Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048159.D
Acq On : 20 Apr 2022 21:32
Operator : SY/MD
Sample : VIBLK063
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Quant Time: Apr 21 02:46:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 21 02:37:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	382208	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111953	40.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.780%			
7) Chloroethane-d5	1.916	69	95869	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.740%			
11) 1,1-Dichloroethene-d2	2.568	63	148944	29.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.740%#			
21) 2-Butanone-d5	4.626	46	198861	83.592	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.590%			
24) Chloroform-d	5.067	84	211971	41.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.600%			
26) 1,2-Dichloroethane-d4	5.703	65	132584	42.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.260%			
32) Benzene-d6	5.729	84	441846	45.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.690	67	141773	47.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.880%			
41) Toluene-d8	7.899	98	385471	40.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.300%			
43) trans-1,3-Dichloroprop...	8.182	79	59269	39.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.280%			
47) 2-Hexanone-d5	8.636	63	143932	82.266	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.270%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213052	41.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.080%			
66) 1,2-Dichlorobenzene-d4	12.192	152	164579	47.397	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
16) Methylene chloride	3.051	84	4945	1.644	ug/L	96
33) Benzene	5.777	78	63755	5.695	ug/L	100
51) Chlorobenzene	9.449	112	244608	29.329	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8324	1.420	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	135757	22.355	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	106930	18.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	17281	4.143	ug/L	97

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

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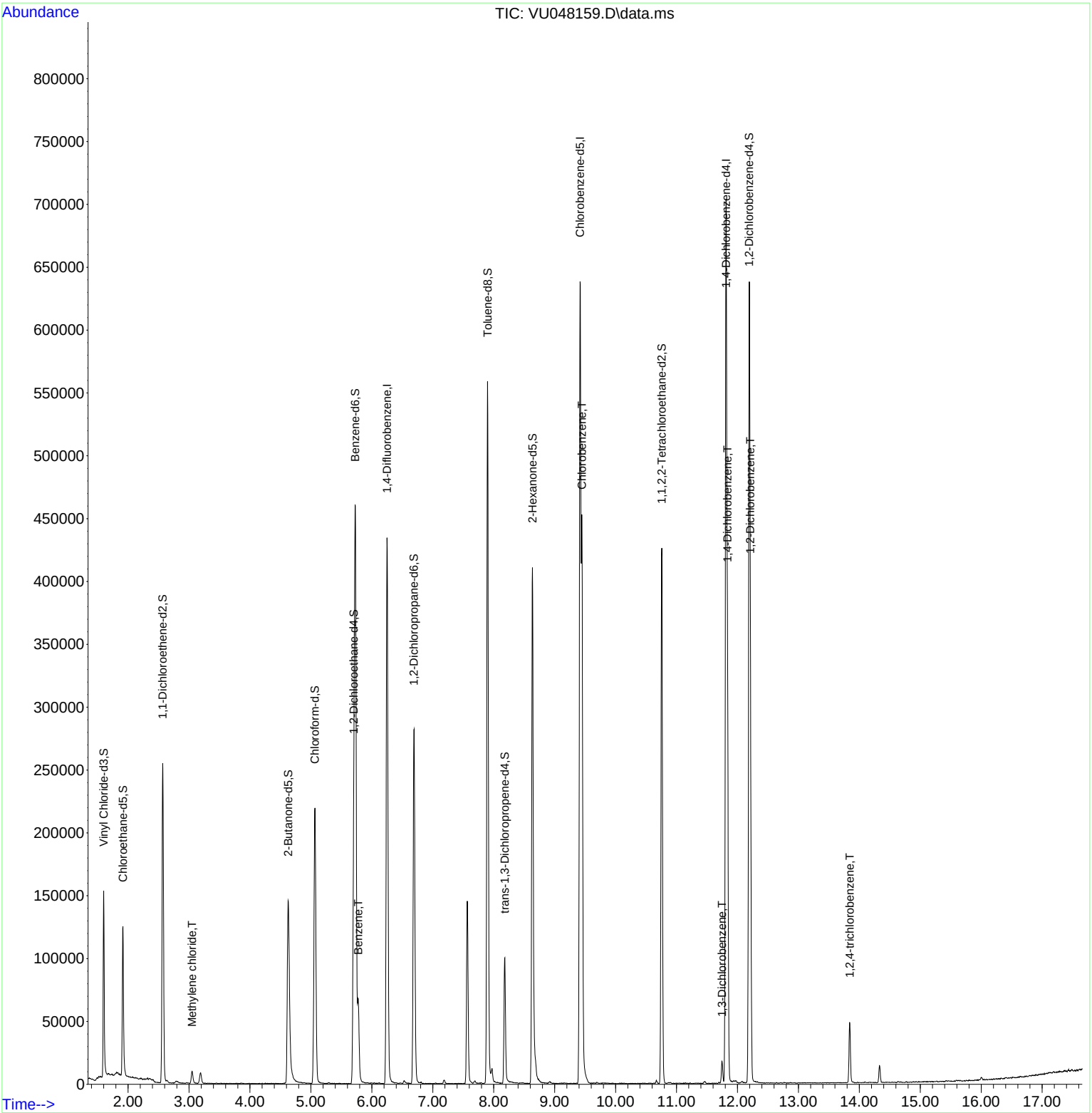
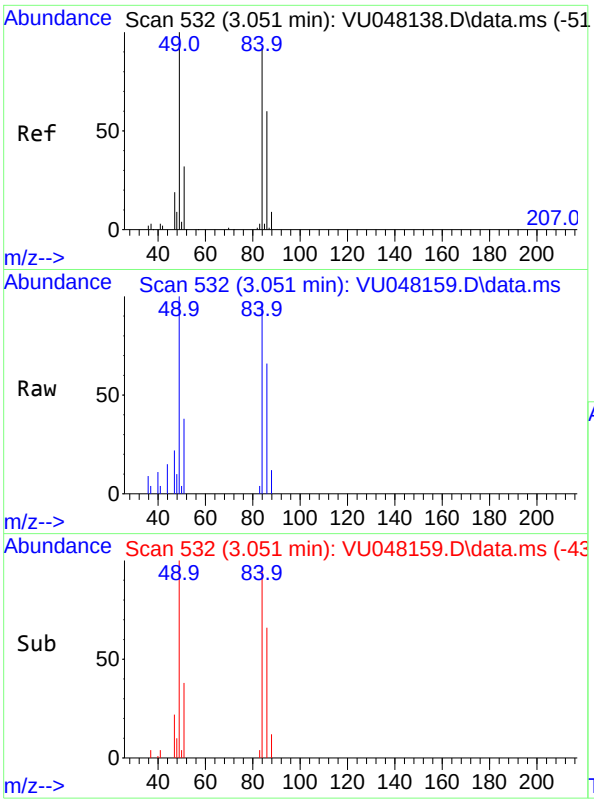


