Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048220.D
Acq On : 22 Apr 2022 13:23
Operator : SY/MD
Sample : N2485-12DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J18DL

Quant Time: Apr 22 22:01:21 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	6.250	114	312960	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	325601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113140	49.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.700%			
7) Chloroethane-d5	1.916	69	89195	49.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.680%			
11) 1,1-Dichloroethene-d2	2.572	63	140142	33.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.500%			
21) 2-Butanone-d5	4.620	46	164173	84.280	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.280%			
24) Chloroform-d	5.067	84	187198	45.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.160%			
26) 1,2-Dichloroethane-d4	5.703	65	118052	46.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.700%			
32) Benzene-d6	5.729	84	391737	47.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.620%			
36) 1,2-Dichloropropane-d6	6.694	67	128787	51.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.360%			
41) Toluene-d8	7.899	98	331709	41.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.100%			
43) trans-1,3-Dichloroprop...	8.179	79	52545	41.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.440%			
47) 2-Hexanone-d5	8.633	63	105581	71.680	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 71.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188554	43.665	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.340%			
66) 1,2-Dichlorobenzene-d4	12.195	152	137404	47.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.740%			
Target Compounds						Qvalue
16) Methylene chloride	3.051	84	5200	2.111	ug/L	98
33) Benzene	5.777	78	244615	25.955	ug/L	100
51) Chlorobenzene	9.449	112	334278	47.608	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	8486	1.751	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	113974	22.704	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	95478	19.688	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	6458	1.873	ug/L	93

