Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
Data File : VV036920.D
Acq On : 13 Aug 2024 15:22
Operator : SY/MD
Sample : P3589-01
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0CJ9

Quant Time: Aug 14 04:12:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:10:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	671868	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	641362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	311241	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	241578	45.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.040%			
7) Chloroethane-d5	1.532	69	194800	46.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.060%			
11) 1,1-Dichloroethene-d2	2.059	65	105483	45.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.900%			
21) 2-Butanone-d5	3.799	46	228858	80.492	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.490%			
24) Chloroform-d	4.246	84	433900	45.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.120%			
26) 1,2-Dichloroethane-d4	4.937	65	279799	45.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
32) Benzene-d6	4.953	84	878835	45.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.740%			
36) 1,2-Dichloropropane-d6	5.985	67	292043	46.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.460%			
41) Toluene-d8	7.239	98	778280	43.798	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.551	79	121748	37.433	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.860%			
47) 2-Hexanone-d5	8.027	63	133268	74.165	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 74.160%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	313828	43.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.460%			
66) 1,2-Dichlorobenzene-d4	11.554	152	289957	45.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.440%			
Target Compounds						Qvalue
13) Acetone	2.114	43	10059	4.228	ug/L	99
38) Bromodichloromethane	6.439	83	36853	5.266	ug/L	97
49) Dibromochloromethane	8.175	129	54086	10.695	ug/L	96
59) Bromoform	9.664	173	20204	5.868	ug/L	93

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

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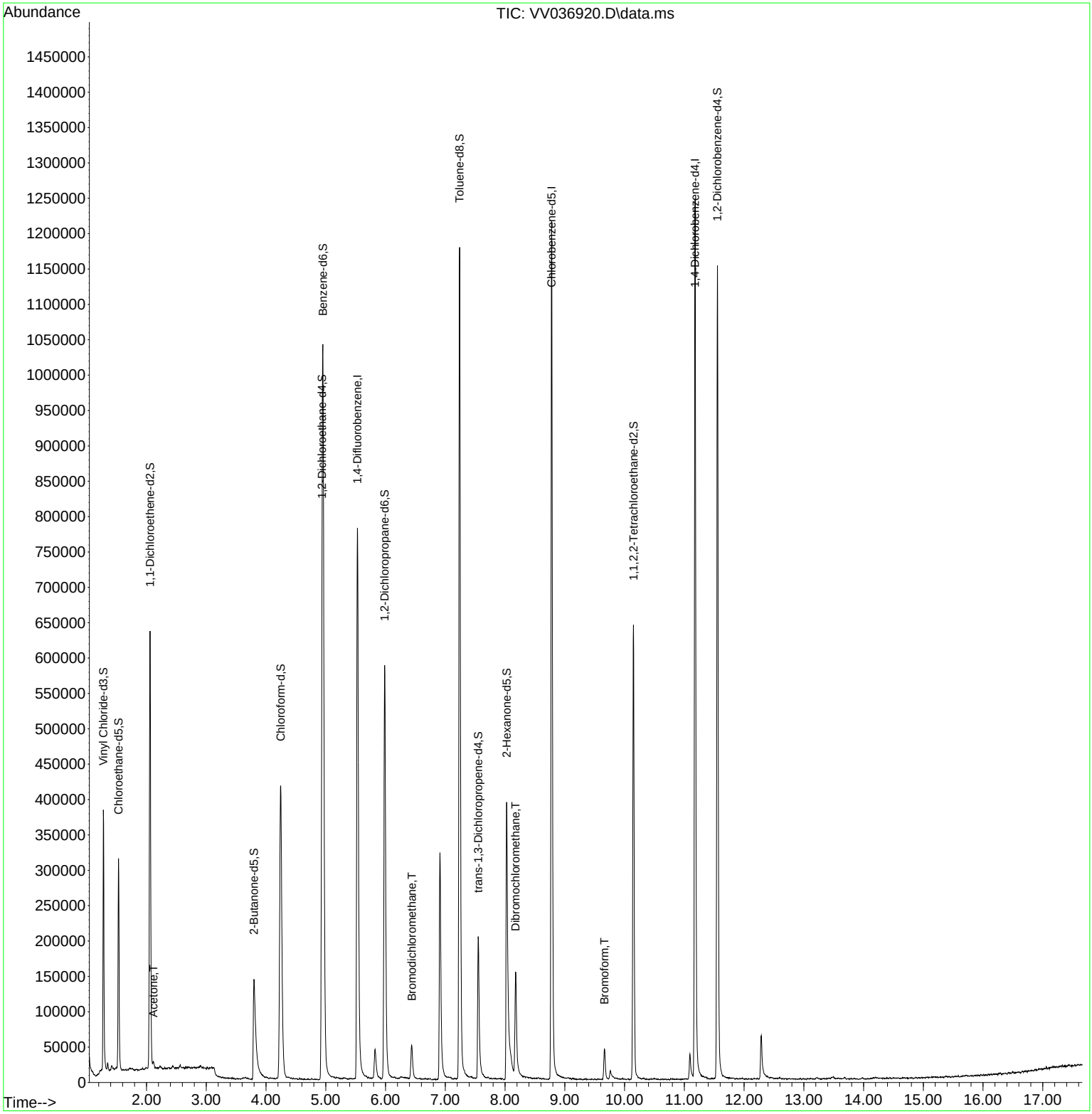
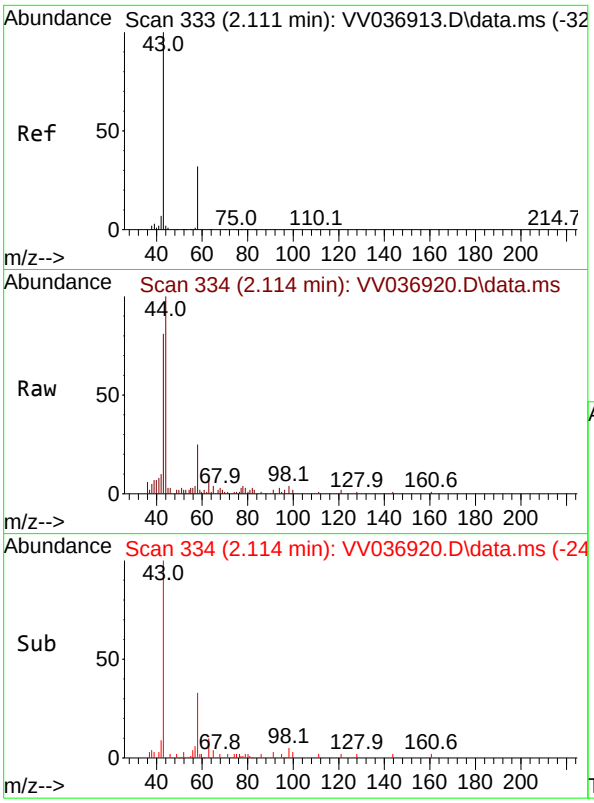


