Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023508.D
Acq On : 16 Nov 2021 01:31
Operator : SY/MD
Sample : M4617-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG222

Quant Time: Nov 16 05:17:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39907	5.124	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.400%			
7) Chloroethane-d5	1.571	69	33030	5.204	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.000%			
11) 1,1-Dichloroethene-d2	2.111	63	54640	3.748	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.000%			
20) 2-Butanone-d5	3.896	46	68459	51.023	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.040%			
24) Chloroform-d	4.349	84	76012	4.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.034	65	36256	4.858	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	5.053	84	145725	4.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.069	67	43677	4.592	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.317	98	126557	4.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	7.625	79	14752	4.090	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.092	63	45021	33.929	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.860%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25652	3.750	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	49422	5.353	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	1333	0.086	ug/L	93
25) Chloroform	4.378	83	7143	0.436	ug/L	99
34) Trichloroethene	5.921	95	4373	0.467	ug/L	88
47) Tetrachloroethene	7.982	164	1115	0.137	ug/L	88

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

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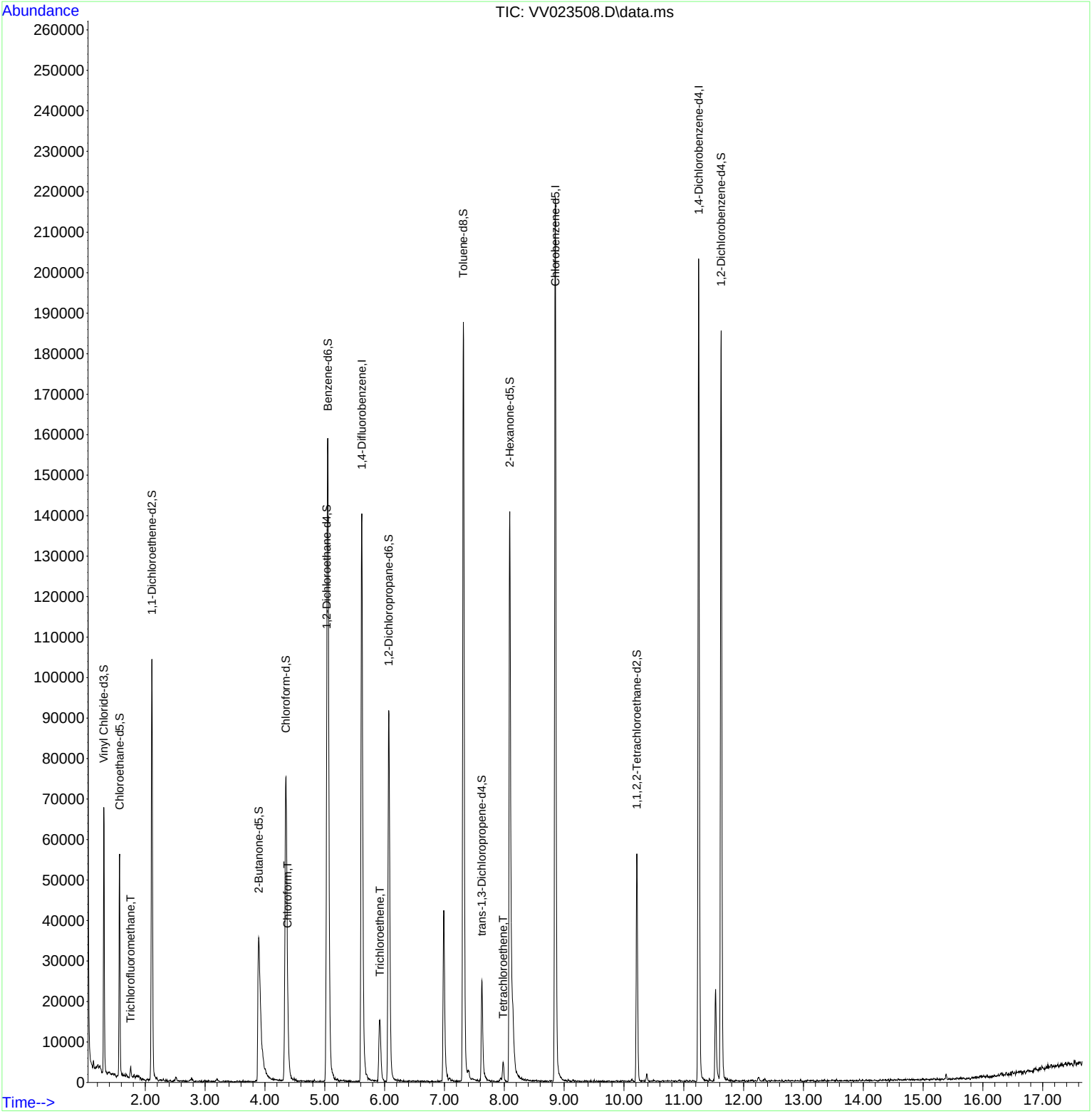
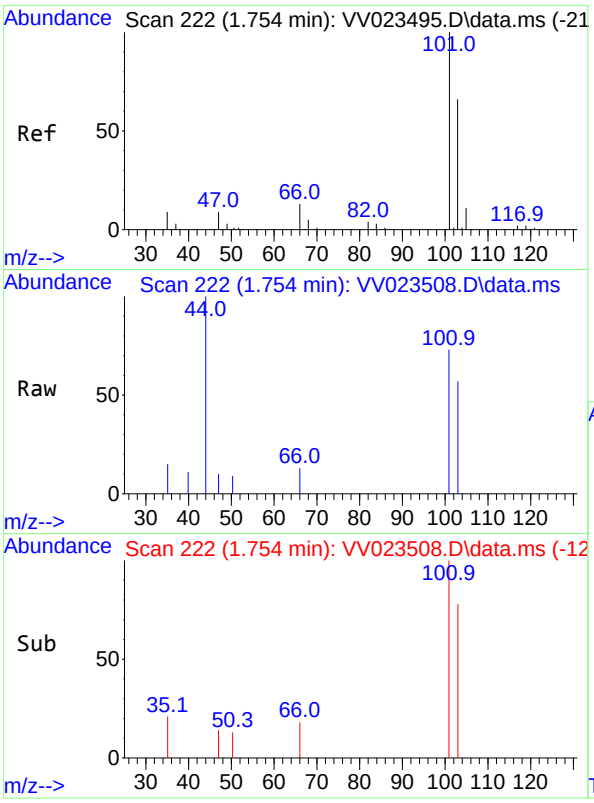