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

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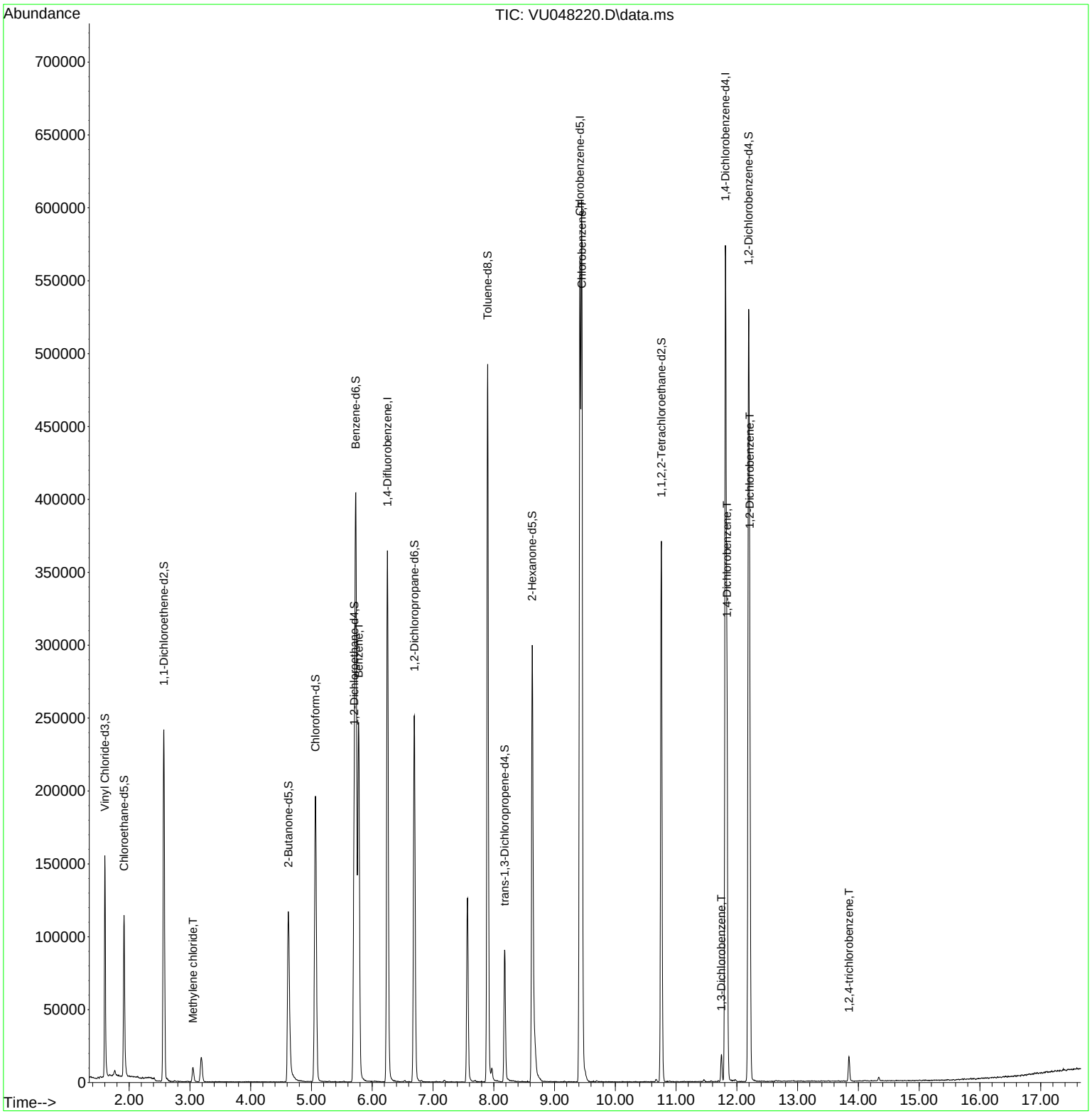
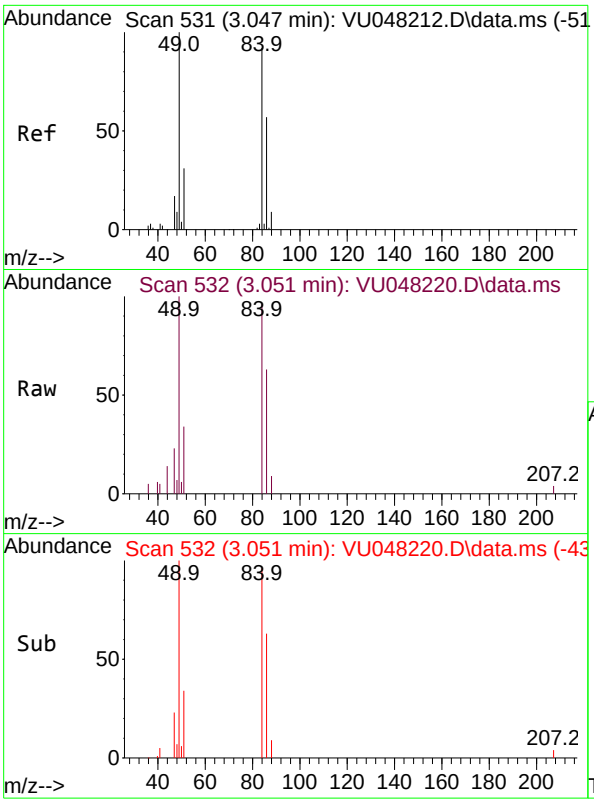


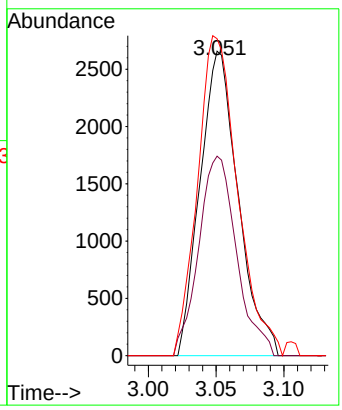


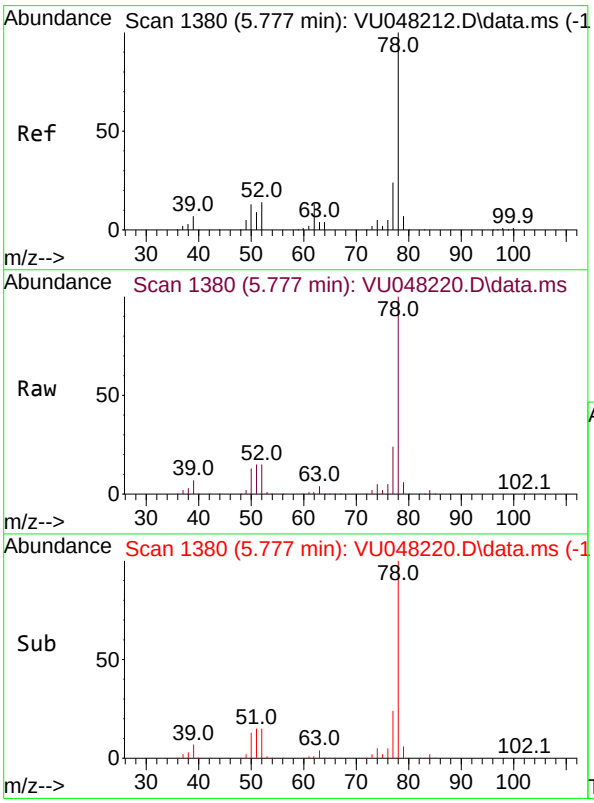
#16
Methylene chloride
Concen: 2.111 ug/L
RT: 3.051 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
C0J18DL

