Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026755.D
Acq On : 14 Sep 2018 10:58
Operator : MD/SY
Sample : J4893-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K2DL

Quant Time: Sep 21 05:37:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 05:15:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179451	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74659	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55703	41.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.30%			
7) Chloroethane-d5	1.68	69	46183	42.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.72%			
11) 1,1-Dichloroethene-d2	2.27	63	79616	33.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.54%			
21) 2-Butanone-d5	4.18	46	80834	97.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.13%			
24) Chloroform-d	4.65	84	96582	43.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.88%			
26) 1,2-Dichloroethane-d4	5.31	65	64915	44.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.22%			
32) Benzene-d6	5.34	84	194584	44.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.06%			
36) 1,2-Dichloropropane-d6	6.33	67	66977	45.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.36%			
41) Toluene-d8	7.57	98	173968	42.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.86%			
43) trans-1,3-Dichloropropene-	7.85	79	28112	41.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.48%			
47) 2-Hexanone-d5	8.31	63	54881	91.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88013	43.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67021	45.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.06%			
Target Compounds						Qvalue
51) Chlorobenzene	9.12	112	59621	18.531	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	3355	1.565	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	14444	6.360	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	140852	62.169	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	16032	10.848	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	3077	1.922	ug/L	98

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

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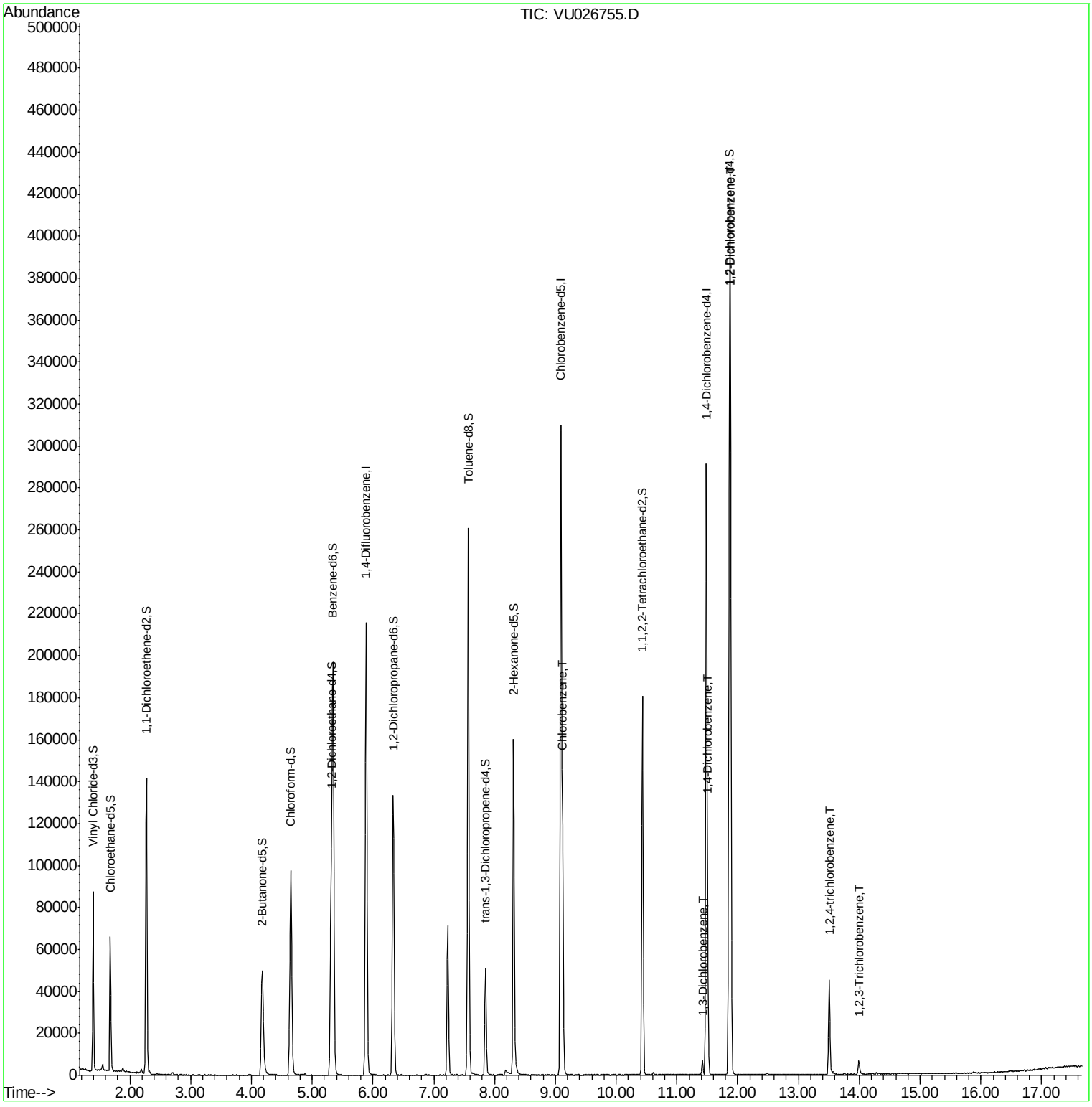
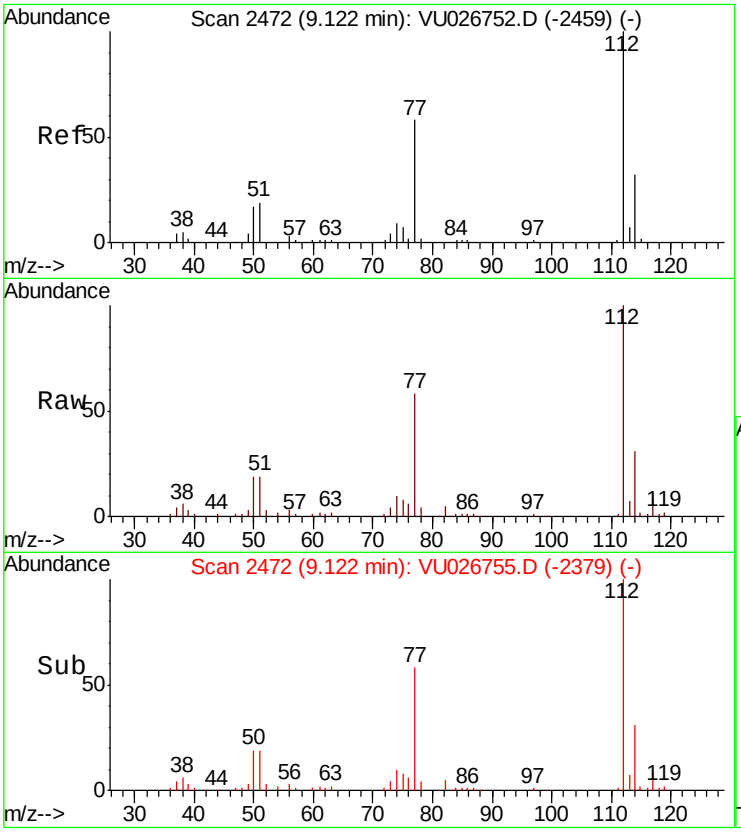


