Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
Data File : VU043884.D
Acq On : 21 May 2021 13:10
Operator : SY/MD
Sample : M2459-08 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : COGJ9

Quant Time: May 22 00:52:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 22 00:45:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	204472	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	209473	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100788	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61483	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.919	69	46786	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.575	65	28342	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.649	46	137082	47.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.64%			
24) Chloroform-d	5.073	84	116034	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.713	65	66654	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.735	84	249028	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.700	67	85017	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.906	98	211366	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloroprop...	8.185	79	24057	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.645	63	84529	29.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 59.64%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71825	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
66) 1,2-Dichlorobenzene-d4	12.198	152	87850	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4263	0.21	ug/L	98
25) Chloroform	5.099	83	10991	0.43	ug/L	96
34) Trichloroethene	6.549	95	708828	45.59	ug/L	96
47) Tetrachloroethene	8.558	164	2998	0.24	ug/L	98

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

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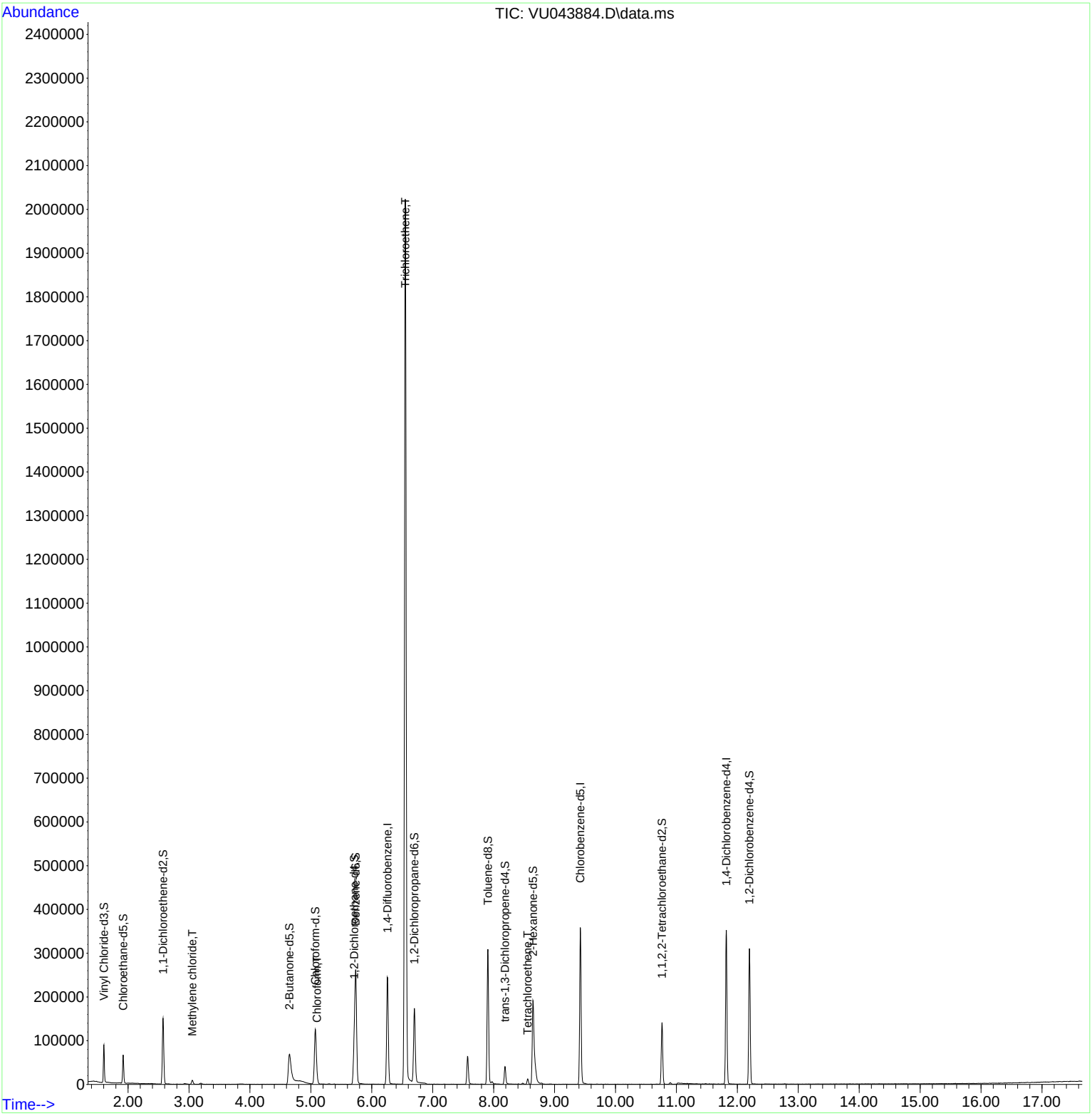
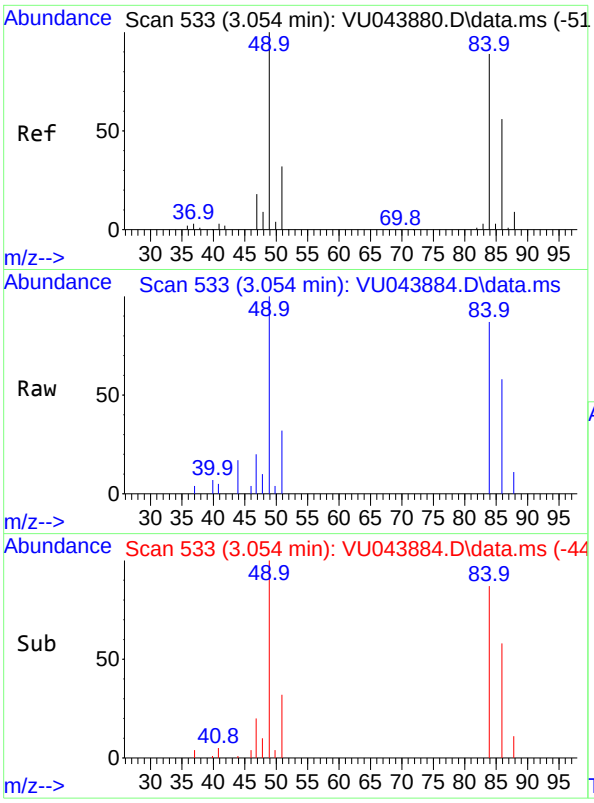
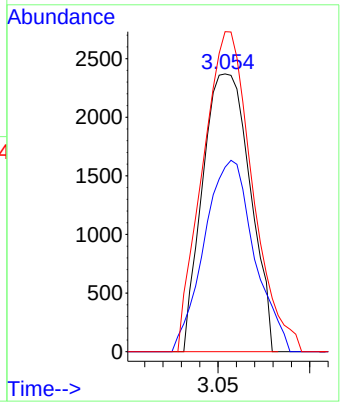




