Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048057.D
Acq On : 14 Apr 2022 14:48
Operator : SY/MD
Sample : N2386-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HY8

Quant Time: Apr 15 02:26:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 02:23:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	250053	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103814	57.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.500%			
7) Chloroethane-d5	1.912	69	97499	68.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 136.380%#			
11) 1,1-Dichloroethene-d2	2.568	63	140544	42.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.720%			
21) 2-Butanone-d5	4.626	46	211046	135.600	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.600%#			
24) Chloroform-d	5.067	84	218118	65.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.480%#			
26) 1,2-Dichloroethane-d4	5.703	65	143945	70.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.480%#			
32) Benzene-d6	5.729	84	438973	65.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.180%#			
36) 1,2-Dichloropropane-d6	6.690	67	146139	71.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 142.200%#			
41) Toluene-d8	7.899	98	383285	58.779	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.560%			
43) trans-1,3-Dichloroprop...	8.179	79	59291	56.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.880%			
47) 2-Hexanone-d5	8.636	63	150717	125.258	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.260%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223199	63.274	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 126.540%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	161534	67.040	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 134.080%#			
Target Compounds						Qvalue
13) Acetone	2.633	43	4471	3.087	ug/L	90
51) Chlorobenzene	9.449	112	98330	17.143	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	20045	4.927	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	83448	19.803	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	40096	9.850	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	5217	1.803	ug/L	97

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

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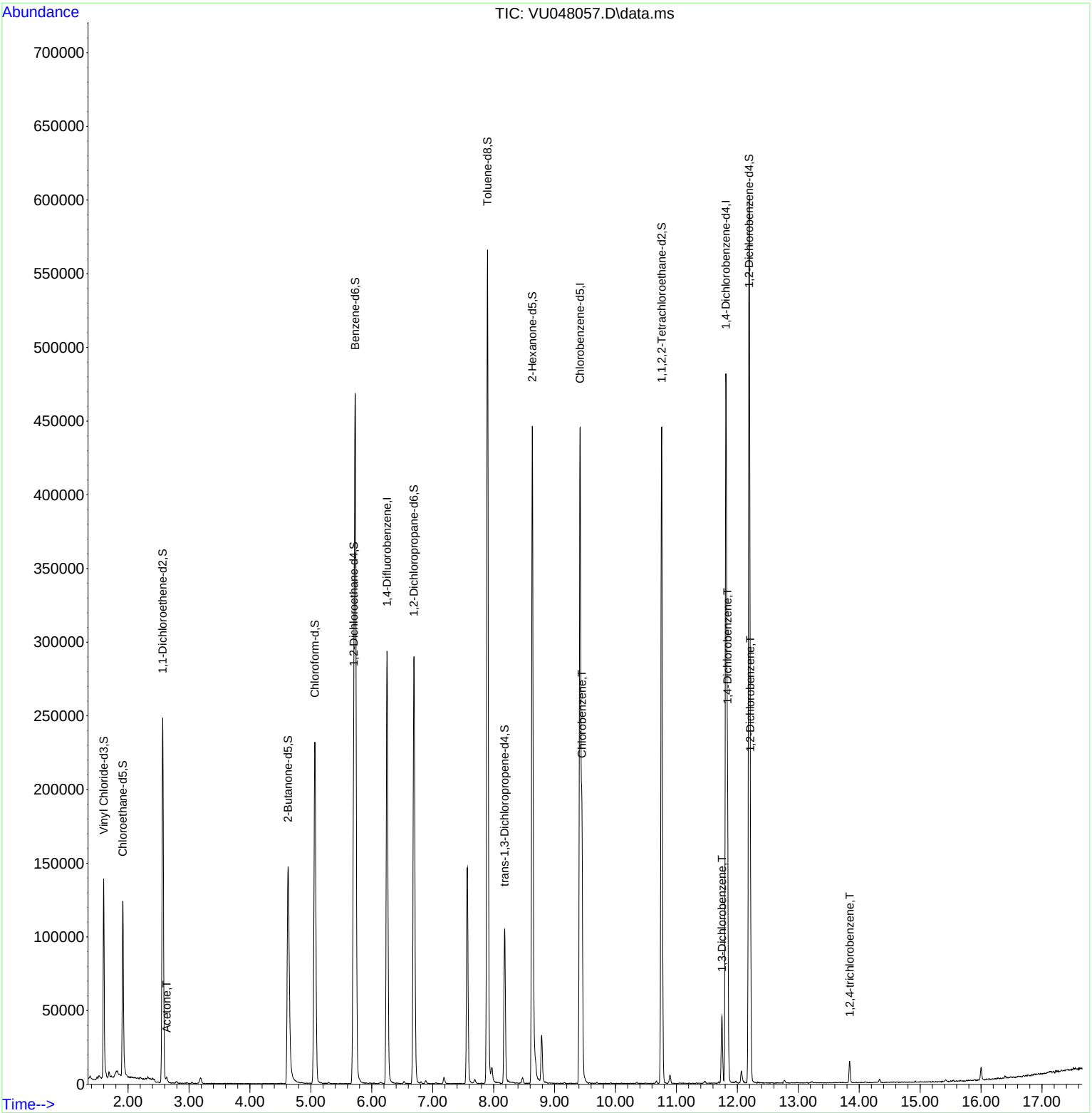
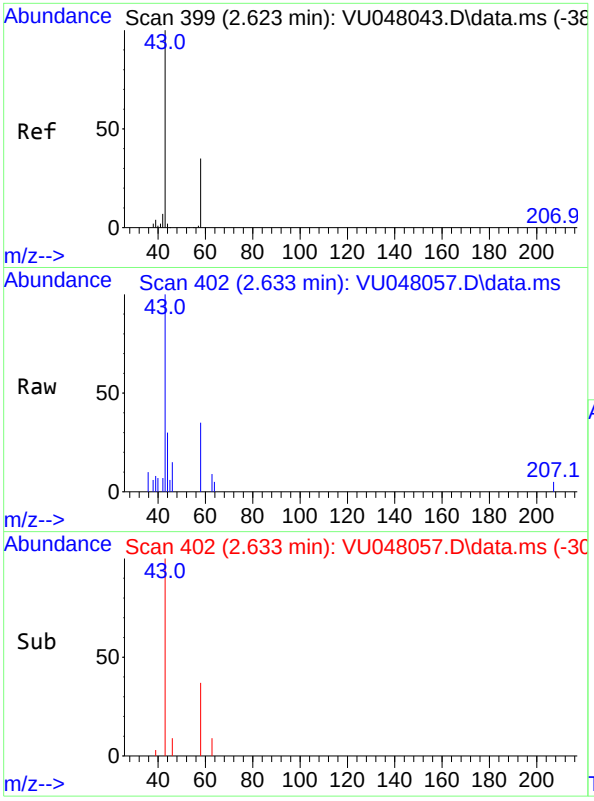


