Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050121.D
Acq On : 06 Aug 2022 02:07
Operator : SY/MD
Sample : N4070-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJJ9

Quant Time: Aug 06 06:06:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 06:03:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	71297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24735	4.169	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.400%			
7) Chloroethane-d5	1.909	69	24362	5.089	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.565	65	9937	4.285	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.800%			
20) 2-Butanone-d5	4.623	46	92691	64.061	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.120%			
24) Chloroform-d	5.063	84	60372	5.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.400%			
26) 1,2-Dichloroethane-d4	5.703	65	32125	5.669	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.400%			
32) Benzene-d6	5.729	84	115282	5.044	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
36) 1,2-Dichloropropane-d6	6.690	67	41301	5.487	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.800%			
41) Toluene-d8	7.899	98	90791	4.497	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
43) trans-1,3-Dichloroprop...	8.182	79	12693	4.706	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.200%			
46) 2-Hexanone-d5	8.632	63	65180	68.145	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.280%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37089	5.611	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	33628	5.945	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.800%			
Target Compounds						Qvalue
14) Carbon disulfide	2.793	76	5553	0.315	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	33753	5.511	ug/L	99
31) Carbon tetrachloride	5.523	117	923	0.125	ug/L	95
34) Trichloroethene	6.542	95	217060	34.972	ug/L	99

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

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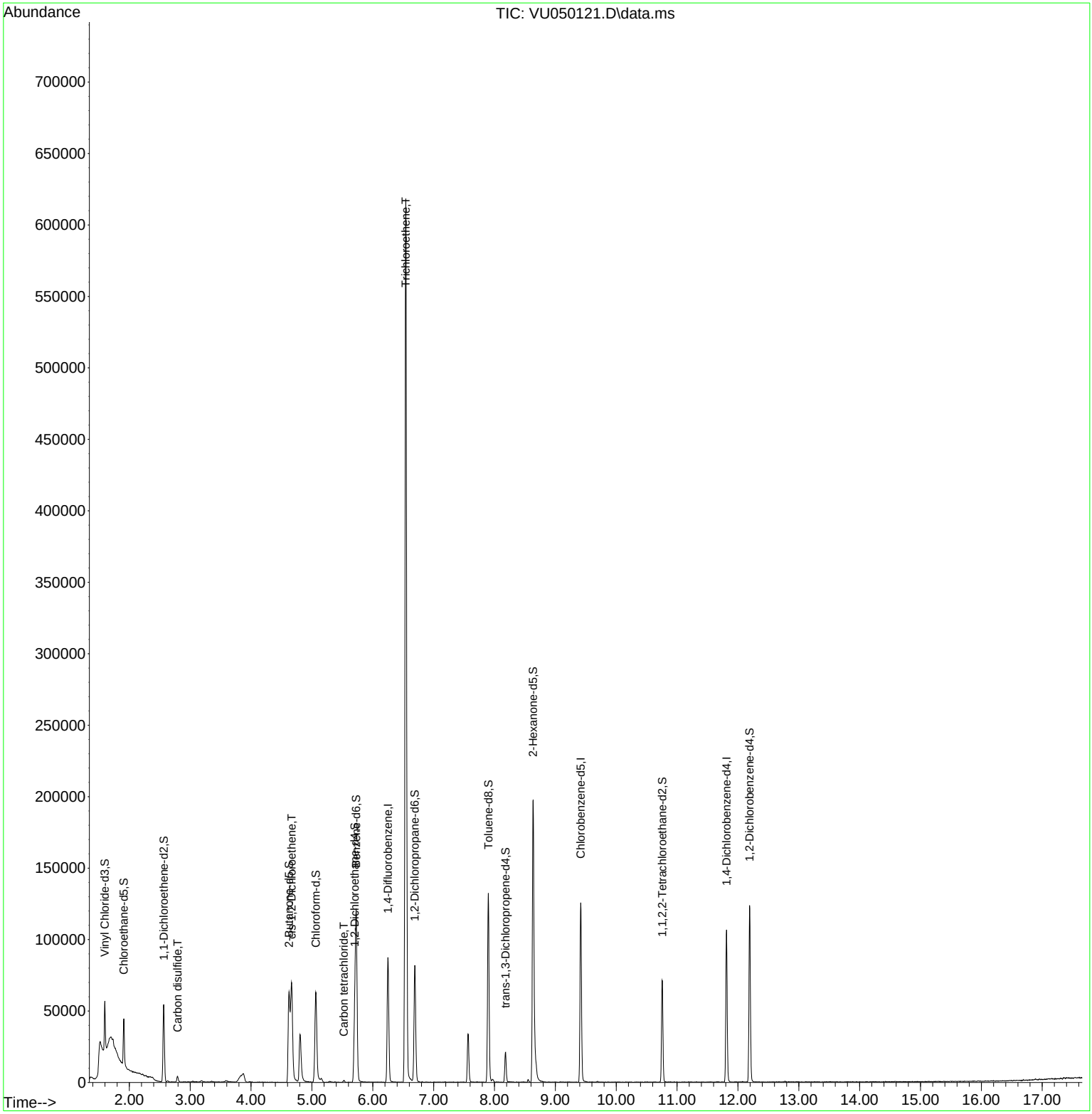
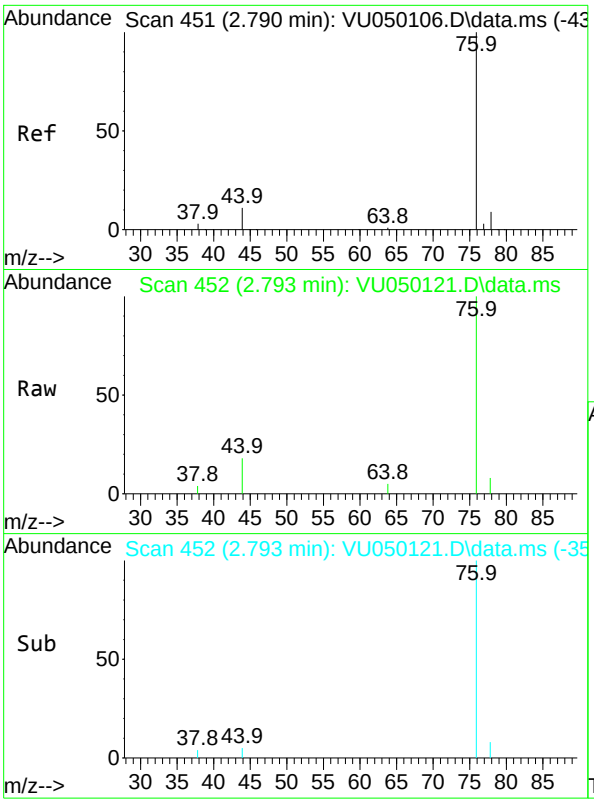