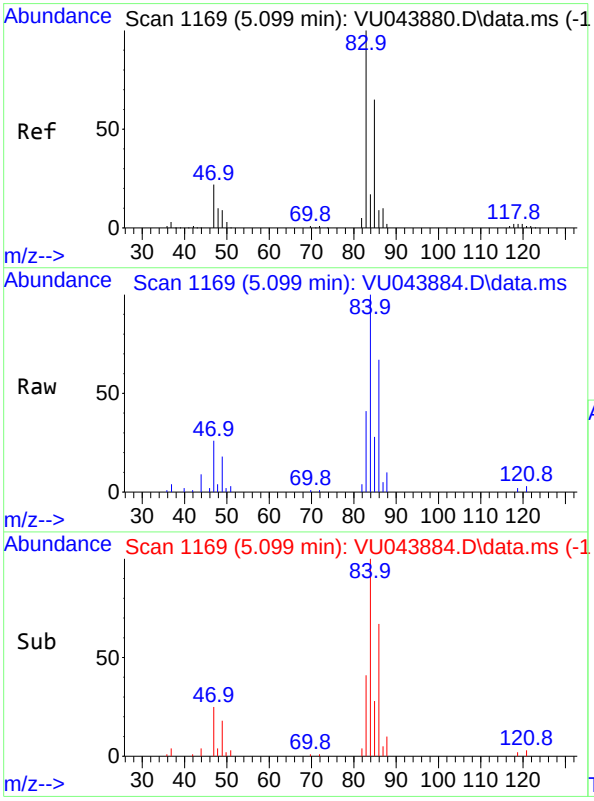
#16
Methylene chloride
Concen: 0.21 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion: 84 Resp: 4263

Ion	Ratio	Lower	Upper
84	100		
86	66.4	44.7	82.9
49	120.4	83.1	154.3



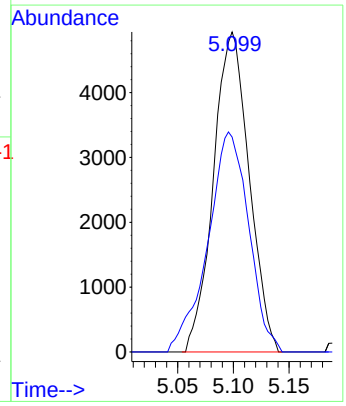
Instrument :
MSVOA_U
ClientSampleId :
COGJ9