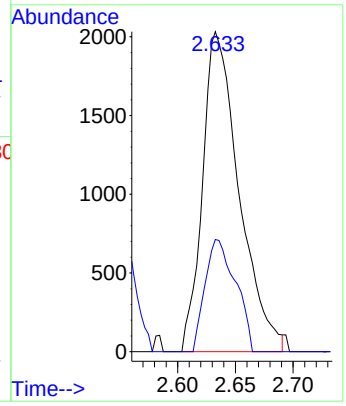


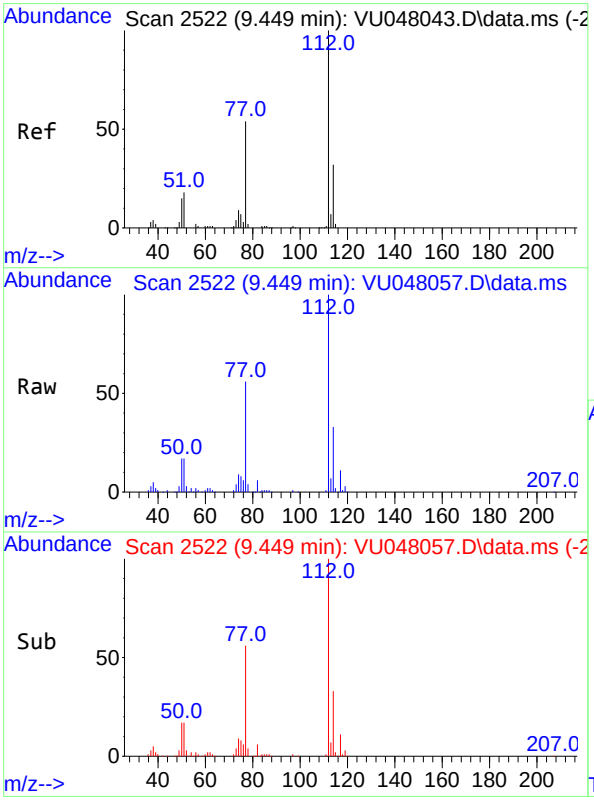
#13
Acetone
Concen: 3.087 ug/L
RT: 2.633 min Scan# 4(
Delta R.T. 0.010 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
C0HY8

