Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
Data File : VU053634.D
Acq On : 11 Apr 2023 14:47
Operator : JC/MD
Sample : 02251-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD6

Quant Time: Apr 12 02:24:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	240824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69430	37.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.060%			
7) Chloroethane-d5	1.909	69	62106	42.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.920%			
11) 1,1-Dichloroethene-d2	2.565	63	85595	29.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.980%#			
21) 2-Butanone-d5	4.613	46	90726	106.861	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.860%			
24) Chloroform-d	5.057	84	129052	41.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.220%			
26) 1,2-Dichloroethane-d4	5.697	65	84010	45.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.680%			
32) Benzene-d6	5.722	84	263798	43.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.140%			
36) 1,2-Dichloropropane-d6	6.684	67	84924	45.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.720%			
41) Toluene-d8	7.893	98	239710	39.373	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.740%#			
43) trans-1,3-Dichloroprop...	8.176	79	37815	39.127	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.260%			
47) 2-Hexanone-d5	8.626	63	68237	106.789	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.790%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	126953	48.109	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.220%			
66) 1,2-Dichlorobenzene-d4	12.188	152	99808	42.124	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.240%			
Target Compounds						Qvalue
33) Benzene	5.771	78	8764	1.482	ug/L	100
51) Chlorobenzene	9.443	112	19601	4.246	ug/L #	88
65) 1,4-Dichlorobenzene	11.832	146	6649	1.860	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4767	1.364	ug/L #	92

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

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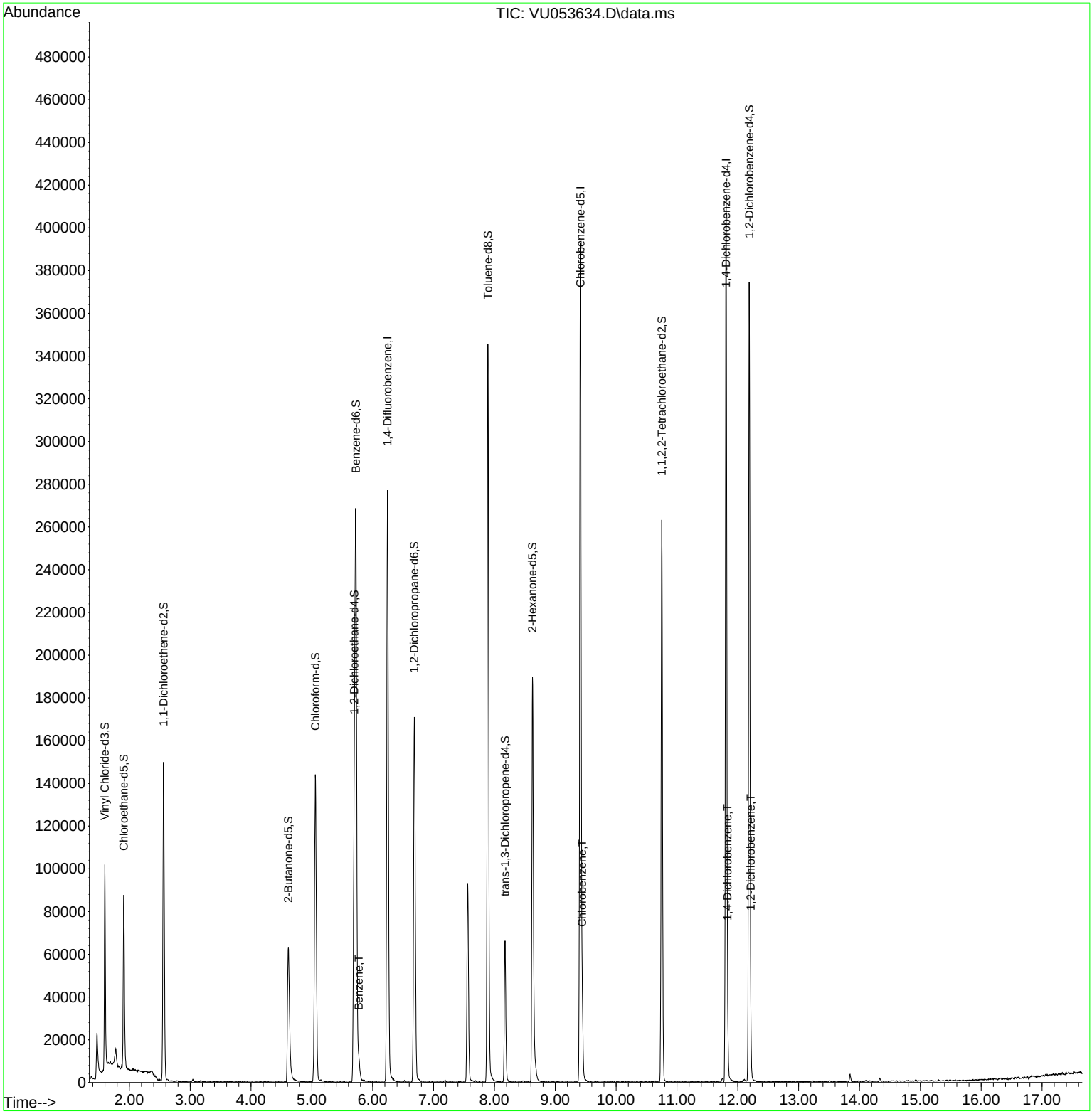
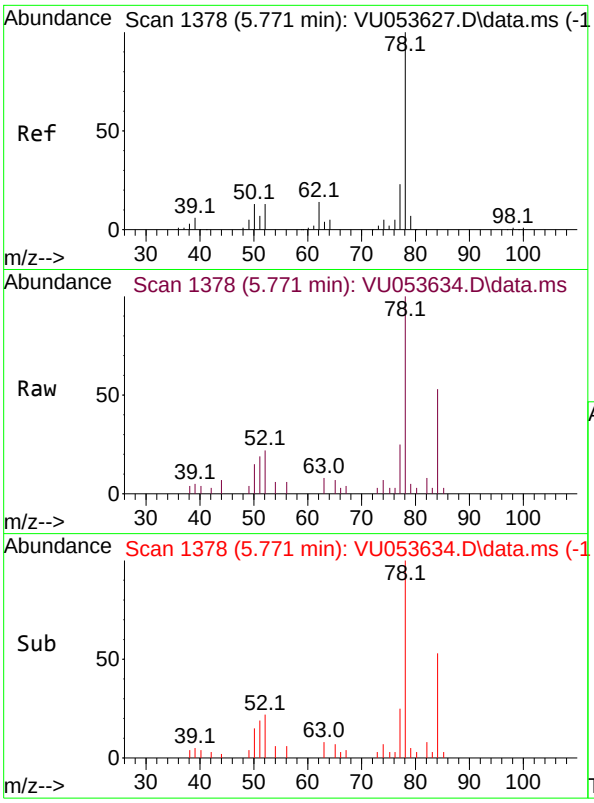
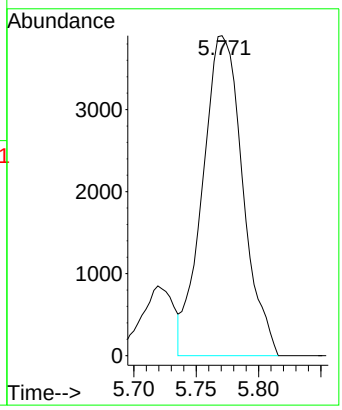