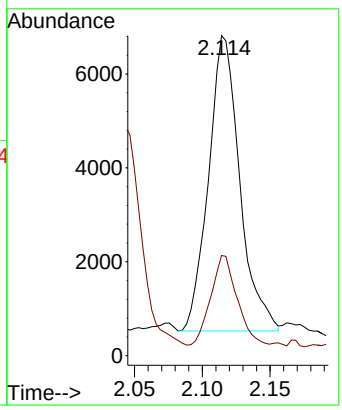


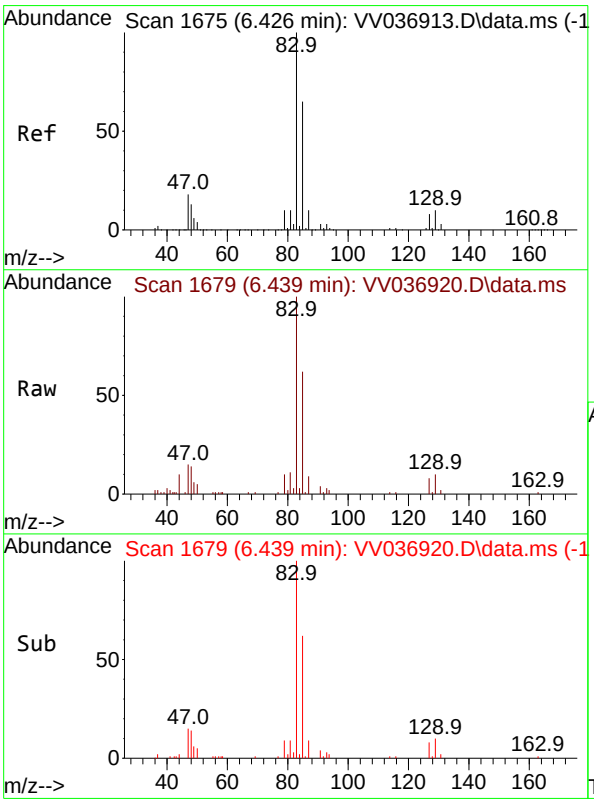
#13
Acetone
Concen: 4.228 ug/L
RT: 2.114 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036920.D
Acq: 13 Aug 2024 15:22

