Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053623.D
Acq On : 10 Apr 2023 19:12
Operator : JC/MD
Sample : 02251-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD8

Quant Time: Apr 11 02:24:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 02:19:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	246348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75797	39.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.020%			
7) Chloroethane-d5	1.909	69	67257	45.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.940%			
11) 1,1-Dichloroethene-d2	2.565	63	91668	30.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.740%			
21) 2-Butanone-d5	4.613	46	94967	109.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.350%			
24) Chloroform-d	5.057	84	138776	43.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.480%			
26) 1,2-Dichloroethane-d4	5.697	65	88470	47.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.380%			
32) Benzene-d6	5.723	84	284999	46.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.820%			
36) 1,2-Dichloropropane-d6	6.687	67	91667	49.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.720%			
41) Toluene-d8	7.893	98	260767	43.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.360%			
43) trans-1,3-Dichloroprop...	8.176	79	42075	43.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.780%			
47) 2-Hexanone-d5	8.626	63	72302	114.071	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.070%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131956	50.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.820%			
66) 1,2-Dichlorobenzene-d4	12.189	152	107640	46.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.500%			
Target Compounds						Qvalue
33) Benzene	5.768	78	9566	1.631	ug/L	100
51) Chlorobenzene	9.443	112	18746	4.094	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	12669	3.608	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	6673	1.944	ug/L	92

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

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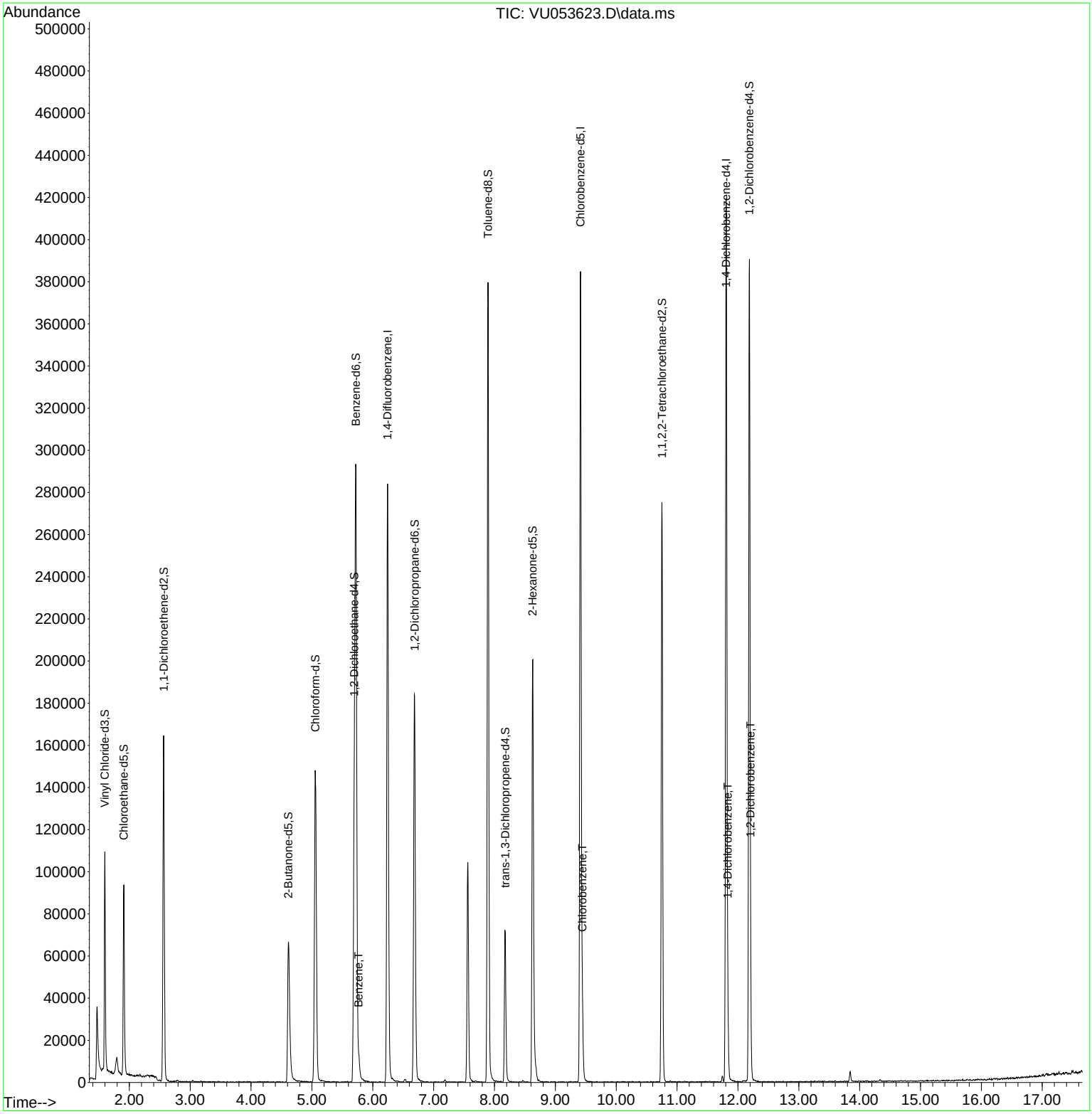
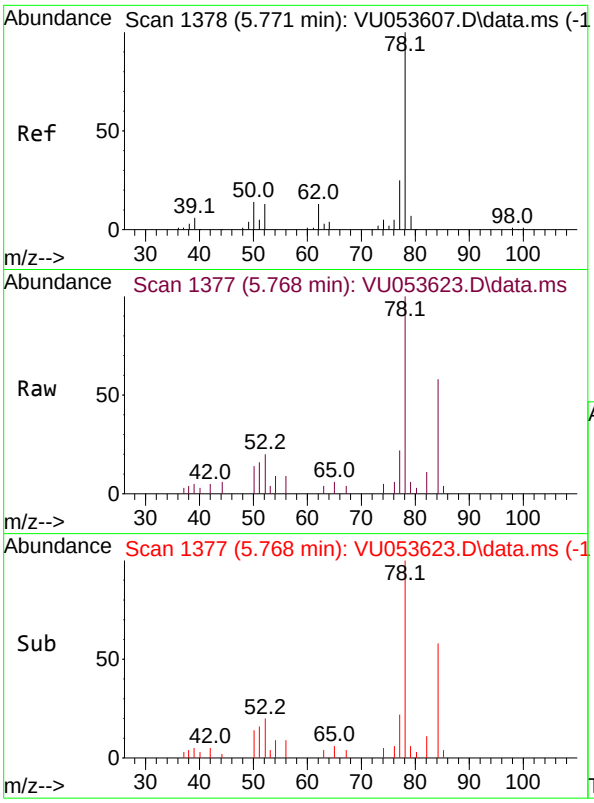
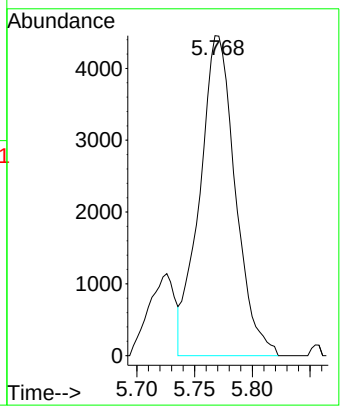


