Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053622.D
Acq On : 10 Apr 2023 18:48
Operator : JC/MD
Sample : 02251-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD7

Quant Time: Apr 11 02:24:12 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	6.243	114	238206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	113078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74443	40.135	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.260%			
7) Chloroethane-d5	1.909	69	66455	46.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.940%			
11) 1,1-Dichloroethene-d2	2.562	63	90415	31.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.980%			
21) 2-Butanone-d5	4.617	46	91865	109.392	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.390%			
24) Chloroform-d	5.057	84	134328	43.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.580%			
26) 1,2-Dichloroethane-d4	5.697	65	87330	48.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.360%			
32) Benzene-d6	5.723	84	273192	45.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.684	67	87480	47.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.720%			
41) Toluene-d8	7.893	98	249692	41.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.140%			
43) trans-1,3-Dichloroprop...	8.176	79	40289	42.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.500%			
47) 2-Hexanone-d5	8.626	63	71237	112.997	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.000%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128392	49.314	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.620%			
66) 1,2-Dichlorobenzene-d4	12.189	152	103591	43.888	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.780%			
Target Compounds						Qvalue
33) Benzene	5.771	78	17236	2.955	ug/L	100
51) Chlorobenzene	9.443	112	37460	8.224	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	17344	4.871	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	9339	2.682	ug/L	95

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

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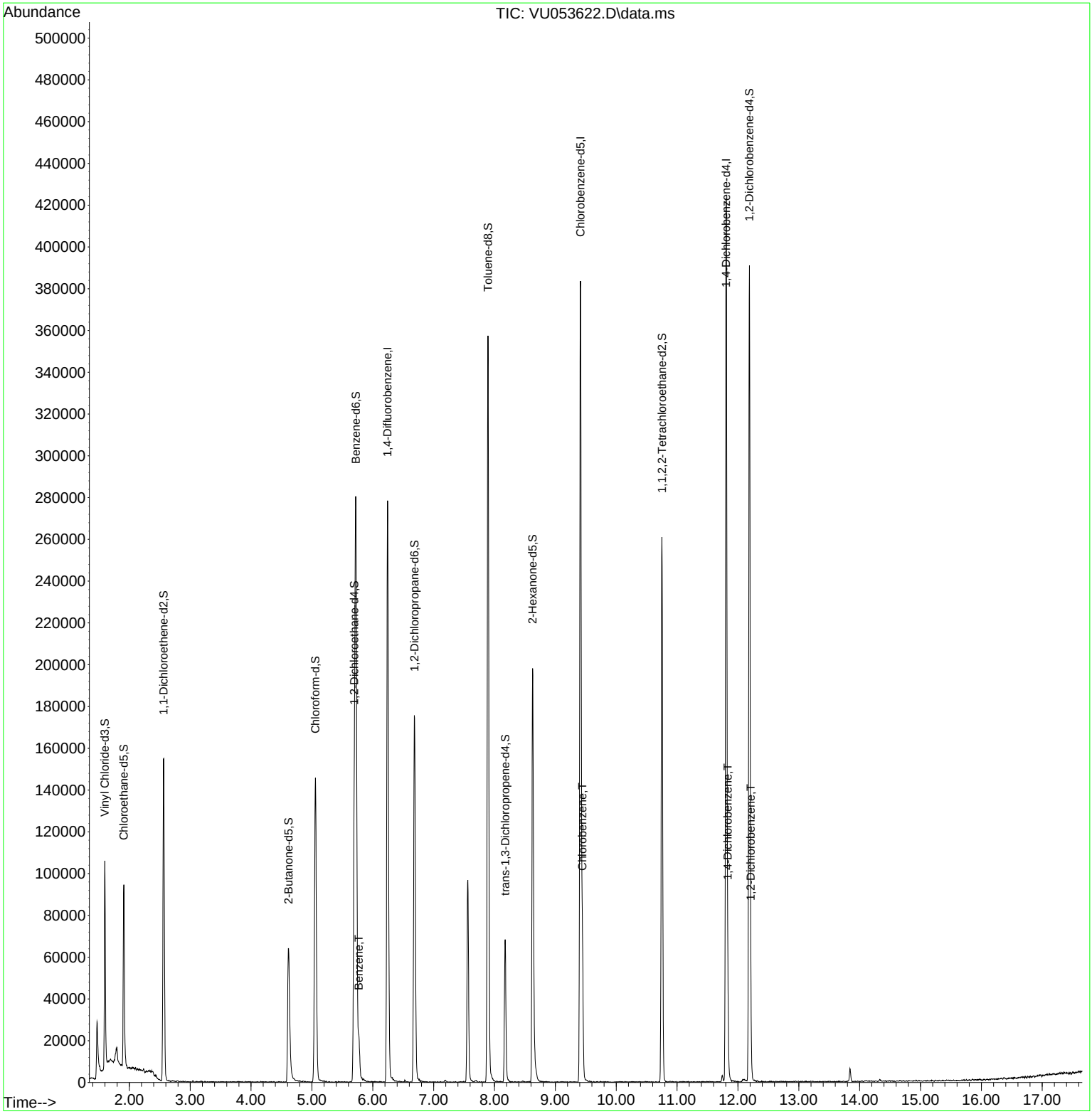
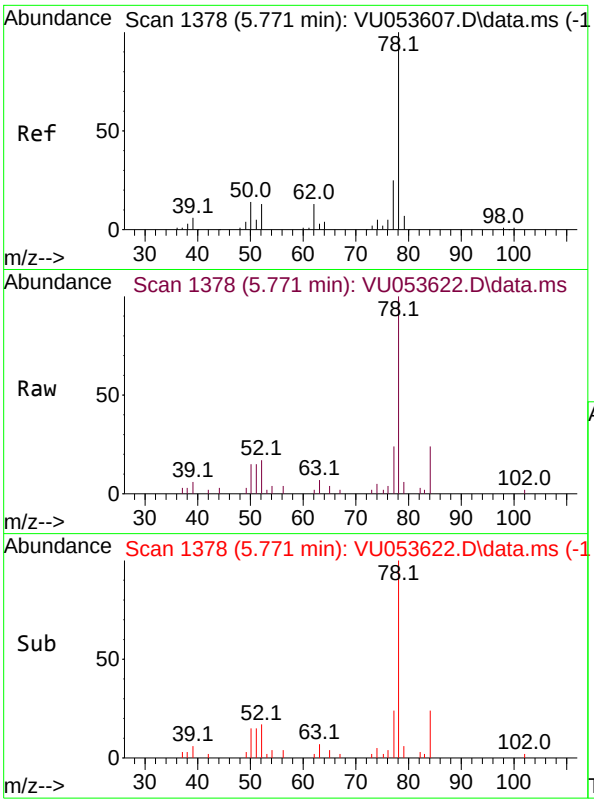
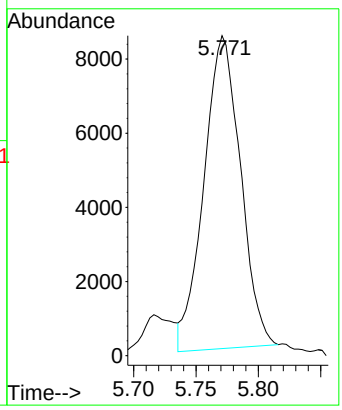


