Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111119\
Data File : VU035684.D
Acq On : 11 Nov 2019 10:34
Operator : JC/SP
Sample : VU1111WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Nov 11 15:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 11 15:13:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	713454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	682129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	196142	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	244306	42.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.80%			
7) Chloroethane-d5	1.93	69	210801	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.62%			
11) 1,1-Dichloroethene-d2	2.59	63	293608	32.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.52%			
21) 2-Butanone-d5	4.69	46	326207	96.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.91%			
24) Chloroform-d	5.11	84	406321	45.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.32%			
26) 1,2-Dichloroethane-d4	5.75	65	249995	45.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.72%			
32) Benzene-d6	5.77	84	861217	48.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.86%			
36) 1,2-Dichloropropane-d6	6.73	67	280379	48.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.26%			
41) Toluene-d8	7.93	98	783812	46.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.48%			
43) trans-1,3-Dichloropropene-	8.21	79	129402	48.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.44%			
47) 2-Hexanone-d5	8.68	63	216311	97.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.88%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	380140	46.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.72%			
64) 1,2-Dichlorobenzene-d4	12.22	152	201196	50.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.72%			

Target Compounds						Qvalue
48) 2-Hexanone	8.73	43	17915	3.208	ug/L #	63
63) 1,4-Dichlorobenzene	11.87	146	5373	0.855	ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	5236	0.831	ug/L #	91
67) 1,3,5-Trichlorobenzene	13.24	180	3912	1.094	ug/L	94
68) 1,2,4-trichlorobenzene	13.87	180	3718	1.553	ug/L	96
69) Naphthalene	14.11	128	9445	1.538	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	4722	1.830	ug/L	87