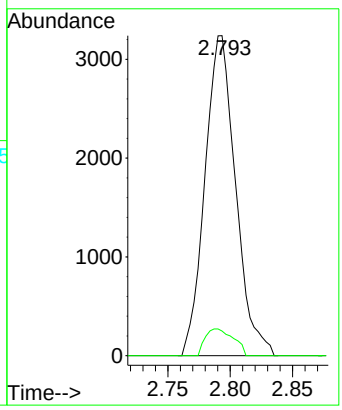


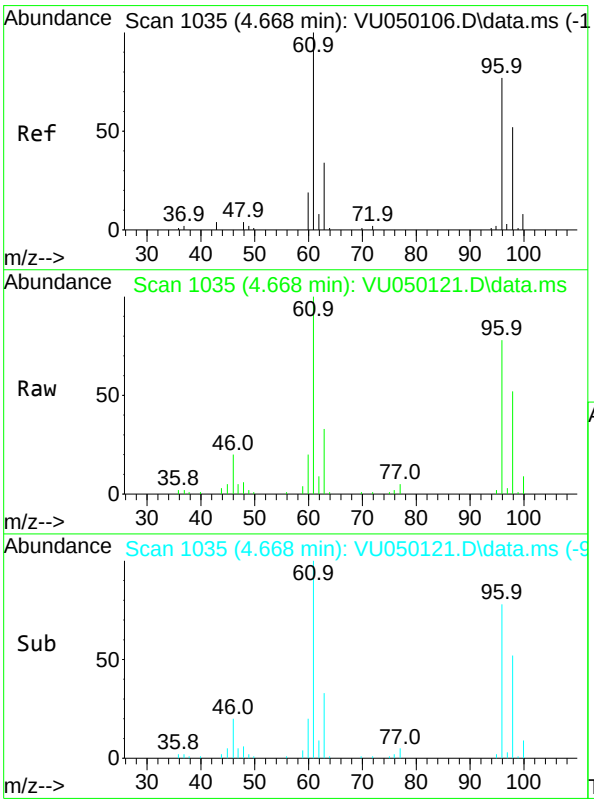
#14
Carbon disulfide
Concen: 0.315 ug/L
RT: 2.793 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU050121.D
Acq: 06 Aug 2022 02:07

