Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
Data File : VU055281.D
Acq On : 13 Sep 2023 13:49
Operator : MD/SY
Sample : 04350-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4L9

Quant Time: Sep 14 05:04:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 14 05:00:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	163863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	168296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	78838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26005	3.386	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.911	69	49555	5.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.400%			
11) 1,1-Dichloroethene-d2	2.563	65	15674	3.582	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.600%			
20) 2-Butanone-d5	4.631	46	163018	73.146	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 146.300%#			
24) Chloroform-d	5.062	84	107508	5.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
26) 1,2-Dichloroethane-d4	5.701	65	58881	5.775	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.600%			
32) Benzene-d6	5.727	84	189216	4.555	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.689	67	69672	5.273	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.400%			
41) Toluene-d8	7.897	98	153100	4.001	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.000%			
43) trans-1,3-Dichloroprop...	8.180	79	16865	4.635	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.600%			
46) 2-Hexanone-d5	8.634	63	83082	56.242	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.480%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50857	5.473	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.193	152	58136	5.052	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.000%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1817	0.187	ug/L	87
22) cis-1,2-Dichloroethene	4.666	96	5758	0.612	ug/L	86
25) Chloroform	5.087	83	47007	2.717	ug/L	96
38) Bromodichloromethane	7.103	83	4379	0.376	ug/L #	83

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

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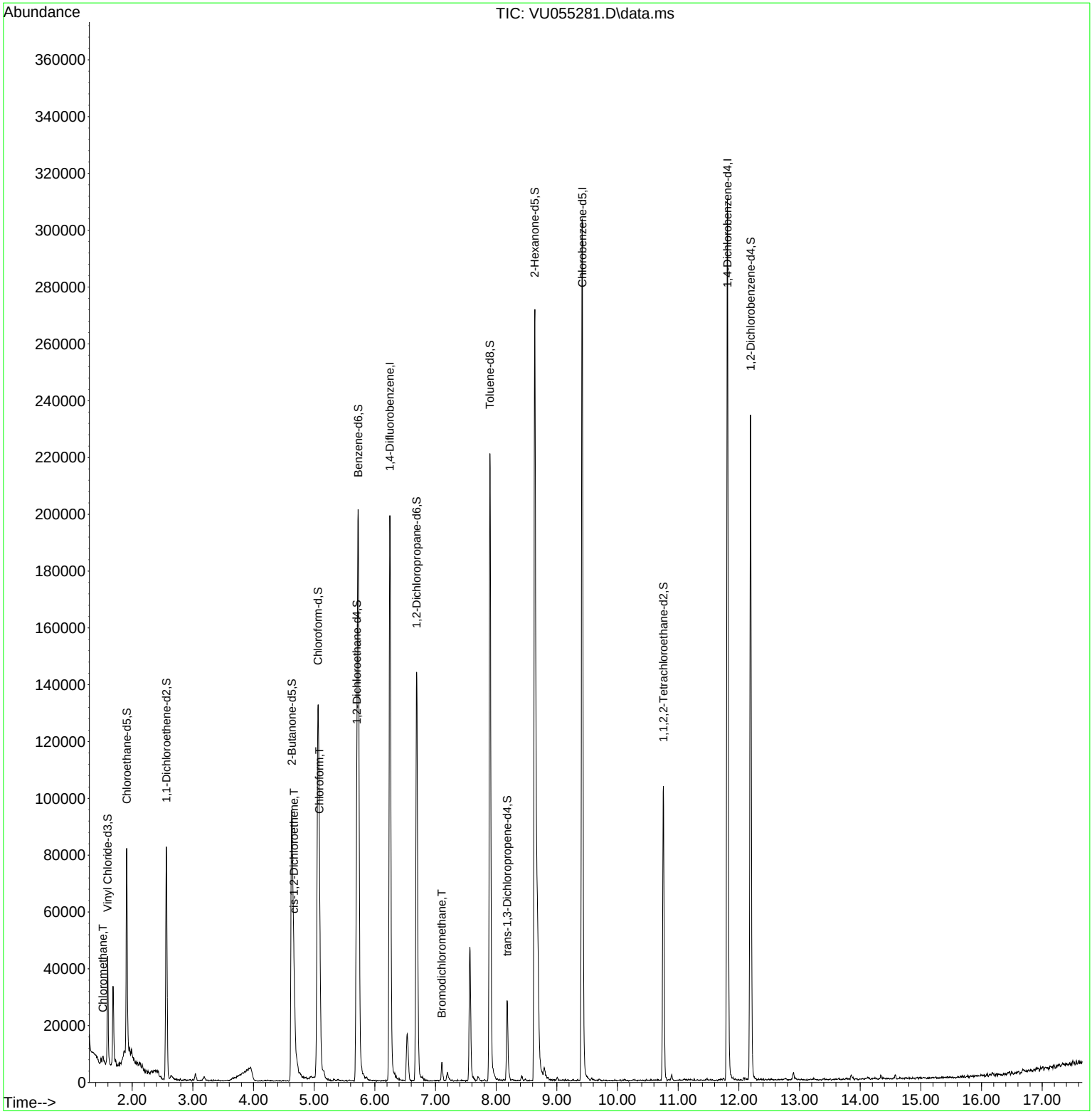
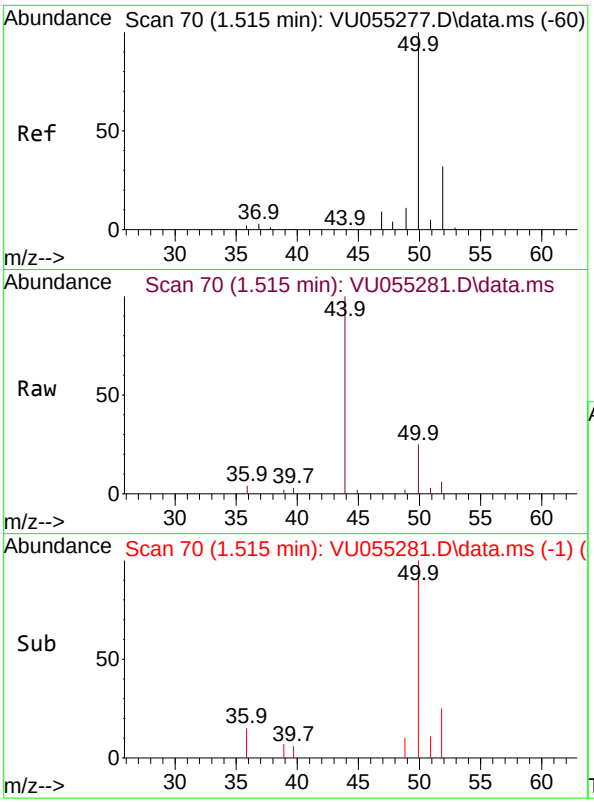