Tgt Ion: 84 Resp: 5200

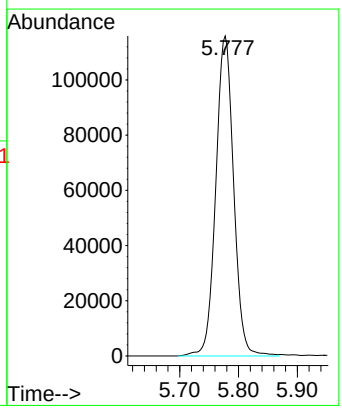
Ion	Ratio	Lower	Upper
84	100		
86	65.5	46.0	85.4
49	104.1	75.3	139.8

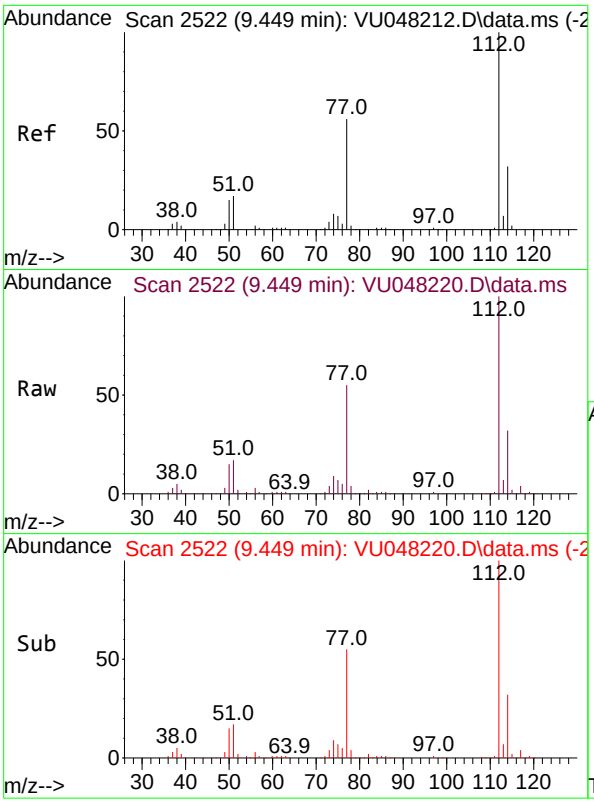




#33
Benzene
Concen: 25.955 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Tgt Ion: 78 Resp: 244615