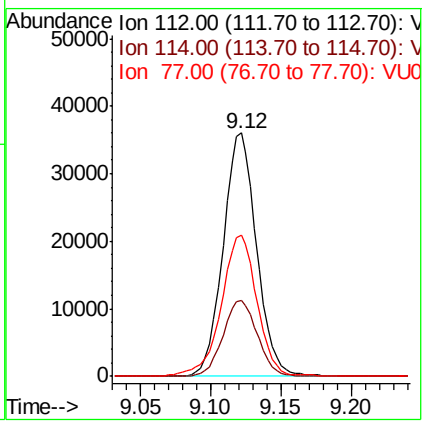


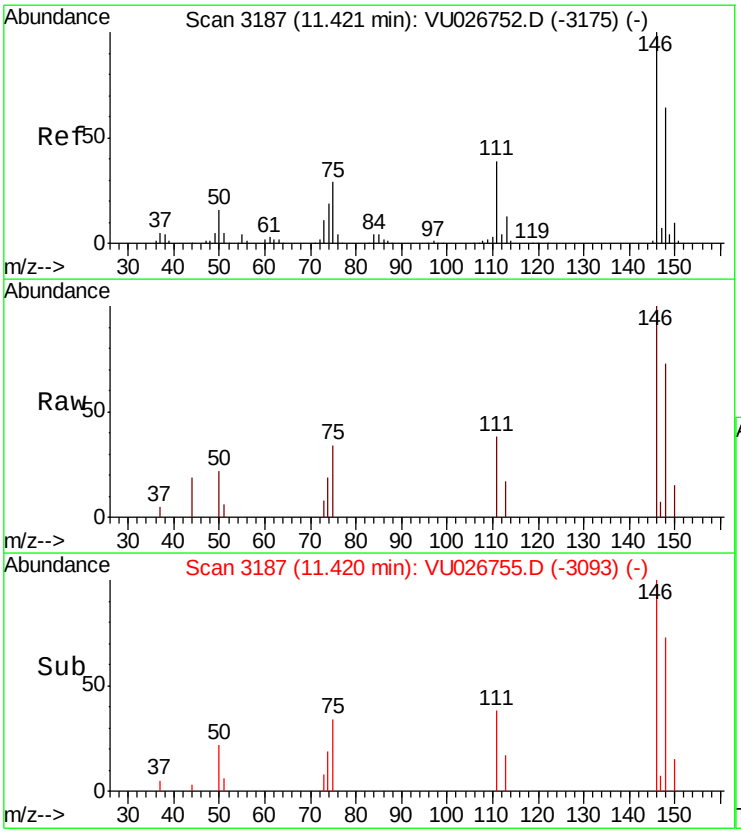
#51
Chlorobenzene
Concen: 18.531 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Instrument : MSVOA_U
ClientSampleId : C08K2DL

Tgt Ion:112 Resp: 59621

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.9	42.5
77	58.1	47.2	70.8

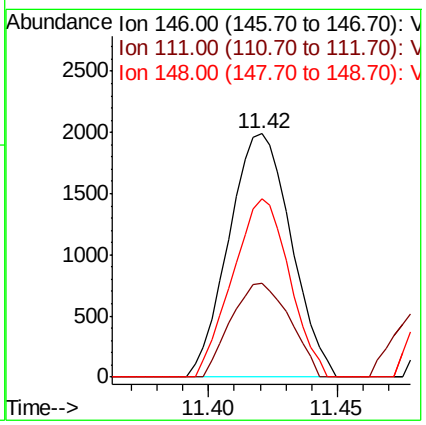


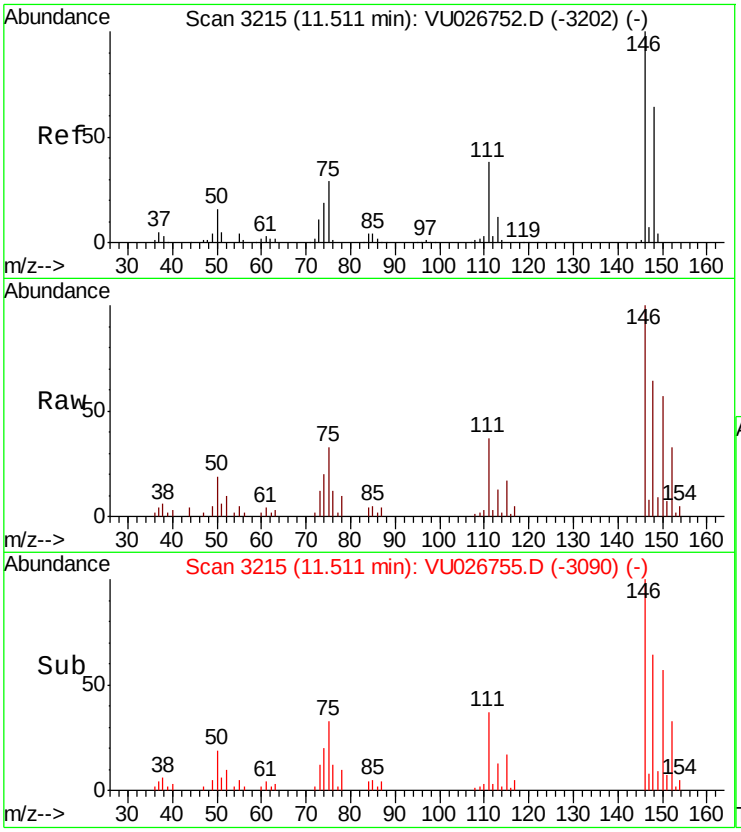


#62
1,3-Dichlorobenzene
Concen: 1.565 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Tgt Ion:146 Resp: 3355

Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.7	49.5
148	73.4	44.2	82.2



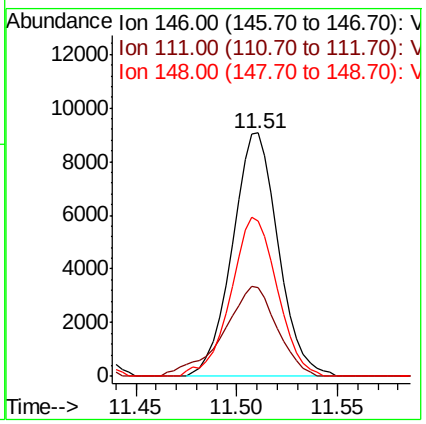


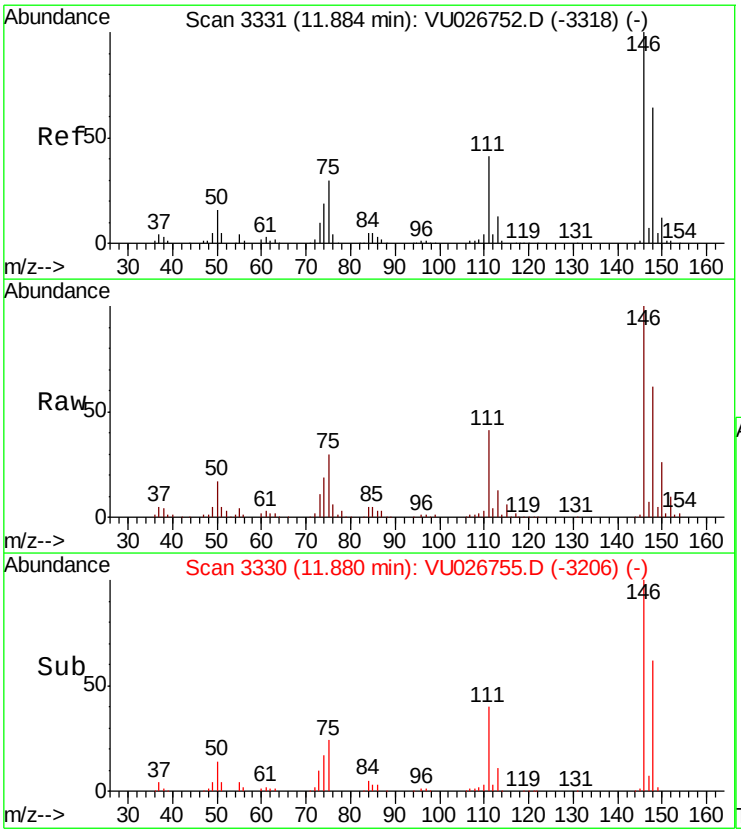
#63
1,4-Dichlorobenzene
Concen: 6.360 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Instrument : MSVOA_U
ClientSampleId : C08K2DL