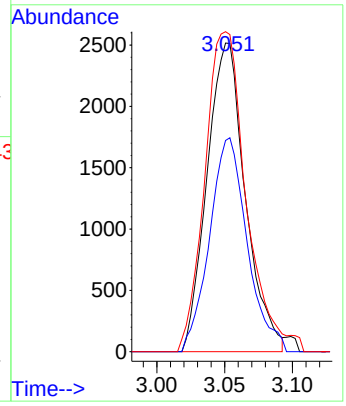


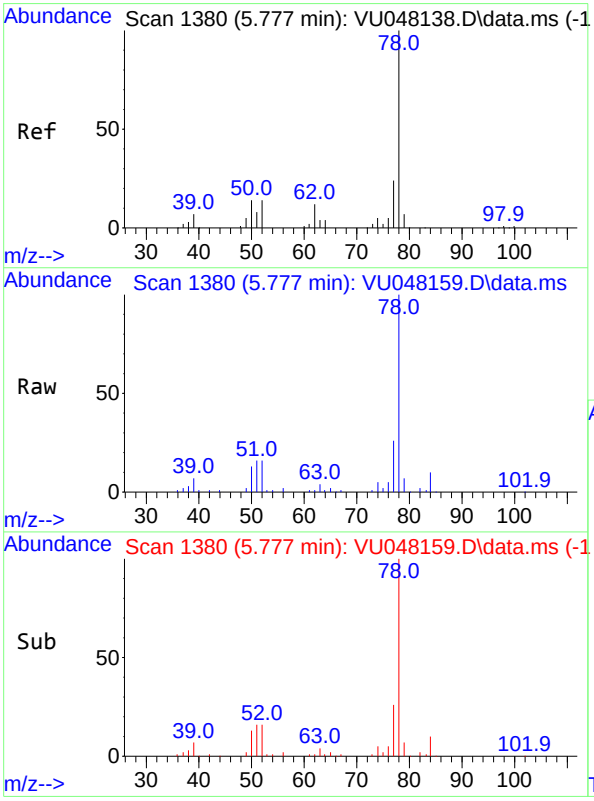
#16
Methylene chloride
Concen: 1.644 ug/L
RT: 3.051 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Tgt Ion: 84 Resp: 4945