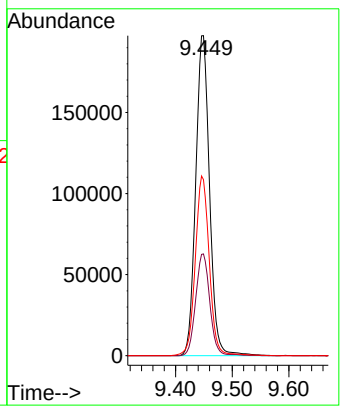


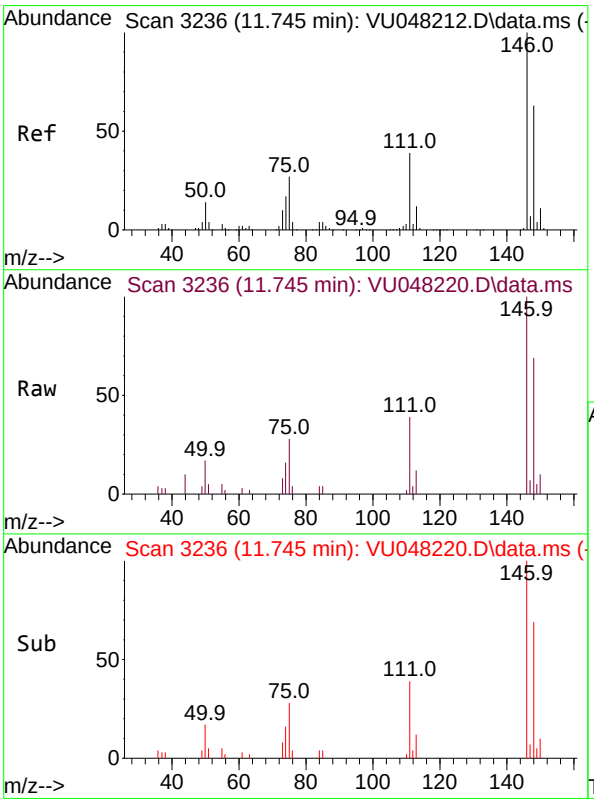
#51
Chlorobenzene
Concen: 47.608 ug/L
RT: 9.449 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
C0J18DL

Tgt Ion:112 Resp: 334278

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	55.0	43.4	65.0

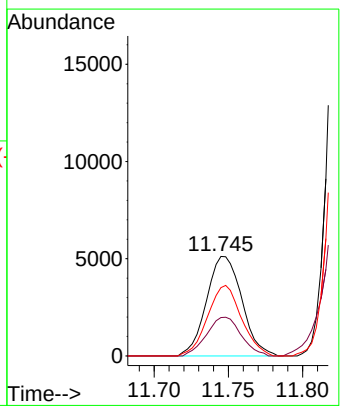


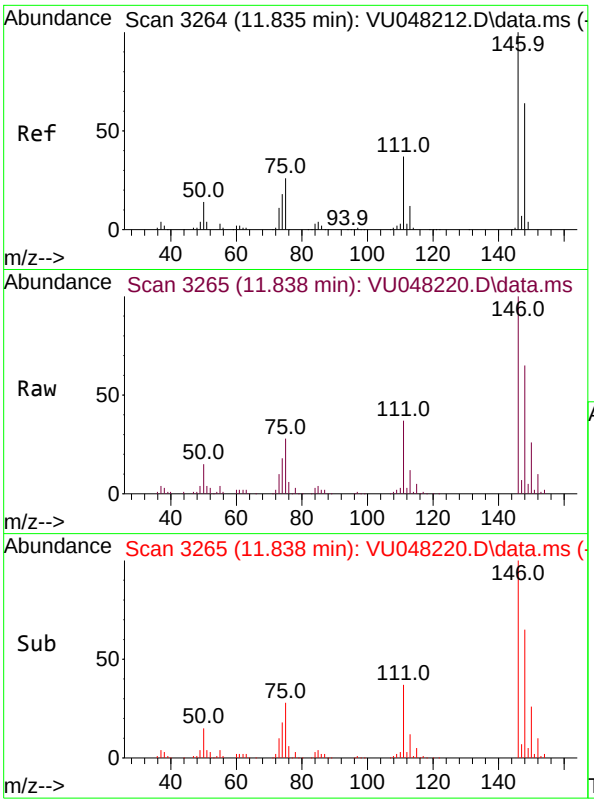


#64
1,3-Dichlorobenzene
Concen: 1.751 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Tgt Ion:146 Resp: 8486

