Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048236.D
Acq On : 22 Apr 2022 19:43
Operator : SY/MD
Sample : N2486-15DL 2000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J51DL

Quant Time: Apr 22 22:05:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	300003	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108925	50.069	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.140%			
7) Chloroethane-d5	1.877	69	60482	35.258	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.520%			
11) 1,1-Dichloroethene-d2	2.556	63	136521	34.299	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.600%			
21) 2-Butanone-d5	4.623	46	178985	95.853	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.850%			
24) Chloroform-d	5.064	84	185263	46.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.080%			
26) 1,2-Dichloroethane-d4	5.700	65	118347	48.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.960%			
32) Benzene-d6	5.726	84	390555	49.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.780%			
36) 1,2-Dichloropropane-d6	6.690	67	130089	54.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.220%			
41) Toluene-d8	7.896	98	323408	42.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.179	79	51251	42.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.160%			
47) 2-Hexanone-d5	8.639	63	133568	94.905	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.910%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211300	51.213	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.420%			
66) 1,2-Dichlorobenzene-d4	12.195	152	137641	53.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.520%			
Target Compounds						Qvalue
33) Benzene	5.771	78	352663	39.163	ug/L	100
51) Chlorobenzene	9.449	112	208112	31.020	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	41522	9.186	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	32600	7.466	ug/L	96

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

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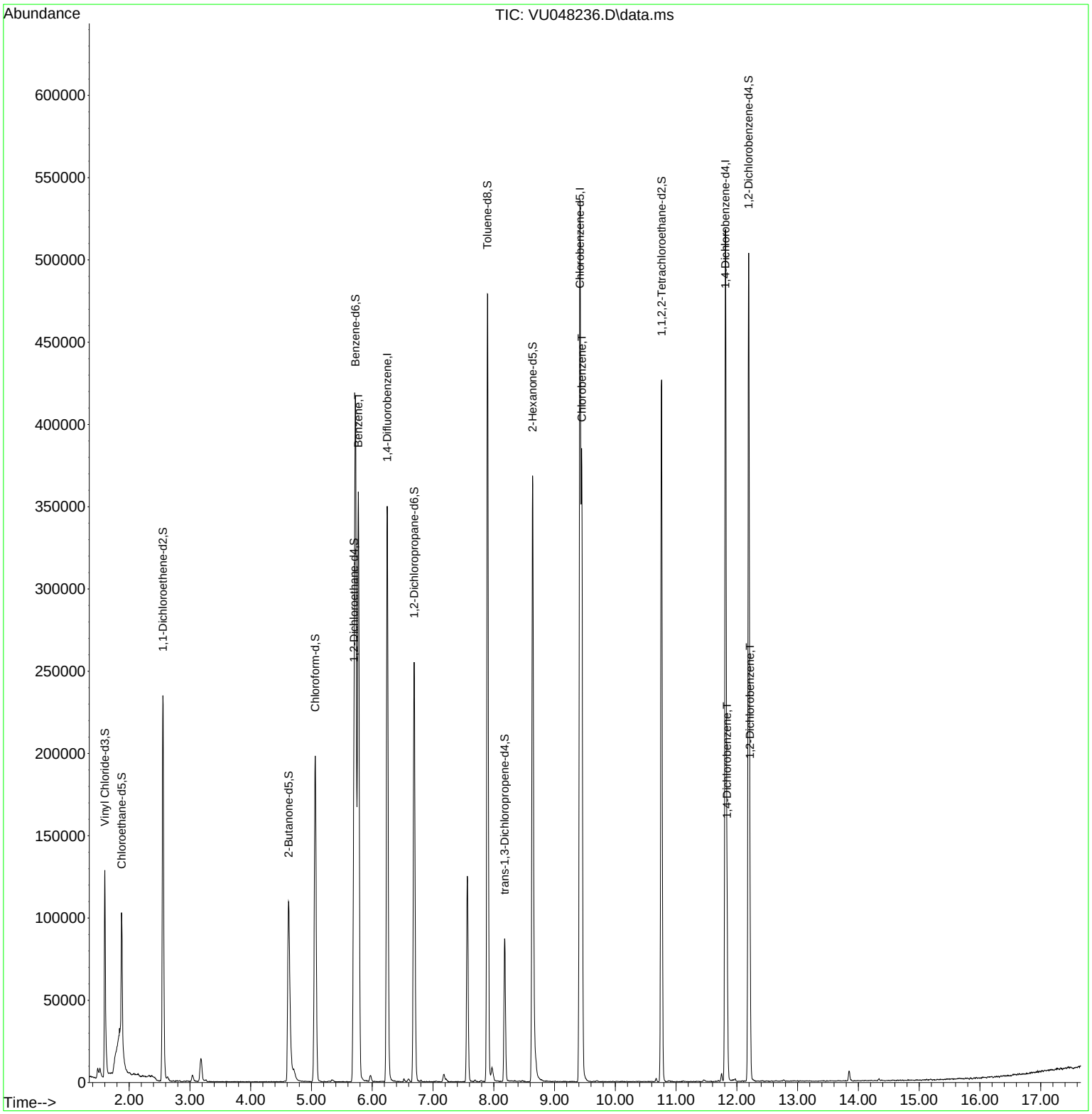
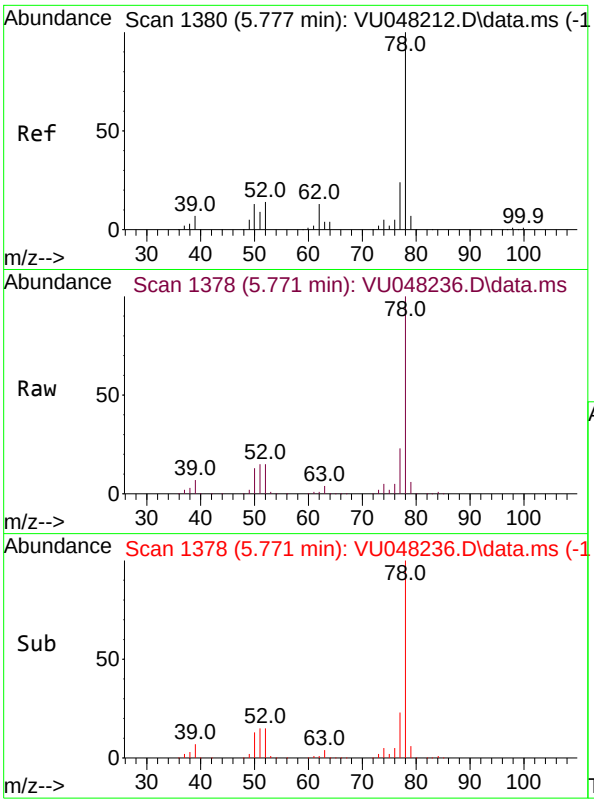
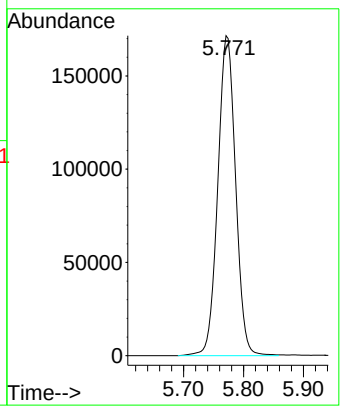