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

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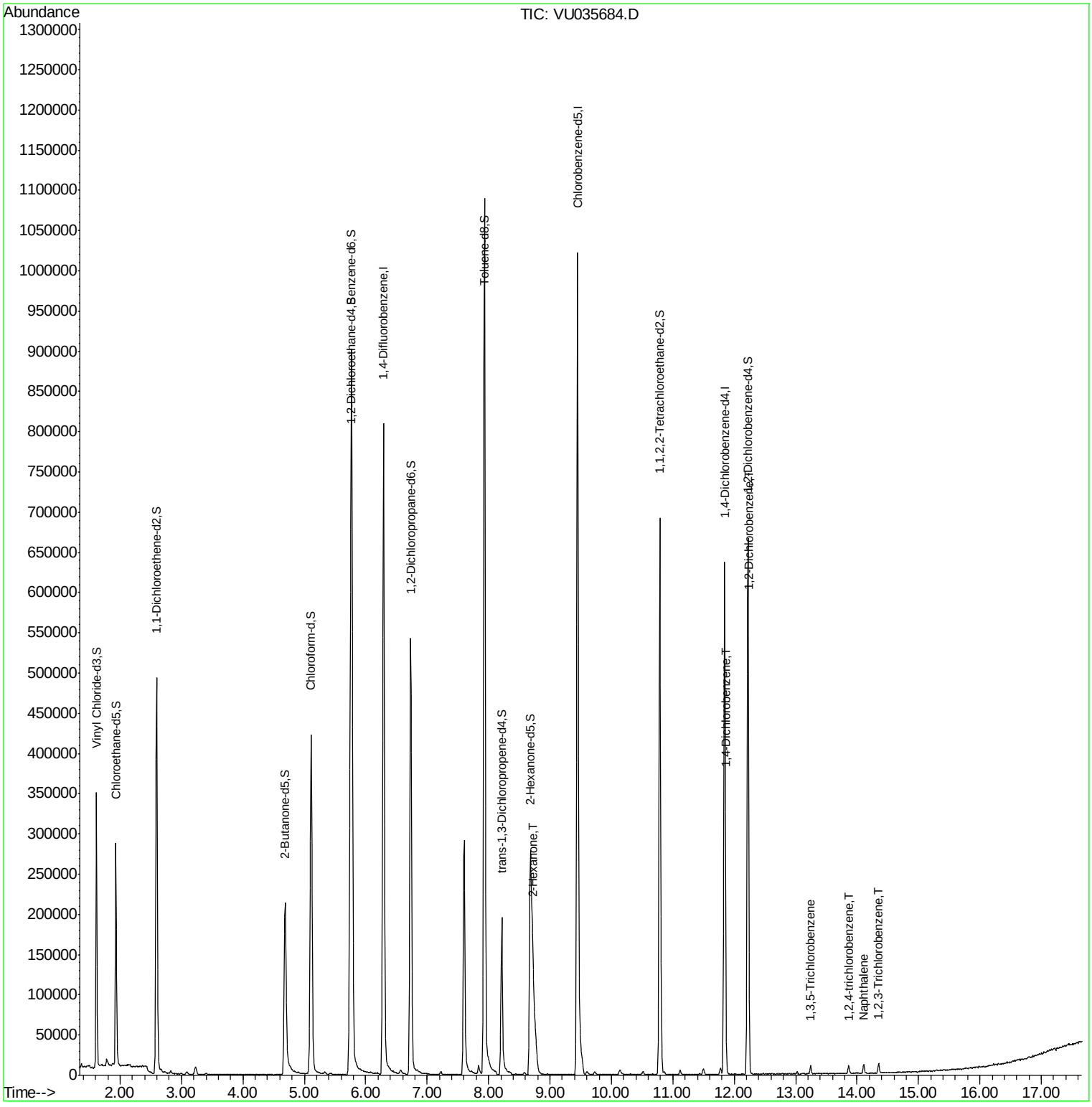
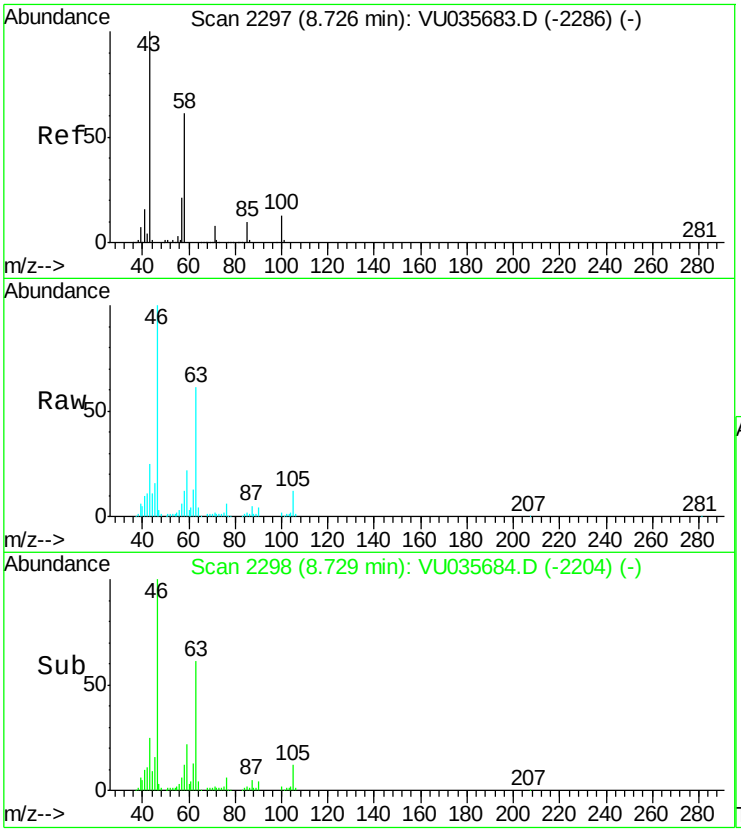
Quant Title : VOC Analysis
QLast Update : Mon Nov 11 15:13:39 2019
Response via : Initial Calibration



