Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055220.D
Acq On : 08 Sep 2023 05:19
Operator : MD/SY
Sample : 04307-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4G7

Quant Time: Sep 08 06:41:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 06:18:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	161105	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31802	4.212	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.910	69	39534	4.523	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.400%			
11) 1,1-Dichloroethene-d2	2.563	65	20748	4.823	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	4.631	46	132786	60.601	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.200%			
24) Chloroform-d	5.061	84	100773	5.030	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.701	65	53363	5.323	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.727	84	188905	4.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.688	67	66681	4.947	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.897	98	163620	4.191	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
43) trans-1,3-Dichloroprop...	8.180	79	14476	3.899	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.000%			
46) 2-Hexanone-d5	8.634	63	66809	44.328	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.660%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48675	5.134	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	56695	4.596	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1998	0.210	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	49261	5.325	ug/L	96
34) Trichloroethene	6.541	95	52823	5.201	ug/L	97
70) 1,2,4-trichlorobenzene	13.842	180	6318	0.471	ug/L	94

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

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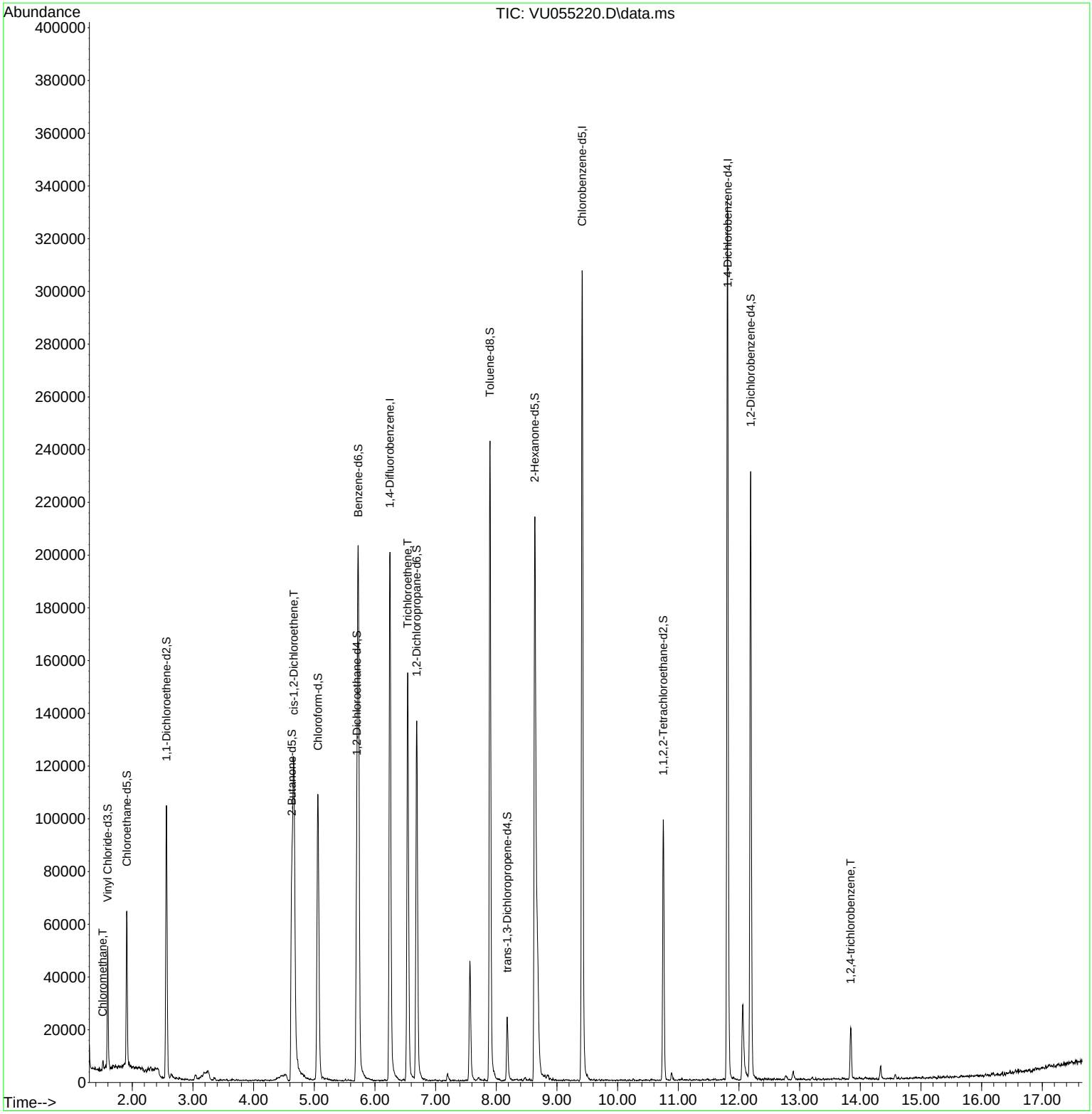
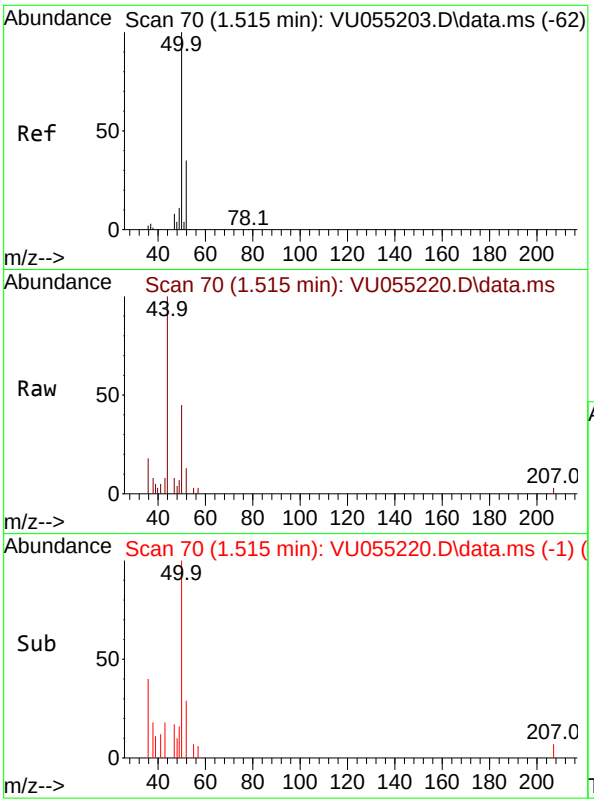