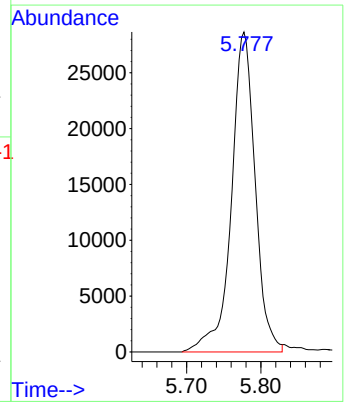
Ion	Ratio	Lower	Upper
84	100		
86	68.4	46.0	85.4
49	103.7	75.3	139.8

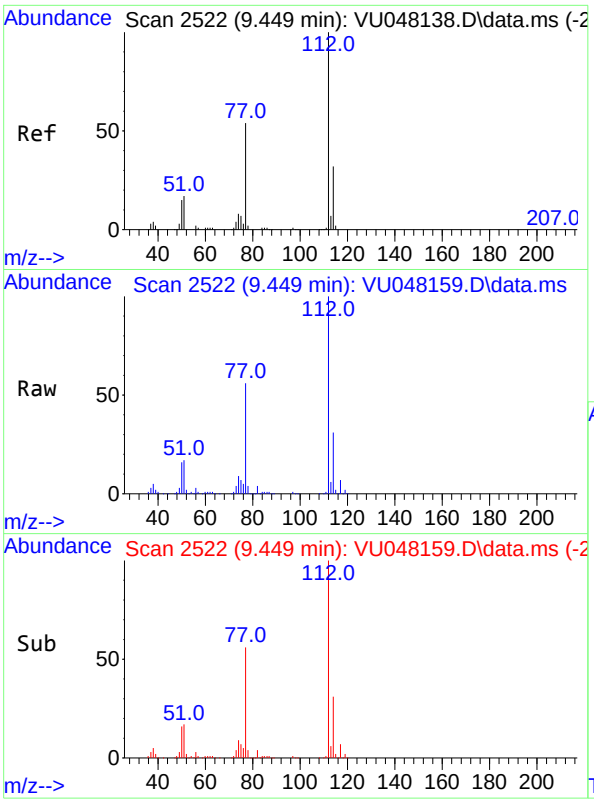




#33
Benzene
Concen: 5.695 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Tgt Ion: 78 Resp: 63755