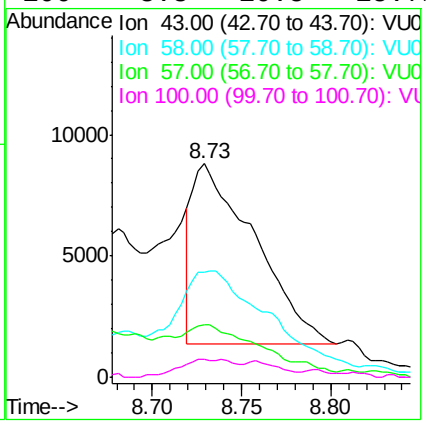


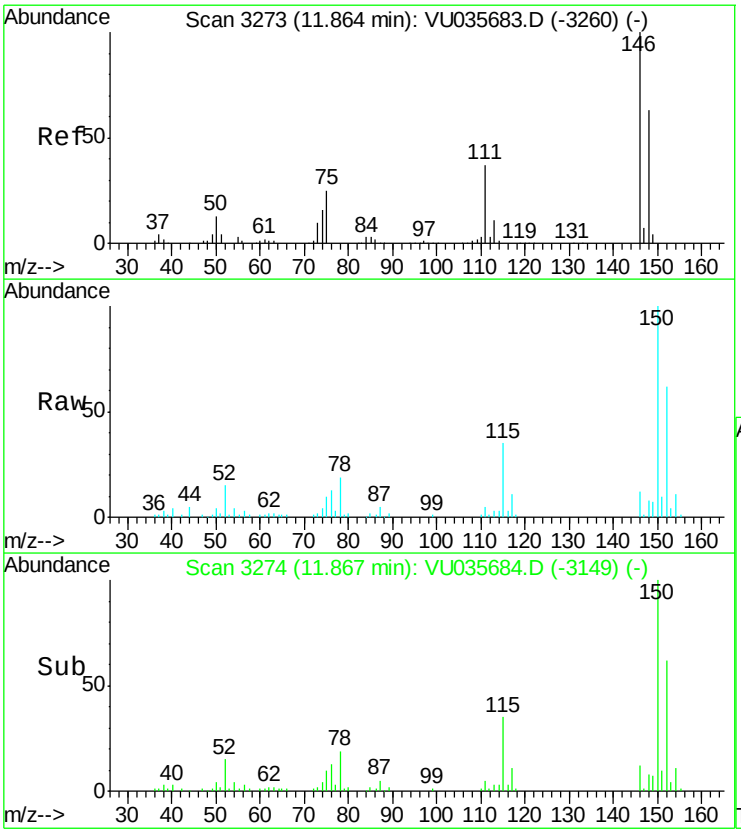
#48
2-Hexanone
Concen: 3.208 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Instrument : MSVOA_U
ClientSampleId : VBLK51

Tgt Ion: 43 Resp: 17915

Ion	Ratio	Lower	Upper
43	100		
58	35.0	50.4	75.6#
57	0.0	17.4	26.0#
100	3.8	10.5	15.7#