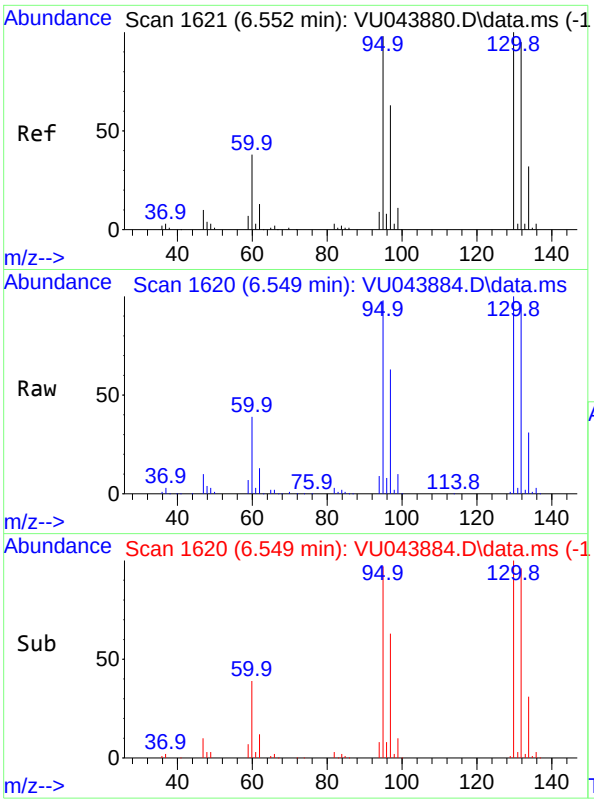


#25
Chloroform
Concen: 0.43 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion: 83 Resp: 10991

Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.0	83.6

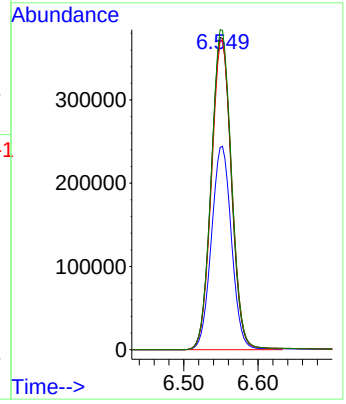




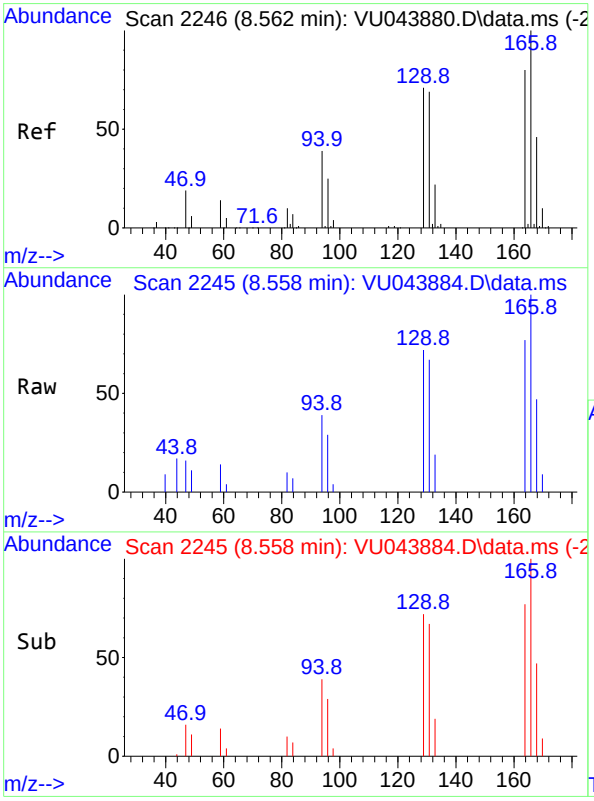
#34
Trichloroethene
Concen: 45.59 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion: 95 Resp: 708828

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.3	82.3
132	98.8	66.0	122.6
130	102.5	69.2	128.6



Instrument :
MSVOA_U
ClientSampleId :
COGJ9



#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion:164 Resp: 2998

Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.1	119.1
131	87.2	61.2	113.8
166	129.8	87.8	163.2