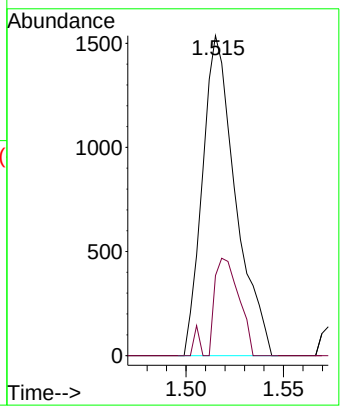


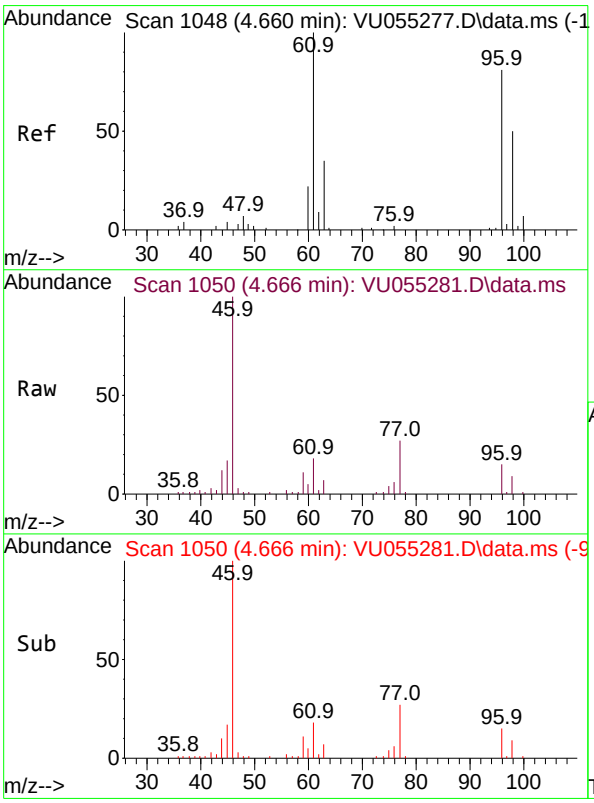
#3
Chloromethane
Concen: 0.187 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055281.D
Acq: 13 Sep 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
BH4L9

