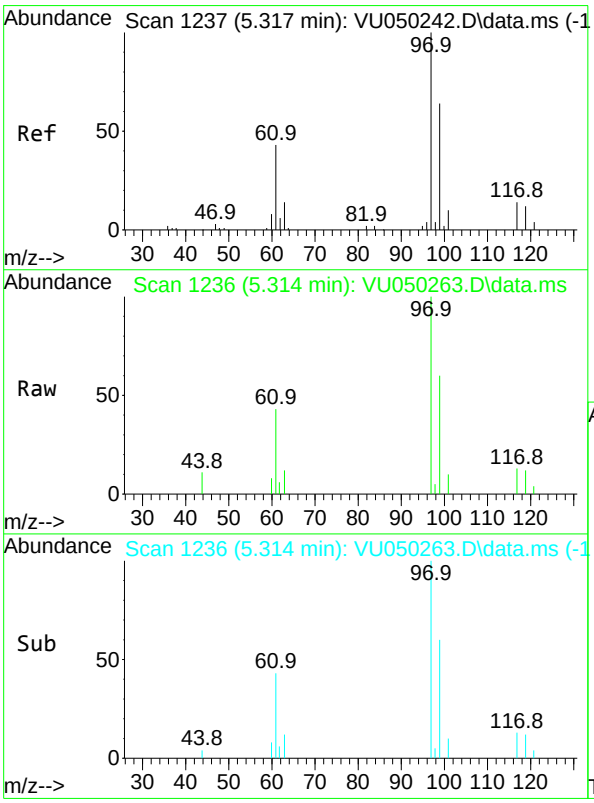
#22
cis-1,2-Dichloroethene
Concen: 3.983 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Instrument :
MSVOA_U
ClientSampleId :
BGBZ7

Tgt Ion: 96 Resp: 26492

Ion	Ratio	Lower	Upper
96	100		
61	123.9	89.0	165.4
98	60.6	45.2	84.0

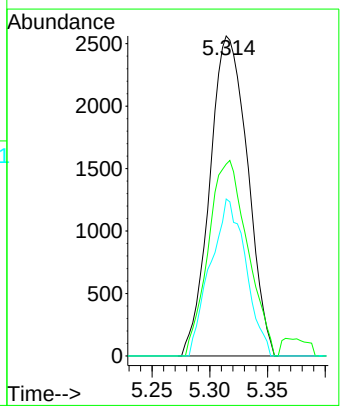


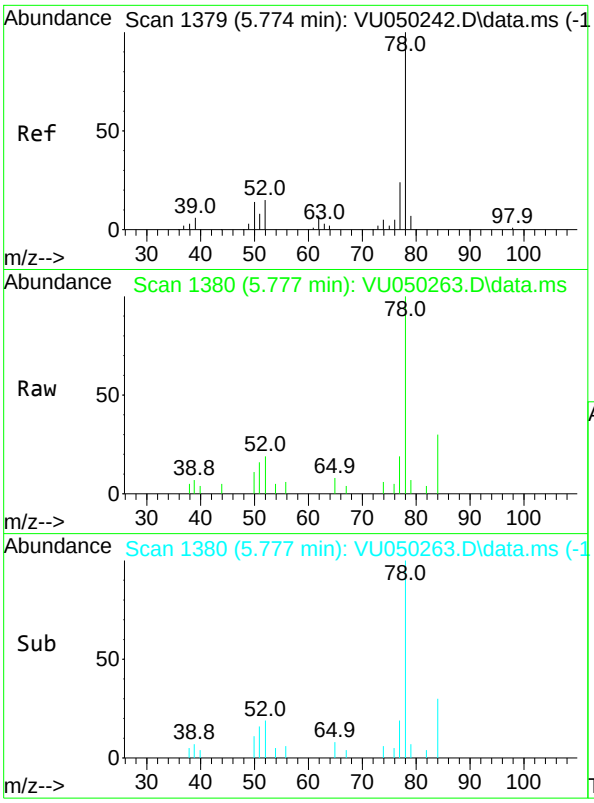


#29
1,1,1-Trichloroethane
Concen: 0.591 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Tgt Ion: 97 Resp: 5817

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	46.1	34.2	51.4

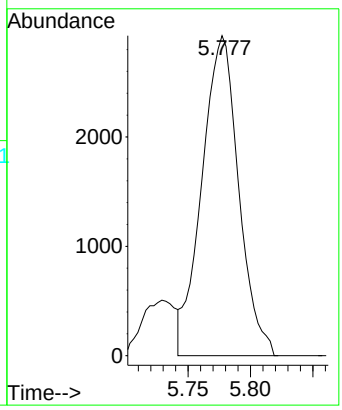


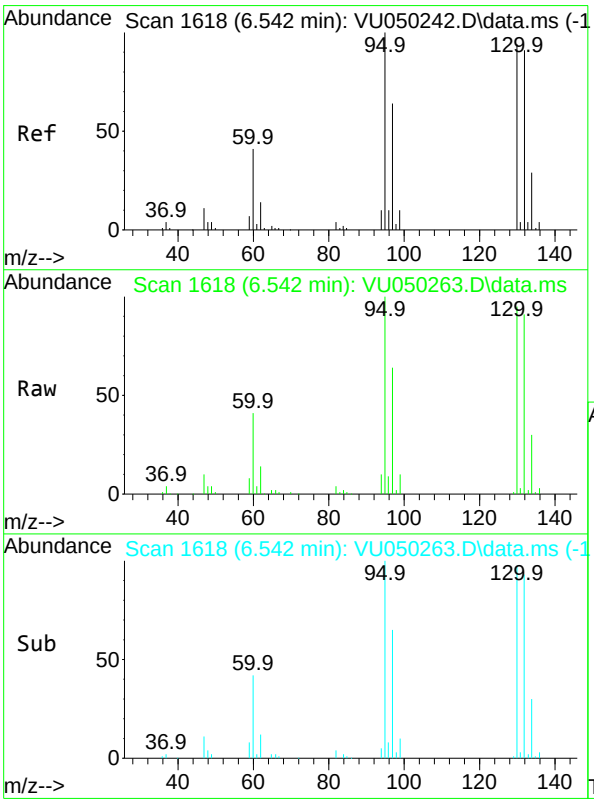


#33
Benzene
Concen: 0.213 ug/L
RT: 5.777 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Instrument :
MSVOA_U
ClientSampleId :
BGBZ7

Tgt Ion: 78 Resp: 6002





#34
Trichloroethene
Concen: 12.807 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050263.D
Acq: 12 Aug 2022 05:51

Tgt Ion: 95 Resp: 87132

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.8
132	90.8	65.0	120.6
130	95.0	69.3	128.7