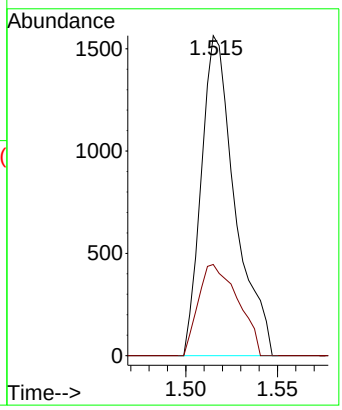


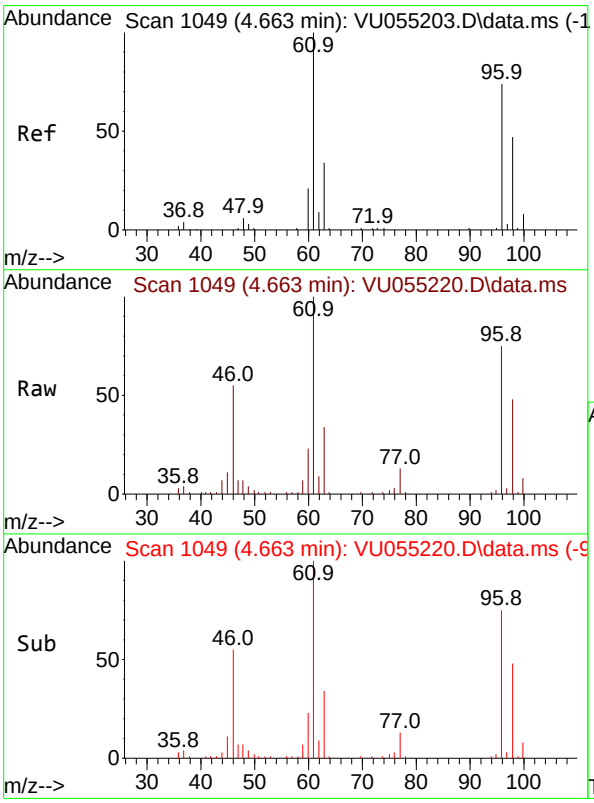
#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.515 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU055220.D
Acq: 08 Sep 2023 05:19