Tgt Ion: 50 Resp: 1817

Ion	Ratio	Lower	Upper
50	100		
52	25.0	22.5	41.7

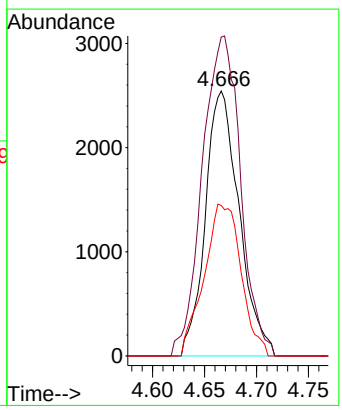


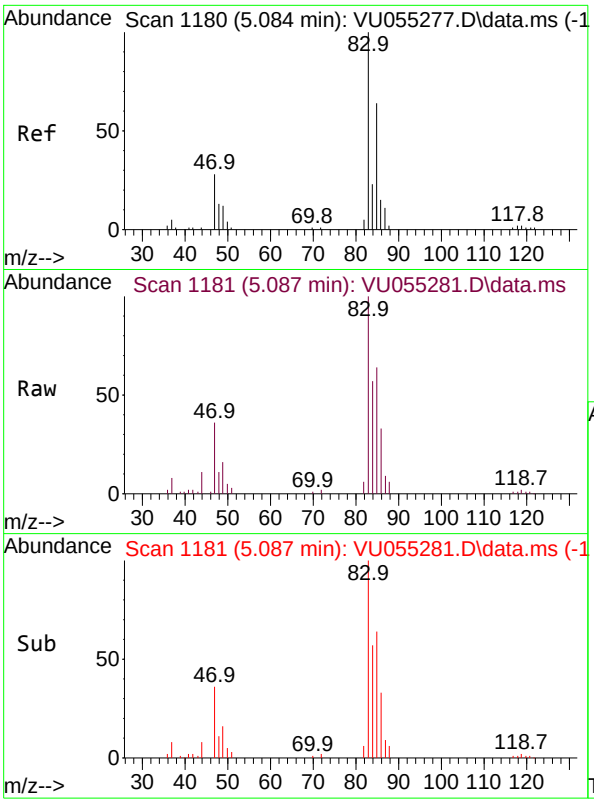


#22
cis-1,2-Dichloroethene
Concen: 0.612 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055281.D
Acq: 13 Sep 2023 13:49

Tgt Ion: 96 Resp: 5758

Ion	Ratio	Lower	Upper
96	100		
61	120.4	97.2	180.4
98	56.8	46.1	85.7



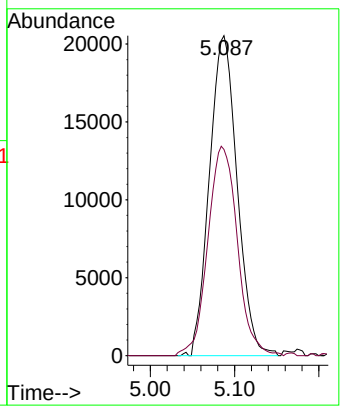


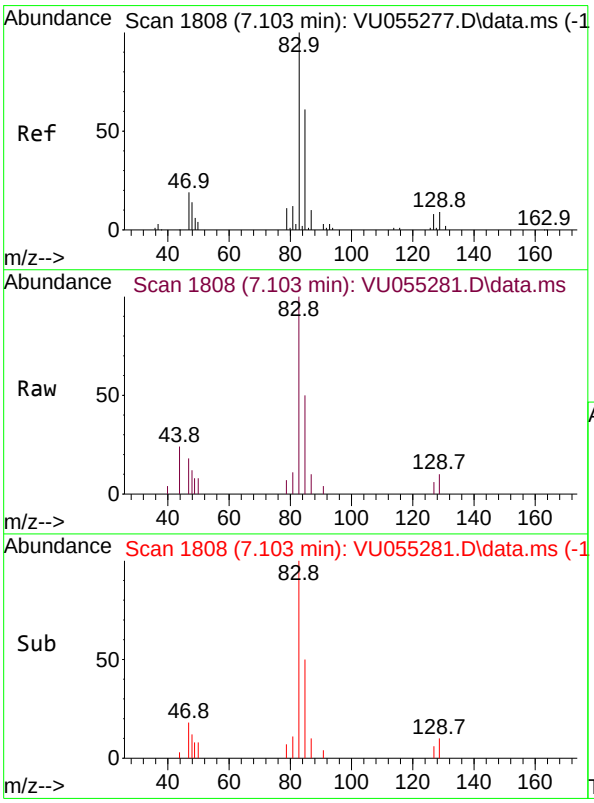
#25
Chloroform
Concen: 2.717 ug/L
RT: 5.087 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055281.D
Acq: 13 Sep 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :
BH4L9

Tgt Ion: 83 Resp: 47007

Ion	Ratio	Lower	Upper
83	100		
85	64.4	47.2	87.6





#38
Bromodichloromethane
Concen: 0.376 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055281.D
Acq: 13 Sep 2023 13:49

Tgt Ion: 83 Resp: 4379

Ion	Ratio	Lower	Upper
83	100		
85	50.0	44.9	83.5
127	6.4	7.8	11.8#