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.7	49.7
148	68.6	44.4	82.5



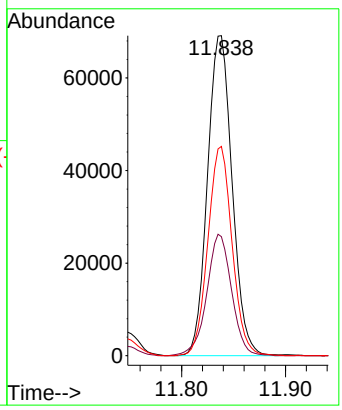


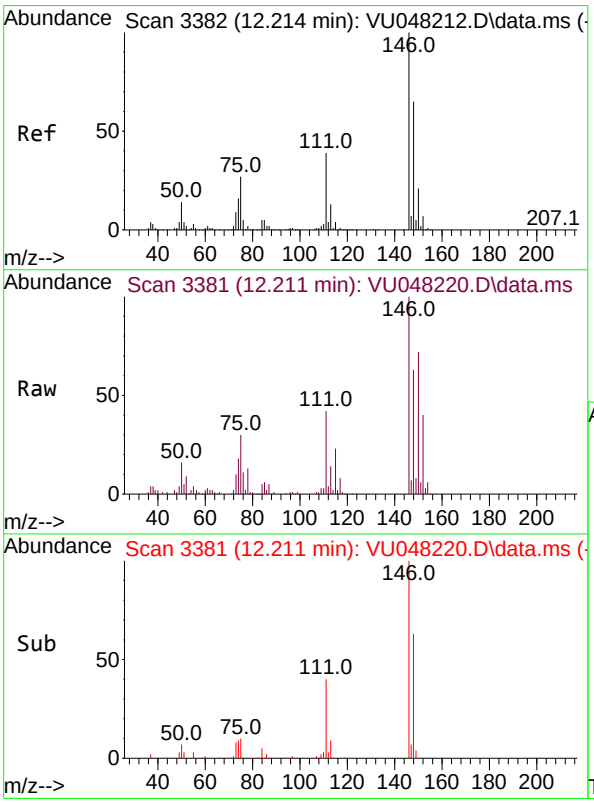
#65
1,4-Dichlorobenzene
Concen: 22.704 ug/L
RT: 11.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
C0J18DL

Tgt Ion:146 Resp: 113974

Ion	Ratio	Lower	Upper
146	100		
111	37.2	25.3	47.1
148	65.4	44.5	82.7

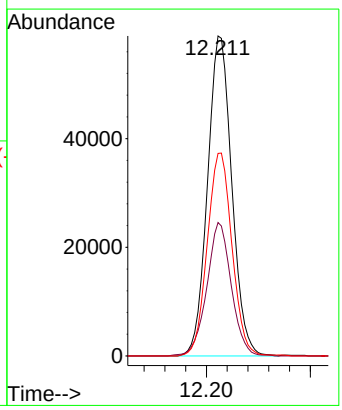


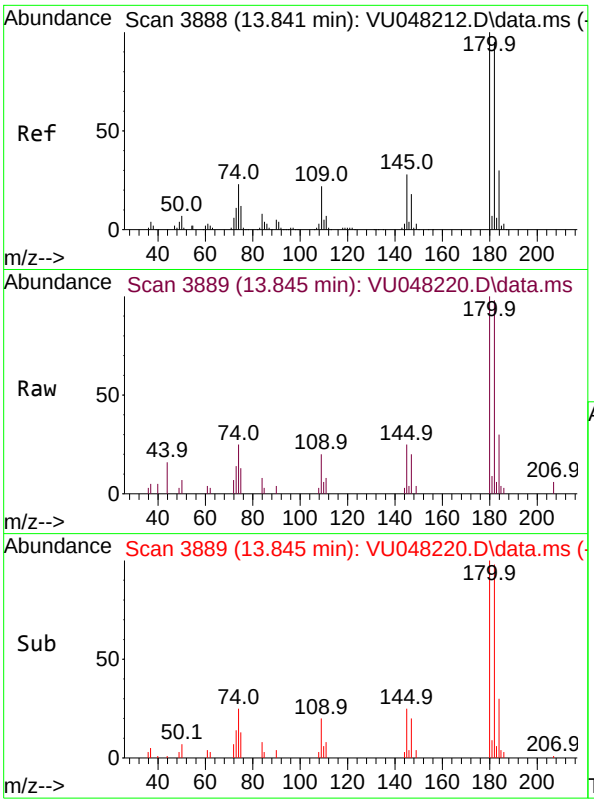


#67
1,2-Dichlorobenzene
Concen: 19.688 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Tgt Ion:146 Resp: 95478

Ion	Ratio	Lower	Upper
146	100		
111	41.7	31.7	47.5
148	63.3	51.4	77.2





#70
1,2,4-trichlorobenzene
Concen: 1.873 ug/L
RT: 13.845 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048220.D
Acq: 22 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
C0J18DL

Tgt Ion:180 Resp: 6458

Ion	Ratio	Lower	Upper
180	100		
182	104.1	76.2	114.2
145	27.3	21.8	32.8