Instrument :
MSVOA_U
ClientSampleId :
BH4G7

Tgt Ion: 50 Resp: 1998

Ion	Ratio	Lower	Upper
50	100		
52	28.5	22.5	41.7

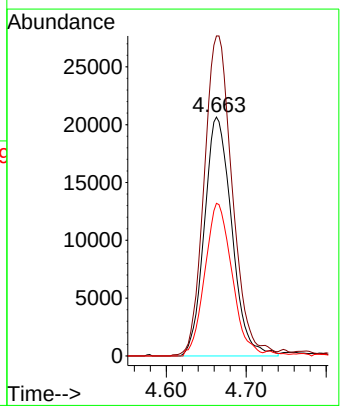


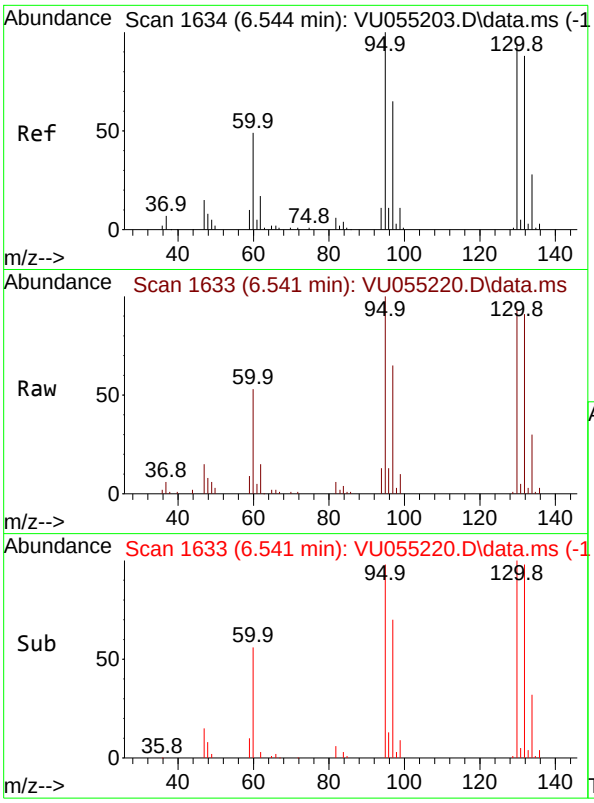


#22
cis-1,2-Dichloroethene
Concen: 5.325 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055220.D
Acq: 08 Sep 2023 05:19

Tgt Ion: 96 Resp: 49261

Ion	Ratio	Lower	Upper
96	100		
61	133.9	97.2	180.4
98	63.9	46.1	85.7



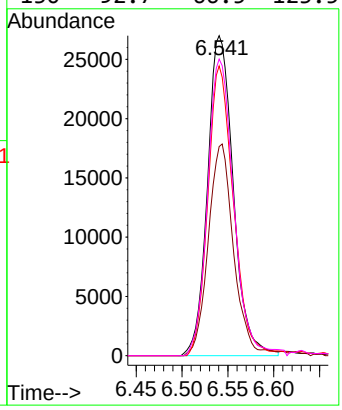


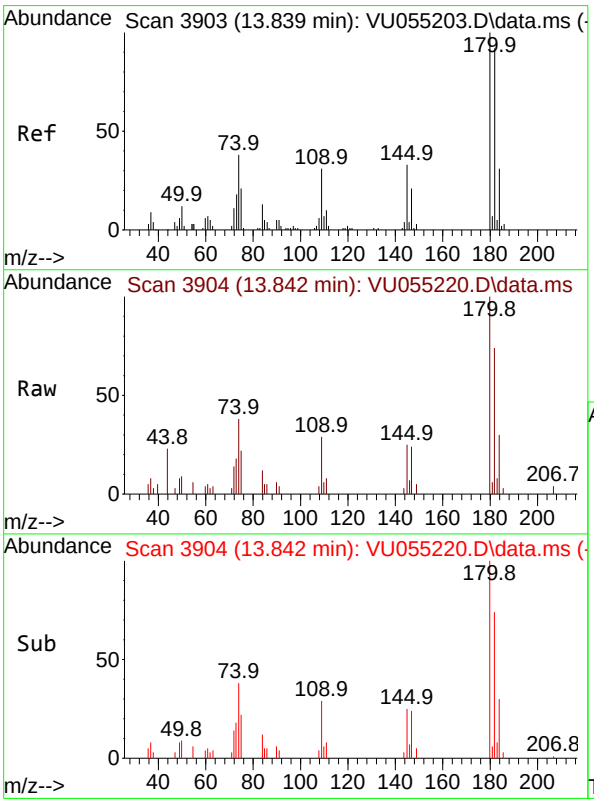
#34
Trichloroethene
Concen: 5.201 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055220.D
Acq: 08 Sep 2023 05:19

Instrument :
MSVOA_U
ClientSampleId :
BH4G7

Tgt Ion: 95 Resp: 52823

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	83.1
132	90.5	66.6	123.6
130	92.7	66.5	123.5





#70
1,2,4-trichlorobenzene
Concen: 0.471 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055220.D
Acq: 08 Sep 2023 05:19

Tgt Ion:180 Resp: 6318

Ion	Ratio	Lower	Upper
180	100		
182	86.7	73.6	110.4
145	28.5	25.8	38.8