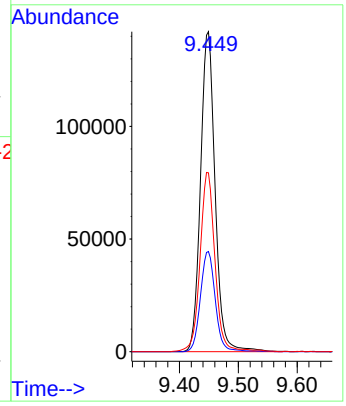


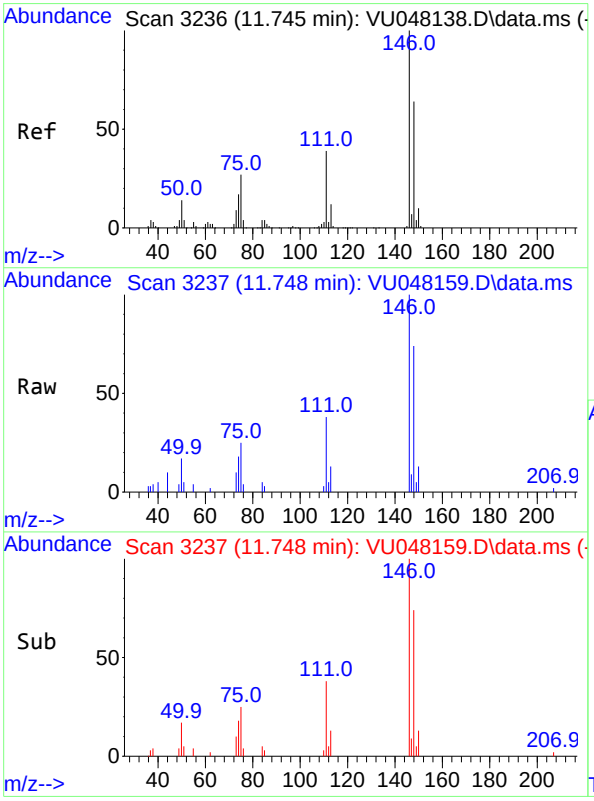
#51
Chlorobenzene
Concen: 29.329 ug/L
RT: 9.449 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Tgt Ion:112 Resp: 244608

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.1	41.1
77	55.9	43.4	65.0

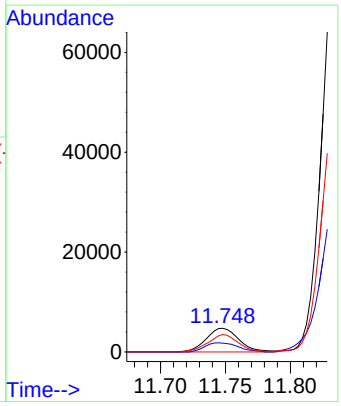


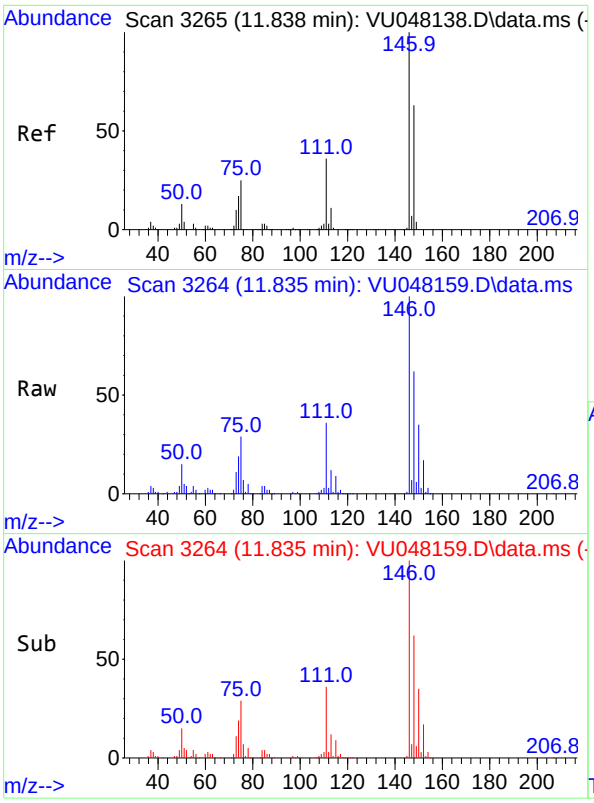


#64
1,3-Dichlorobenzene
Concen: 1.420 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Tgt Ion:146 Resp: 8324