Instrument :
MSVOA_V
ClientSampleId :
E0CJ9

Tgt Ion: 43 Resp: 10059

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	63.4

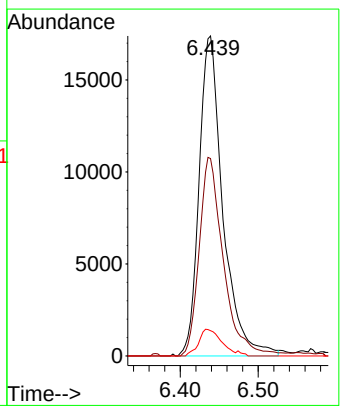


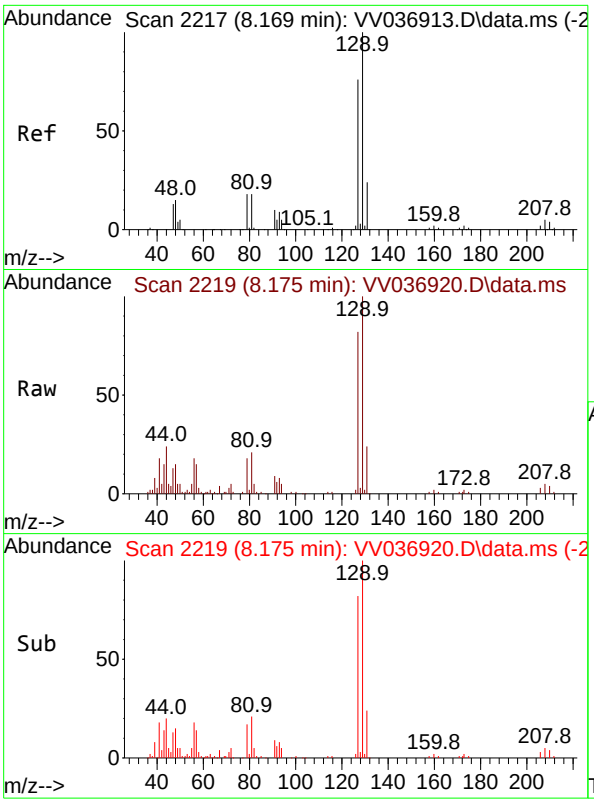


#38
Bromodichloromethane
Concen: 5.266 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV036920.D
Acq: 13 Aug 2024 15:22

Tgt Ion: 83 Resp: 36853

Ion	Ratio	Lower	Upper
83	100		
85	61.7	44.7	83.1
127	7.9	6.2	9.4



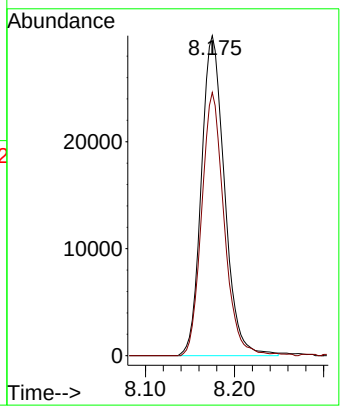


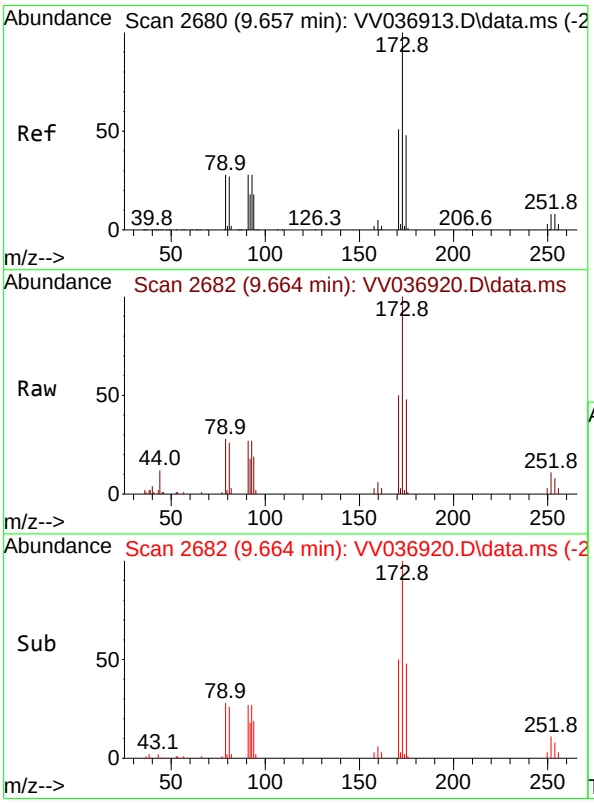
#49
Dibromochloromethane
Concen: 10.695 ug/L
RT: 8.175 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV036920.D
Acq: 13 Aug 2024 15:22

Instrument :
MSVOA_V
ClientSampleId :
E0CJ9

Tgt Ion:129 Resp: 54086

Ion	Ratio	Lower	Upper
129	100		
127	82.3	55.4	102.8





#59
Bromoform
Concen: 5.868 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.006 min
Lab File: VV036920.D
Acq: 13 Aug 2024 15:22

Tgt Ion:173 Resp: 20204

Ion	Ratio	Lower	Upper
173	100		
175	44.7	39.8	59.8
254	7.2	6.8	10.2