Instrument :
MSVOA_U
ClientSampleId :
GBJJ9

Tgt Ion: 76 Resp: 5553

Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.4	11.0

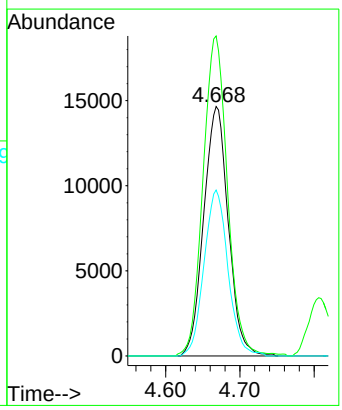


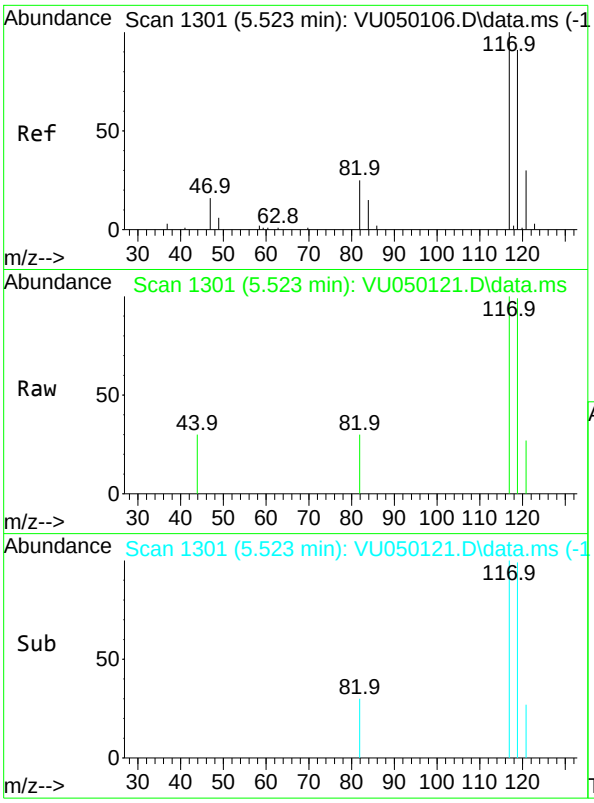


#22
cis-1,2-Dichloroethene
Concen: 5.511 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050121.D
Acq: 06 Aug 2022 02:07

Tgt Ion: 96 Resp: 33753

Ion	Ratio	Lower	Upper
96	100		
61	128.3	89.0	165.4
98	66.5	45.2	84.0



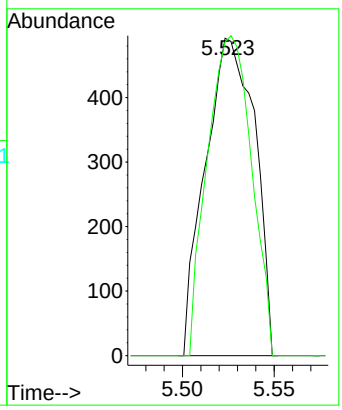


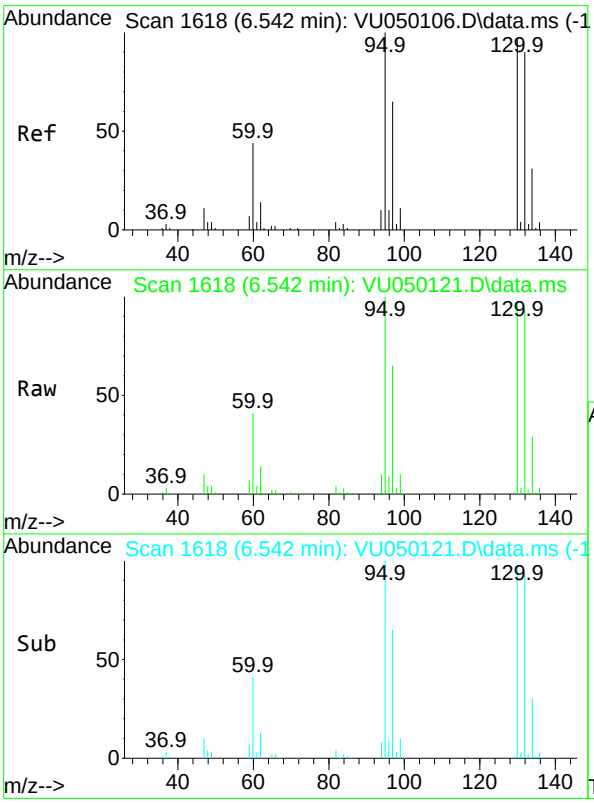
#31
Carbon tetrachloride
Concen: 0.125 ug/L
RT: 5.523 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050121.D
Acq: 06 Aug 2022 02:07

Instrument :
MSVOA_U
ClientSampleId :
GBJJ9

Tgt Ion:117 Resp: 923

Ion	Ratio	Lower	Upper
117	100		
119	89.7	76.0	114.0





#34
Trichloroethene
Concen: 34.972 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050121.D
Acq: 06 Aug 2022 02:07

Tgt Ion: 95 Resp: 217060

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	92.6	65.0	120.6
130	97.5	69.3	128.7