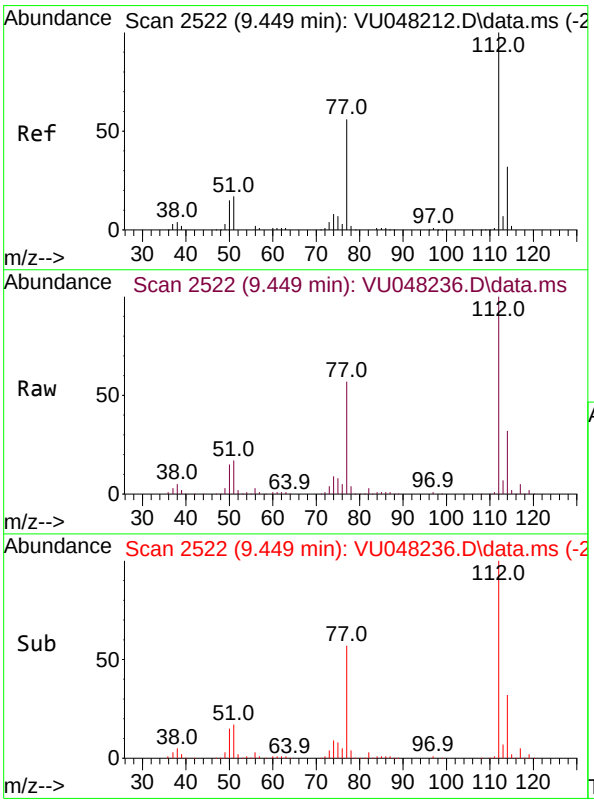


#33
Benzene
Concen: 39.163 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Instrument :
MSVOA_U
ClientSampleId :
C0J51DL