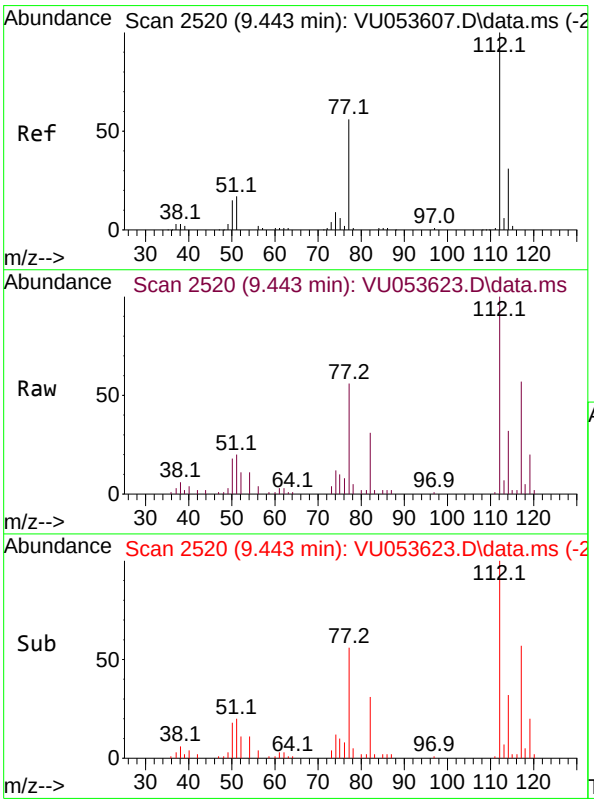


#33
Benzene
Concen: 1.631 ug/L
RT: 5.768 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Instrument :
MSVOA_U
ClientSampleId :
C0MD8