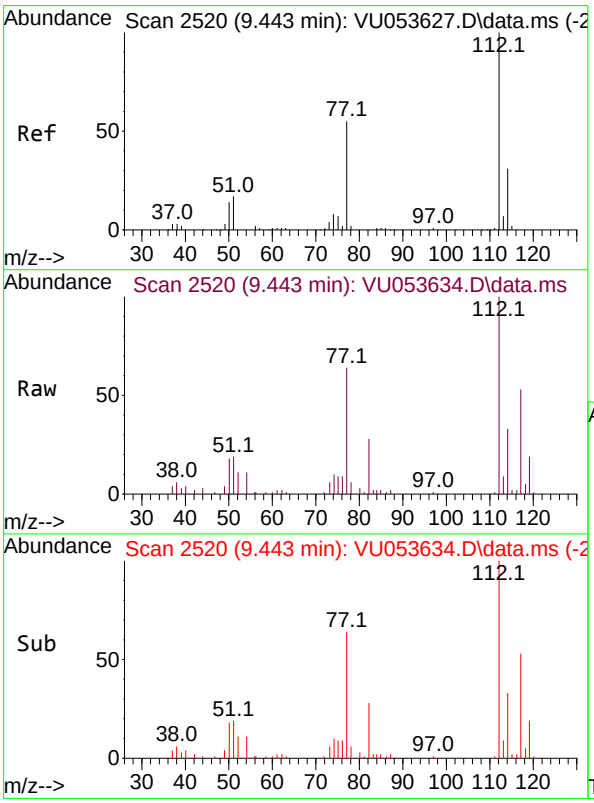


#33
Benzene
Concen: 1.482 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053634.D
Acq: 11 Apr 2023 14:47