Tgt Ion: 78 Resp: 352663

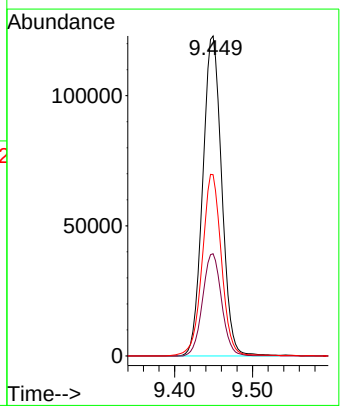


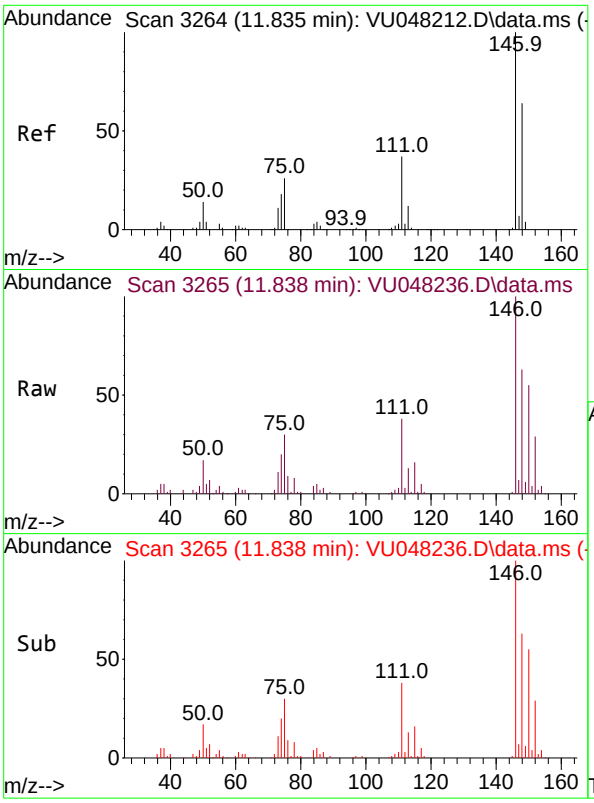


#51
Chlorobenzene
Concen: 31.020 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Tgt Ion:112 Resp: 208112

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	56.6	43.4	65.0



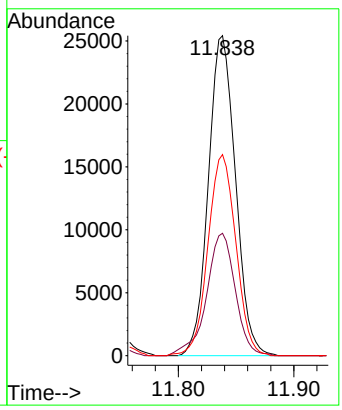


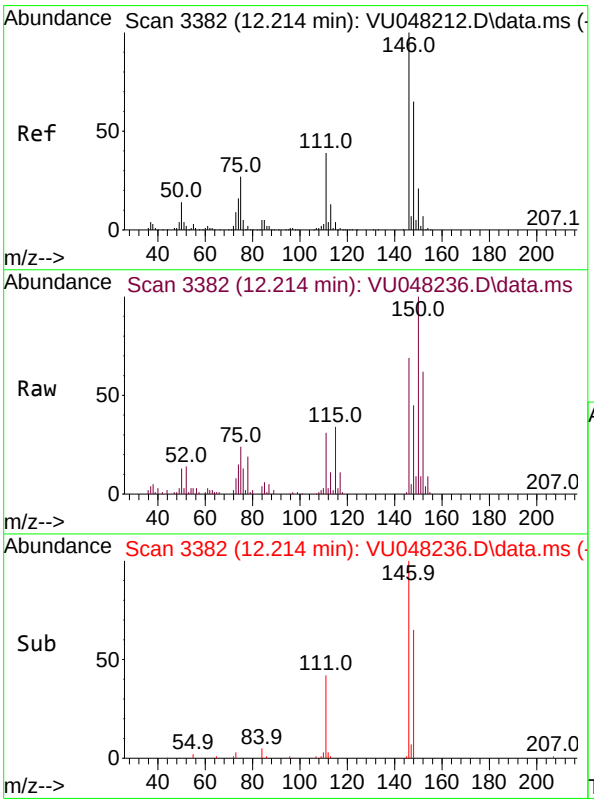
#65
1,4-Dichlorobenzene
Concen: 9.186 ug/L
RT: 11.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Instrument :
MSVOA_U
ClientSampleId :
C0J51DL

Tgt Ion:146 Resp: 41522

Ion	Ratio	Lower	Upper
146	100		
111	38.2	25.3	47.1
148	62.8	44.5	82.7





#67
1,2-Dichlorobenzene
Concen: 7.466 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Tgt Ion:146 Resp: 32600

Ion	Ratio	Lower	Upper
146	100		
111	44.4	31.7	47.5
148	65.8	51.4	77.2