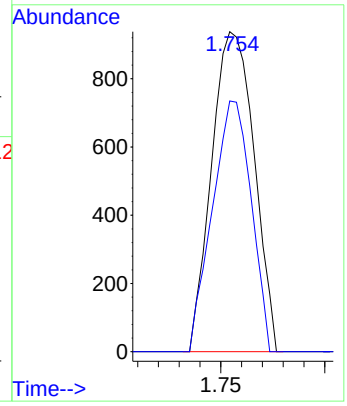


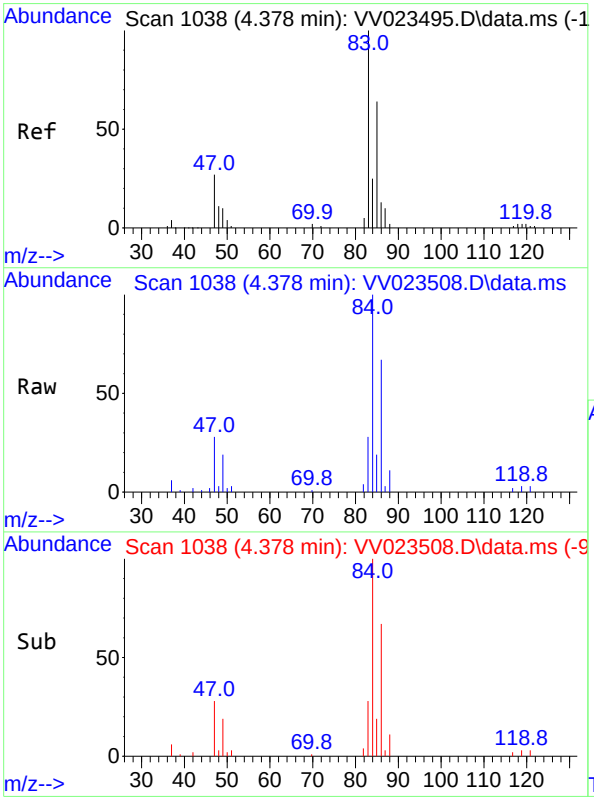
#9
Trichlorofluoromethane
Concen: 0.086 ug/L
RT: 1.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Instrument :
MSVOA_V
ClientSampleId :
BG222