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.7	49.7
148	73.9	44.4	82.5



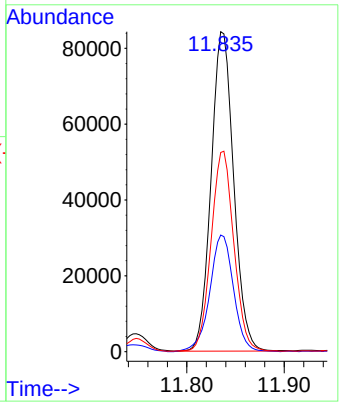


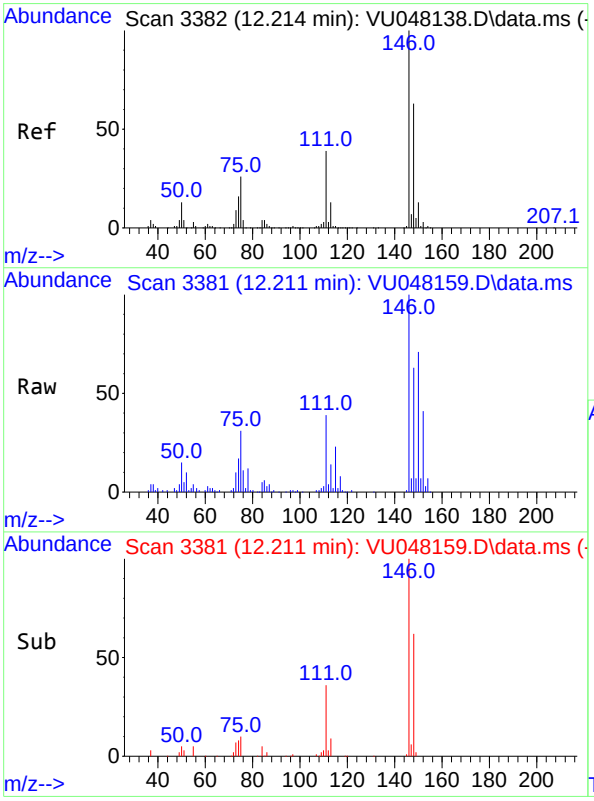
#65
1,4-Dichlorobenzene
Concen: 22.355 ug/L
RT: 11.835 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Tgt Ion:146 Resp: 135757

Ion	Ratio	Lower	Upper
146	100		
111	36.5	25.3	47.1
148	62.2	44.5	82.7

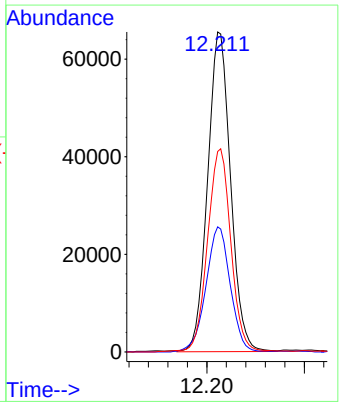


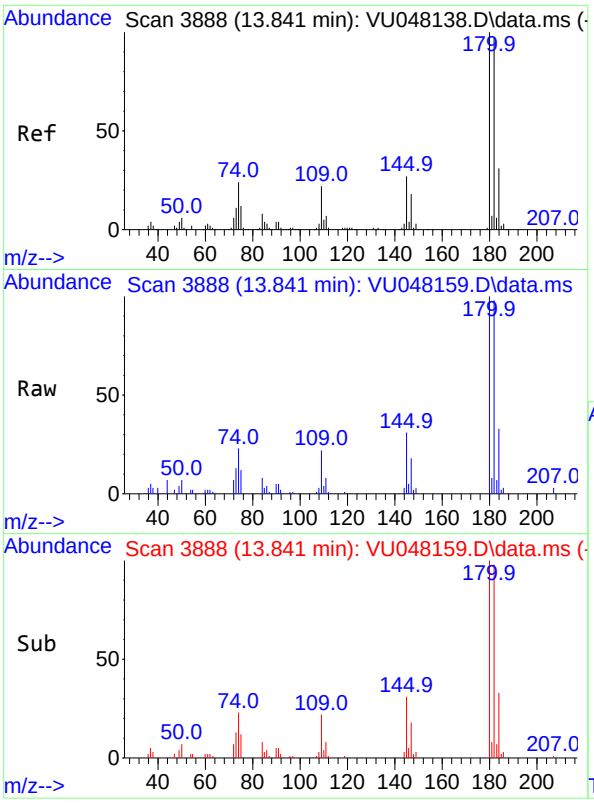


#67
1,2-Dichlorobenzene
Concen: 18.228 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Tgt Ion:146 Resp: 106930

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.7	47.5
148	62.7	51.4	77.2





#70
1,2,4-trichlorobenzene
Concen: 4.143 ug/L
RT: 13.841 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Tgt Ion:180 Resp: 17281

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.2	114.2
145	28.2	21.8	32.8