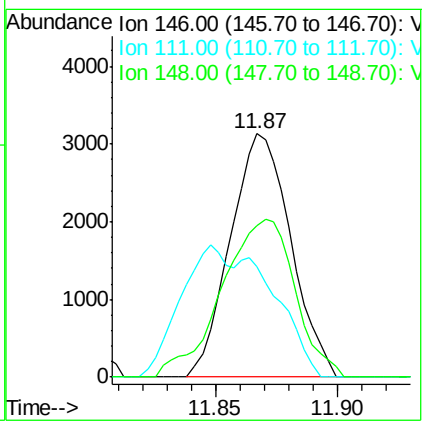


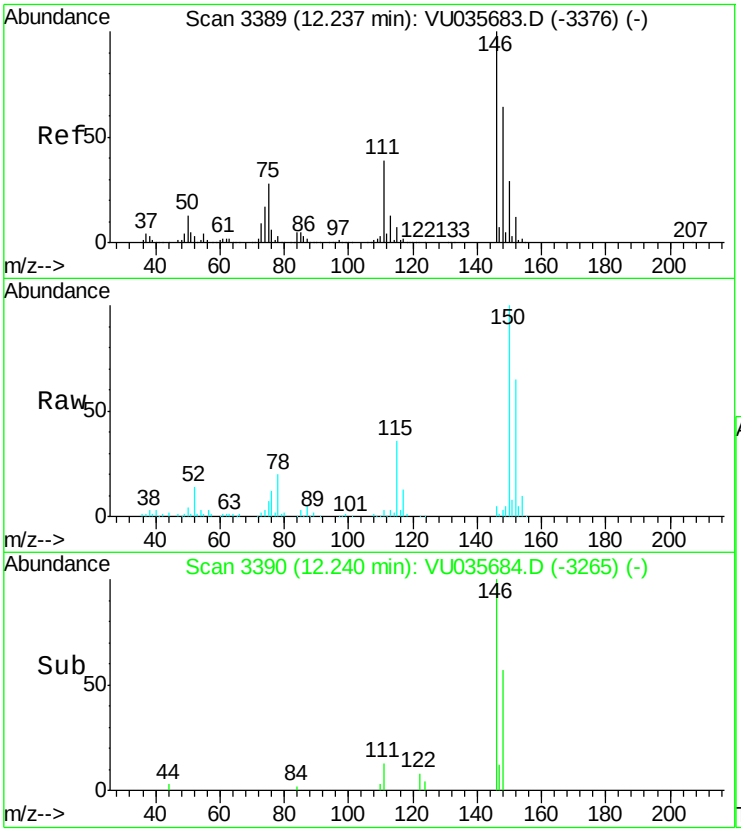


#63
1,4-Dichlorobenzene
Concen: 0.855 ug/L
RT: 11.87 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Tgt Ion:146 Resp: 5373

Ion	Ratio	Lower	Upper
146	100		
111	45.4	26.5	49.1
148	62.5	44.4	82.5



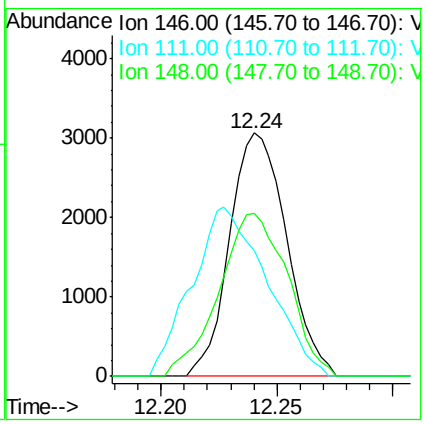


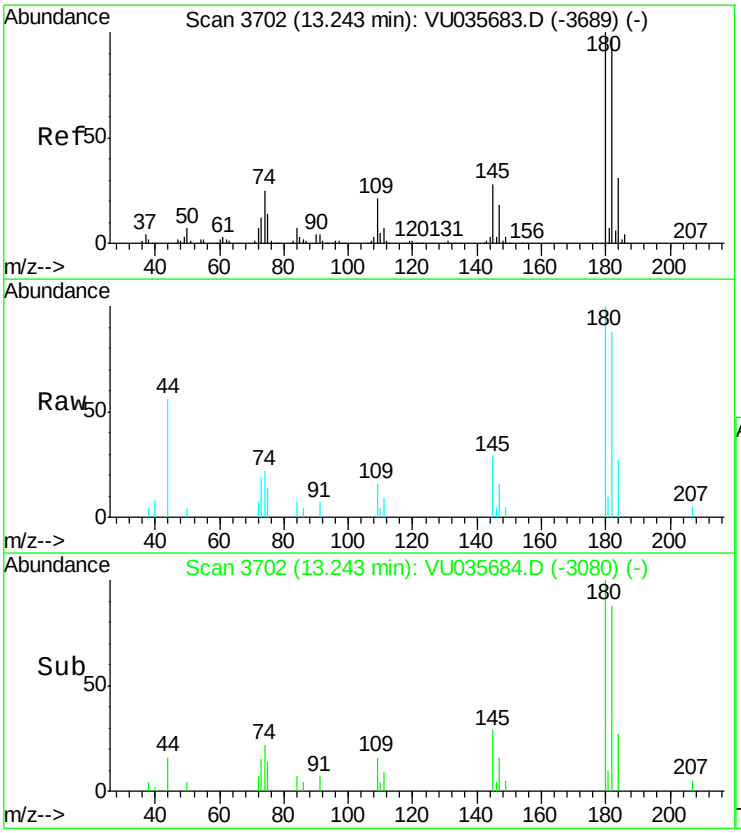
#65
1,2-Dichlorobenzene
Concen: 0.831 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Instrument : MSVOA_U
ClientSampleId : VBLK51