Instrument :
MSVOA_U
ClientSampleId :
C0MD6

Tgt Ion: 78 Resp: 8764

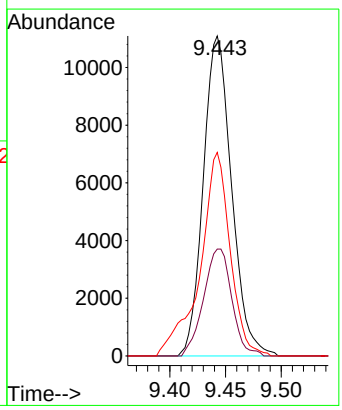


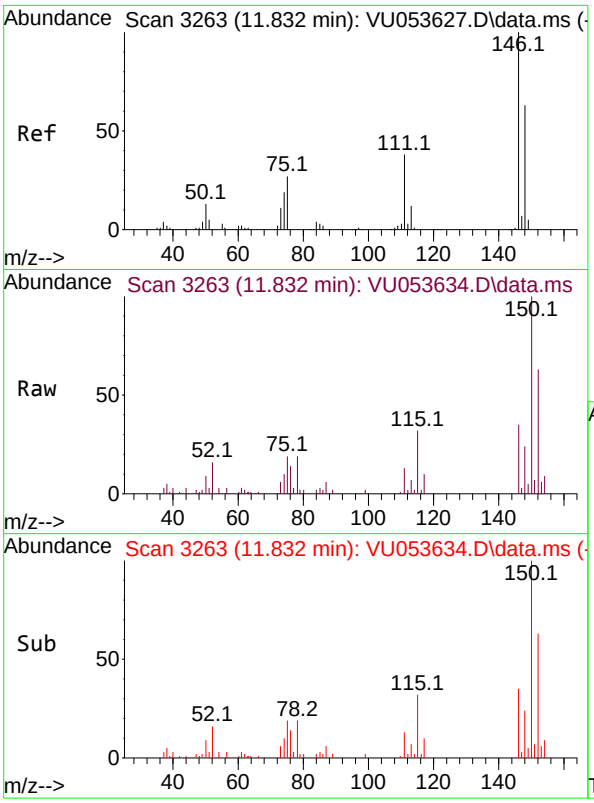


#51
Chlorobenzene
Concen: 4.246 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053634.D
Acq: 11 Apr 2023 14:47

Tgt Ion:112 Resp: 19601

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.2	41.2
77	63.6	41.3	61.9#



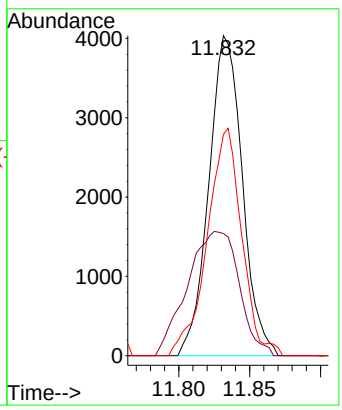


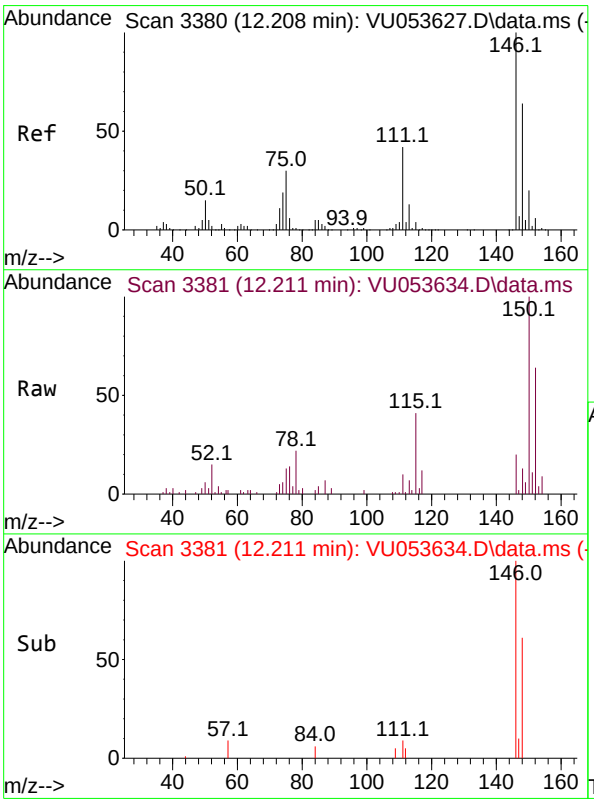
#65
1,4-Dichlorobenzene
Concen: 1.860 ug/L
RT: 11.832 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053634.D
Acq: 11 Apr 2023 14:47

Instrument :
MSVOA_U
ClientSampleId :
C0MD6

Tgt Ion:146 Resp: 6649

Ion	Ratio	Lower	Upper
146	100		
111	38.2	25.1	46.5
148	69.1	44.3	82.3





#67
1,2-Dichlorobenzene
Concen: 1.364 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053634.D
Acq: 11 Apr 2023 14:47

Tgt Ion:146 Resp: 4767

Ion	Ratio	Lower	Upper
146	100		
111	48.4	31.5	47.3#
148	67.7	51.6	77.4