Tgt Ion: 43 Resp: 4471

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	70.0

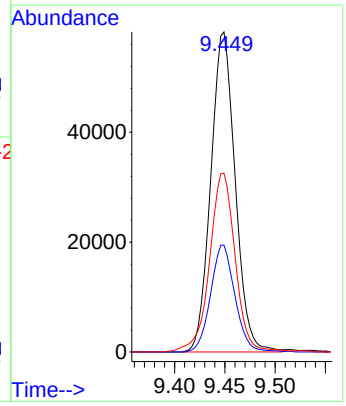


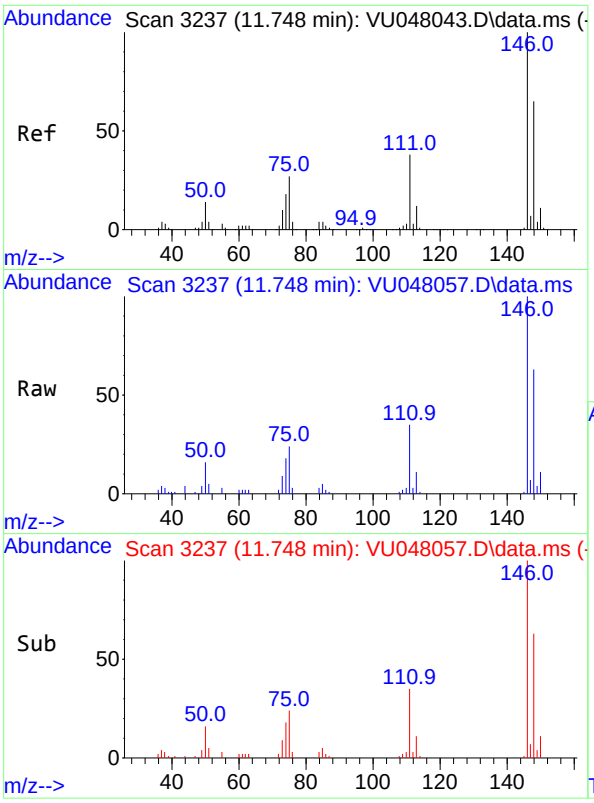


#51
Chlorobenzene
Concen: 17.143 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Tgt Ion:112 Resp: 98330

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.1	41.1
77	55.9	43.4	65.0



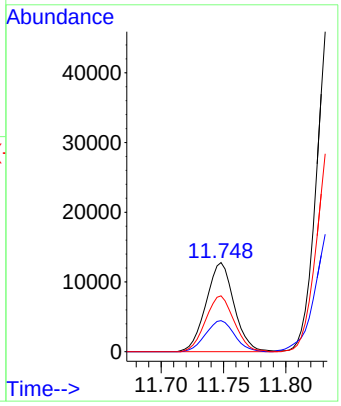


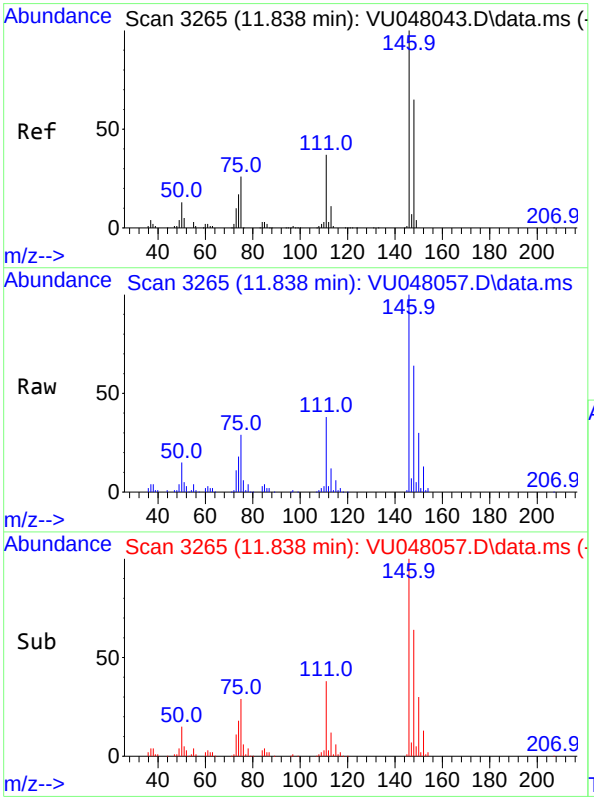
#64
1,3-Dichlorobenzene
Concen: 4.927 ug/L
RT: 11.748 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
C0HY8