Tgt Ion:101 Resp: 1333

Ion	Ratio	Lower	Upper
101	100		
103	71.5	52.6	79.0

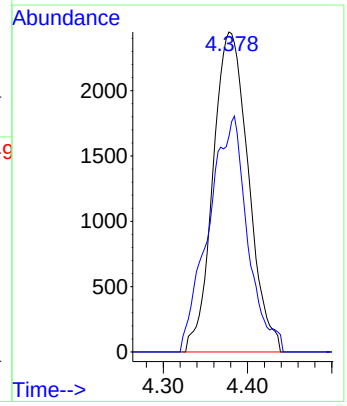


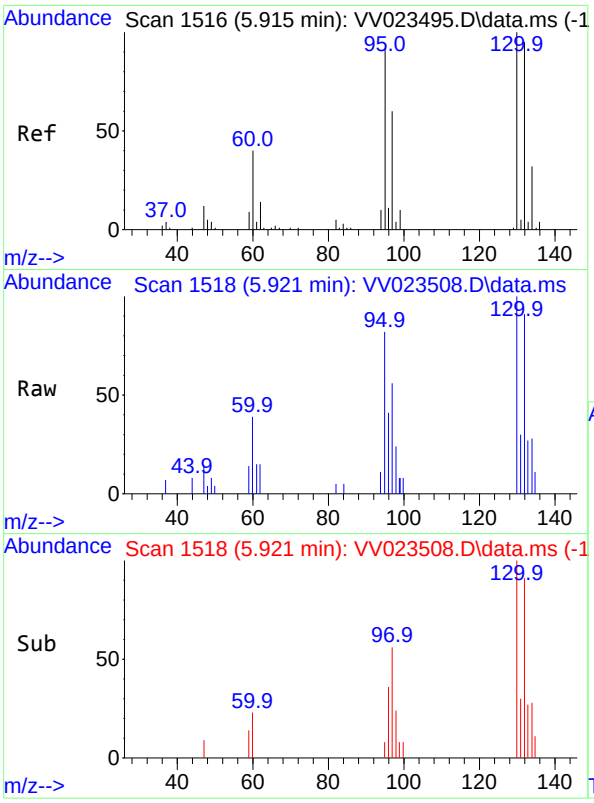


#25
Chloroform
Concen: 0.436 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Tgt Ion: 83 Resp: 7143

Ion	Ratio	Lower	Upper
83	100		
85	67.3	46.8	86.8



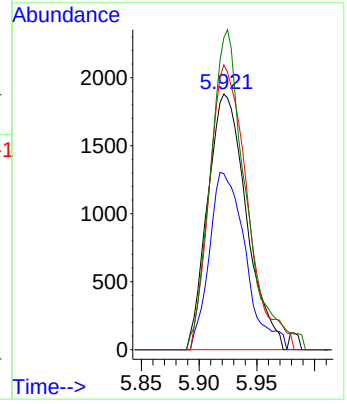


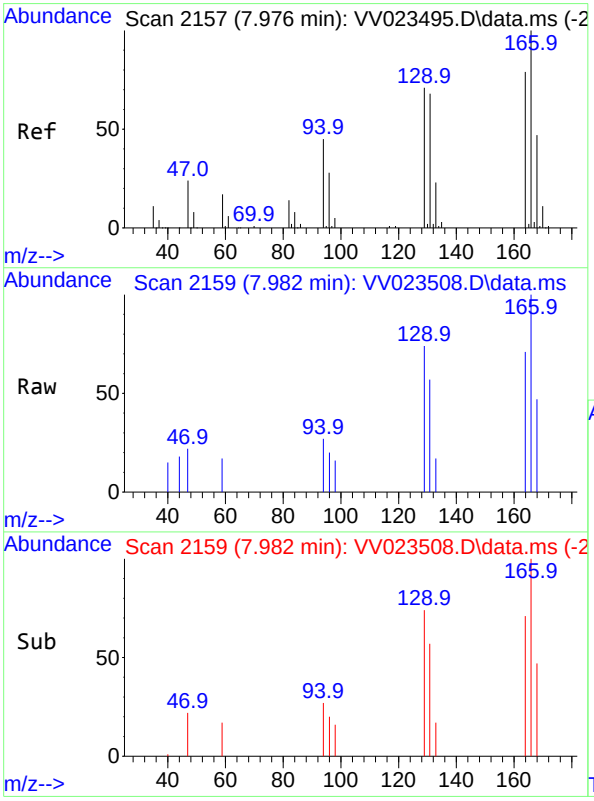
#34
Trichloroethene
Concen: 0.467 ug/L
RT: 5.921 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Instrument :
MSVOA_V
ClientSampleId :
BG222

Tgt Ion: 95 Resp: 4373

Ion	Ratio	Lower	Upper
95	100		
97	68.8	45.0	83.6
132	111.4	69.7	129.4
130	122.0	73.7	136.9





#47
Tetrachloroethene
Concen: 0.137 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Tgt Ion:164 Resp: 1115

Ion	Ratio	Lower	Upper
164	100		
129	104.2	64.0	119.0
131	80.0	63.4	117.8
166	140.3	89.3	165.9