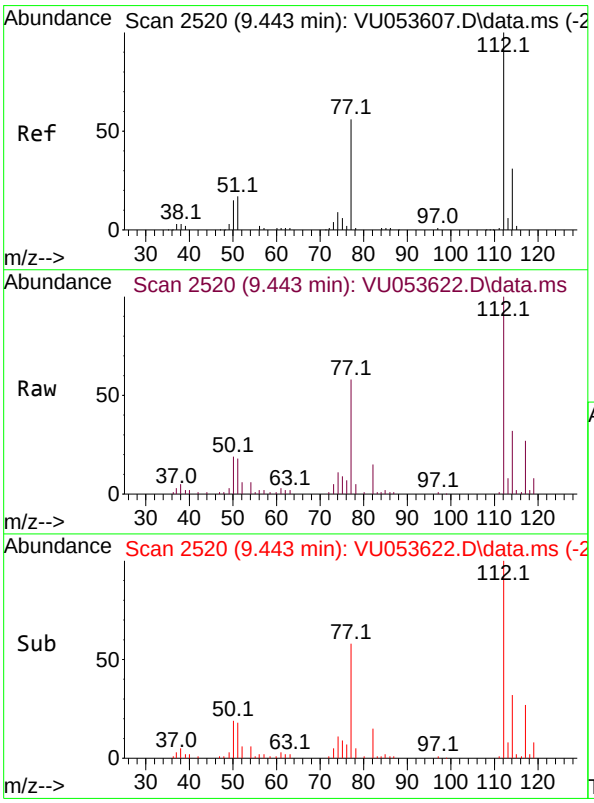


#33
Benzene
Concen: 2.955 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Instrument :
MSVOA_U
ClientSampleId :
C0MD7