Tgt Ion: 78 Resp: 9566

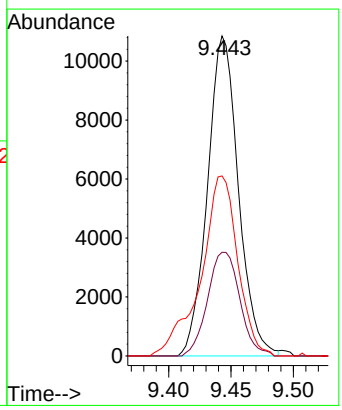


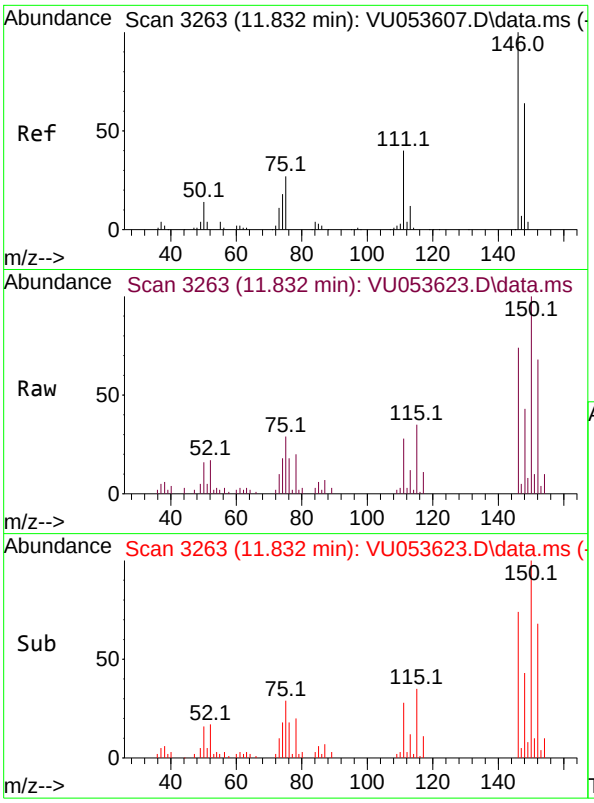


#51
Chlorobenzene
Concen: 4.094 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Tgt Ion:112 Resp: 18746

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.2	41.2
77	56.3	41.3	61.9



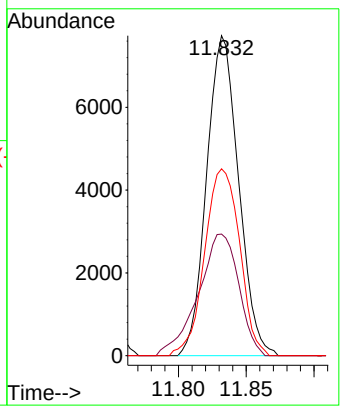


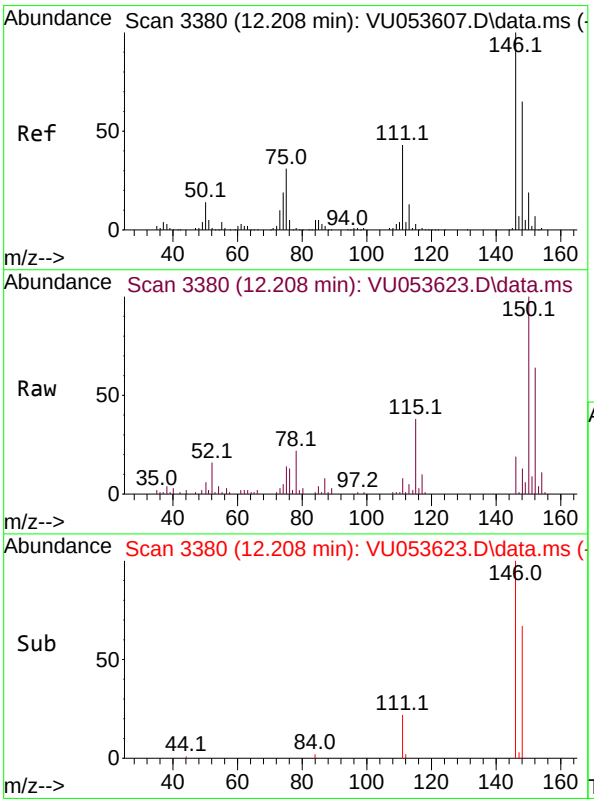
#65
1,4-Dichlorobenzene
Concen: 3.608 ug/L
RT: 11.832 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Instrument :
MSVOA_U
ClientSampleId :
C0MD8

Tgt Ion:146 Resp: 12669

Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.1	46.5
148	58.4	44.3	82.3





#67
1,2-Dichlorobenzene
Concen: 1.944 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Tgt Ion:146 Resp: 6673

Ion	Ratio	Lower	Upper
146	100		
111	44.9	31.5	47.3
148	70.2	51.6	77.4