Tgt Ion:146 Resp: 5236

Ion	Ratio	Lower	Upper
146	100		
111	51.9	32.4	48.6#
148	66.8	51.8	77.6

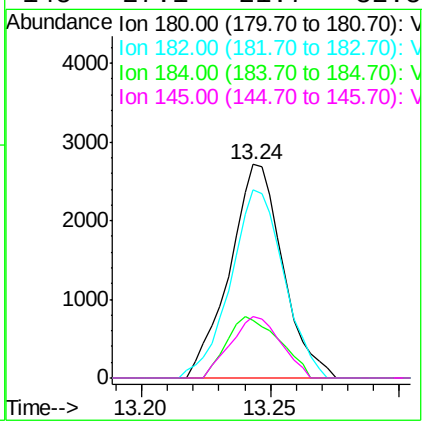


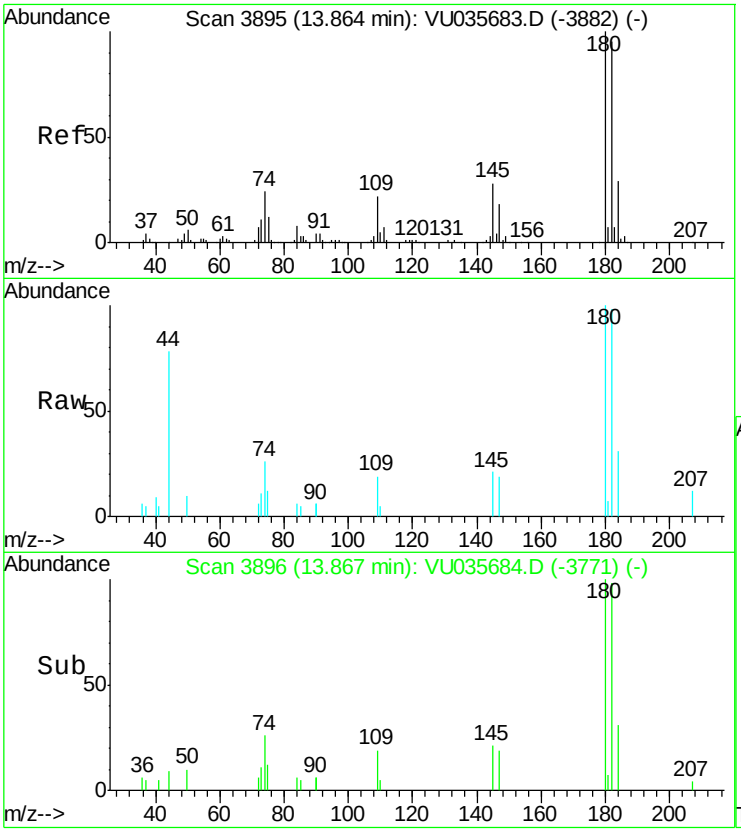


#67
1,3,5-Trichlorobenzene
Concen: 1.094 ug/L
RT: 13.24 min Scan# 3702
Delta R.T. -0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Tgt Ion:180 Resp: 3912