Tgt Ion:146 Resp: 14444

Ion	Ratio	Lower	Upper
146	100		
111	36.7	26.5	49.3
148	63.9	45.2	84.0

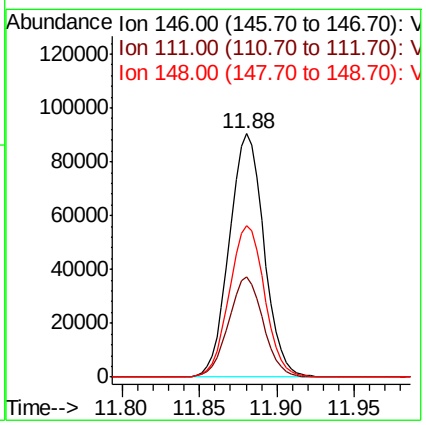


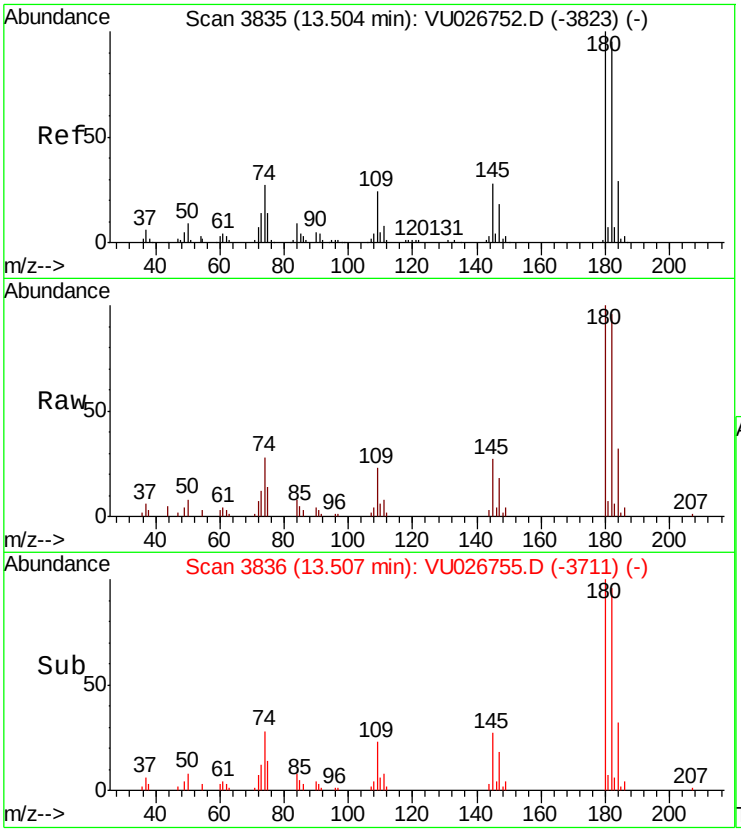


#65
1,2-Dichlorobenzene
Concen: 62.169 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Tgt Ion:146 Resp: 140852

Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.8	49.2
148	62.4	52.2	78.4



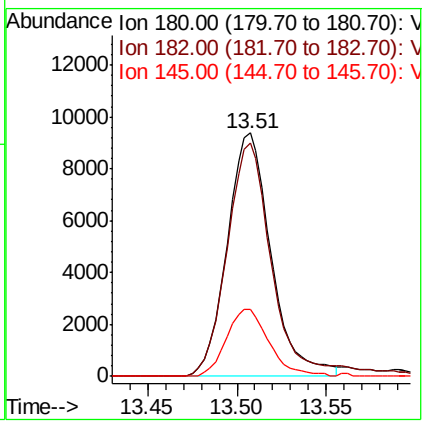


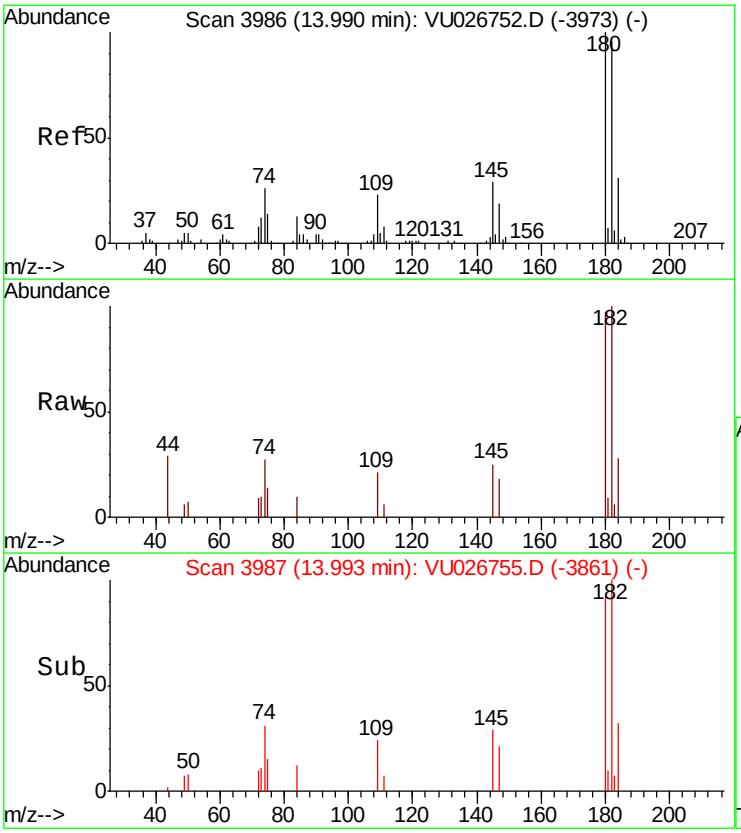
#68
1,2,4-trichlorobenzene
Concen: 10.848 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
C08K2DL

Tgt Ion:180 Resp: 16032

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	26.8	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 1.922 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026755.D
Acq: 14 Sep 2018 10:58

Tgt Ion:180 Resp: 3077

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
145	25.7	23.0	34.6