Tgt Ion: 78 Resp: 17236

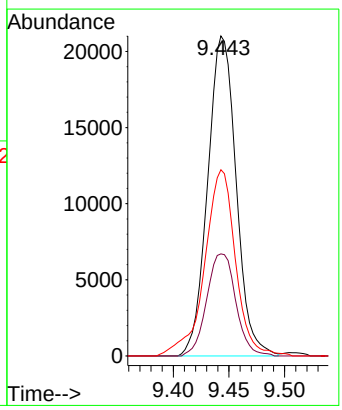


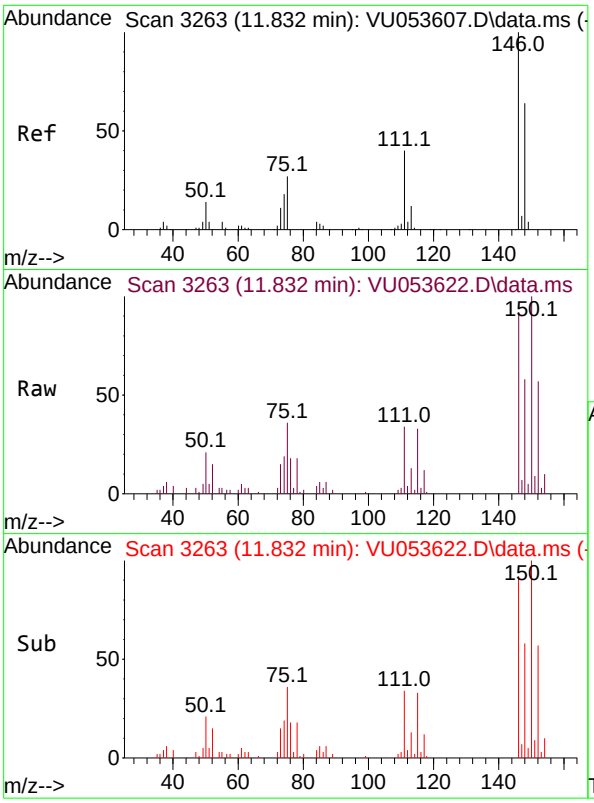


#51
Chlorobenzene
Concen: 8.224 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Tgt Ion:112 Resp: 37460

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	58.2	41.3	61.9



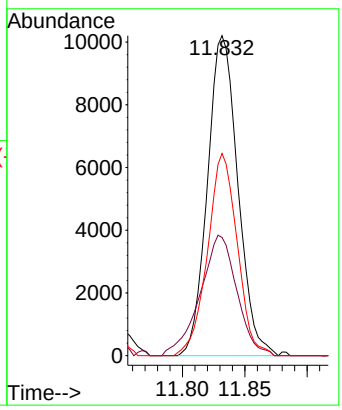


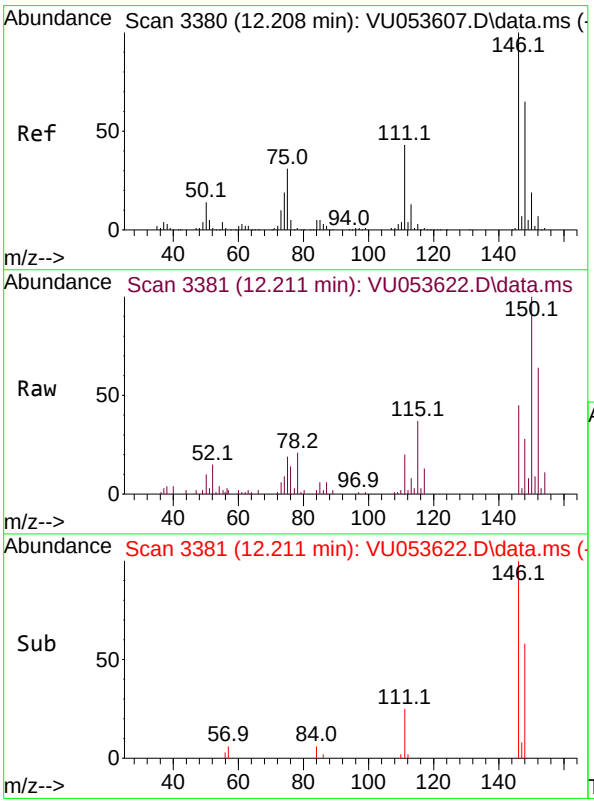
#65
1,4-Dichlorobenzene
Concen: 4.871 ug/L
RT: 11.832 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Instrument :
MSVOA_U
ClientSampleId :
C0MD7

Tgt Ion:146 Resp: 17344

Ion	Ratio	Lower	Upper
146	100		
111	37.0	25.1	46.5
148	63.2	44.3	82.3





#67
1,2-Dichlorobenzene
Concen: 2.682 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Tgt Ion:146 Resp: 9339

Ion	Ratio	Lower	Upper
146	100		
111	44.0	31.5	47.3
148	62.1	51.6	77.4