Tgt Ion:146 Resp: 20045

Ion	Ratio	Lower	Upper
146	100		
111	34.9	26.7	49.7
148	62.6	44.4	82.5

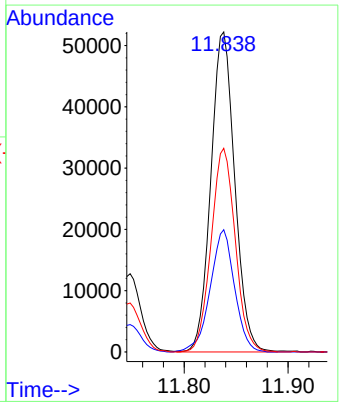


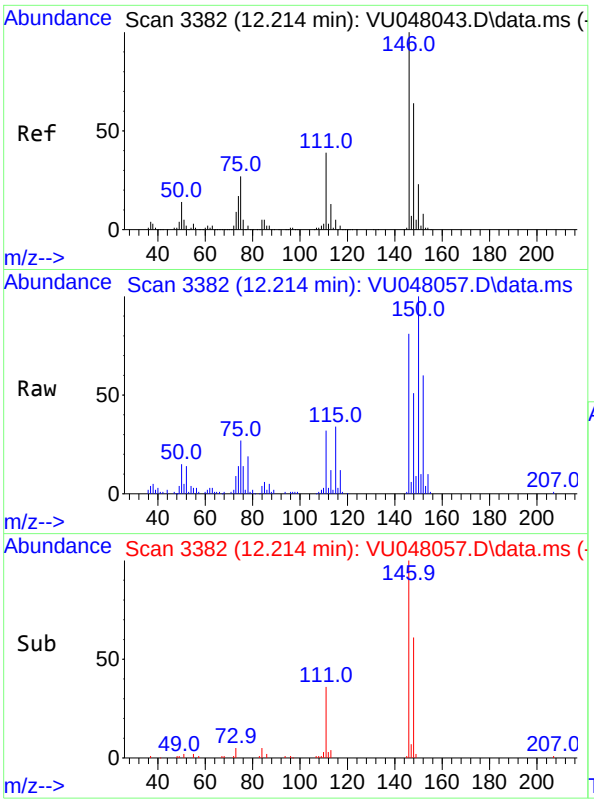


#65
1,4-Dichlorobenzene
Concen: 19.803 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Tgt Ion:146 Resp: 83448

Ion	Ratio	Lower	Upper
146	100		
111	38.2	25.3	47.1
148	63.7	44.5	82.7



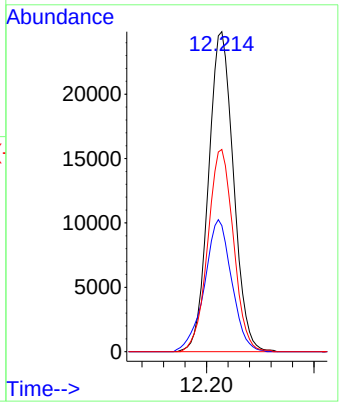


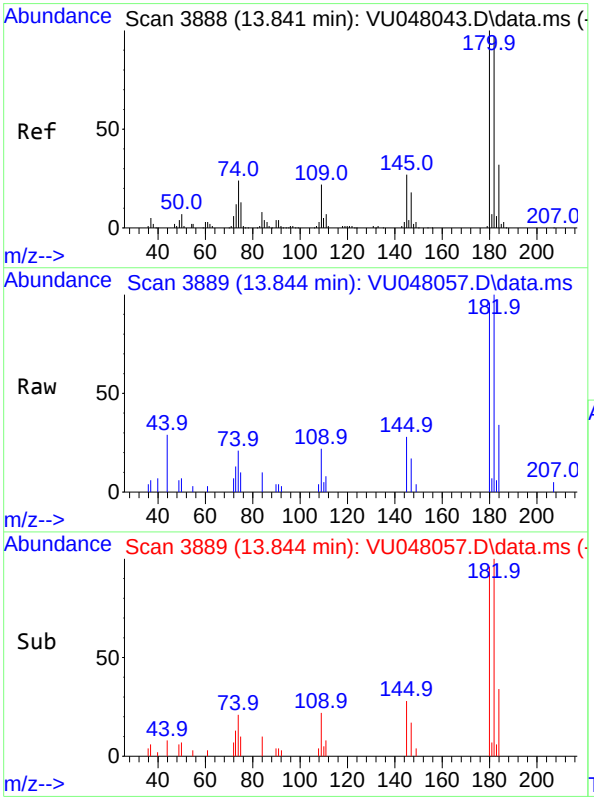
#67
1,2-Dichlorobenzene
Concen: 9.850 ug/L
RT: 12.214 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
C0HY8

Tgt Ion:146 Resp: 40096

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.7	47.5
148	63.2	51.4	77.2





#70
1,2,4-trichlorobenzene
Concen: 1.803 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU048057.D
Acq: 14 Apr 2022 14:48

Tgt Ion:180 Resp: 5217

Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.2	114.2
145	26.8	21.8	32.8