Ion	Ratio	Lower	Upper
180	100		
182	88.0	77.0	115.4
184	28.5	24.6	36.8
145	27.1	21.7	32.5



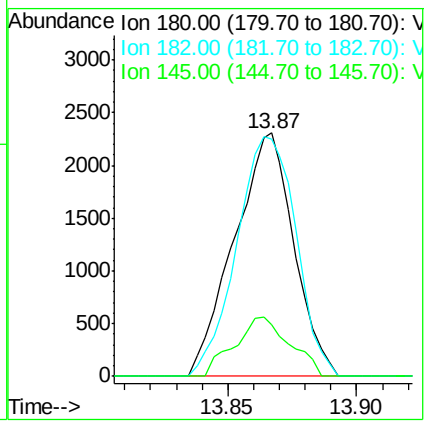


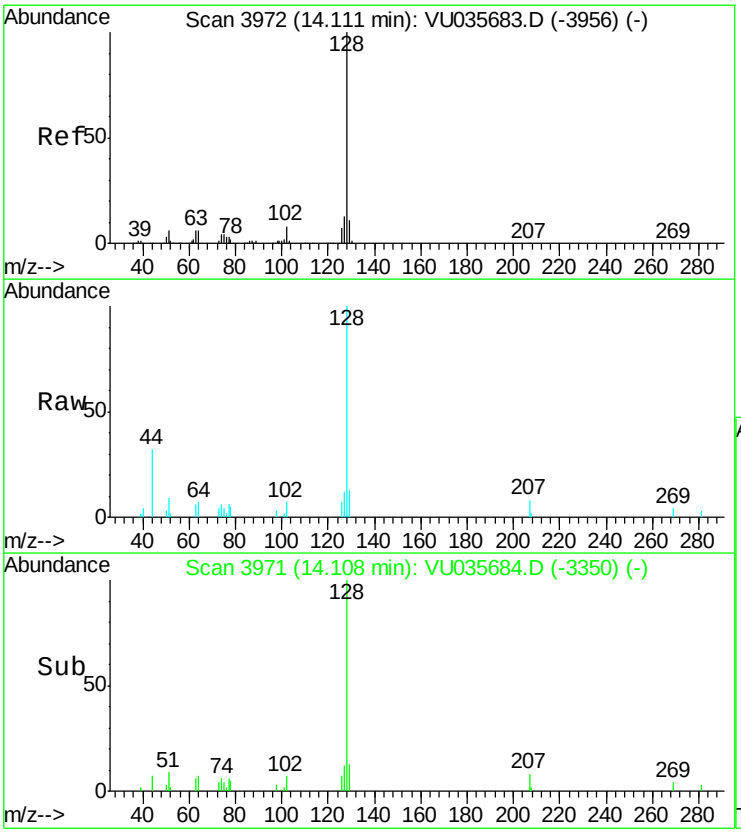
#68
1,2,4-trichlorobenzene
Concen: 1.553 ug/L
RT: 13.87 min Scan# 3896
Delta R.T. 0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:180 Resp: 3718

Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.6	115.0
145	22.5	21.9	32.9

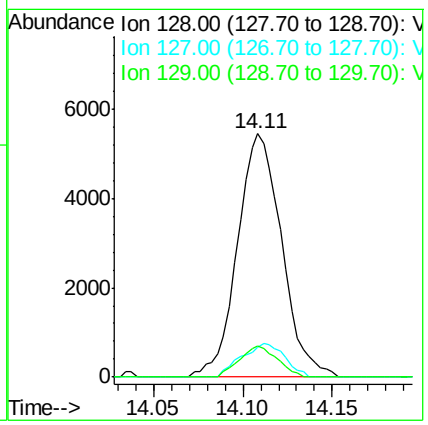


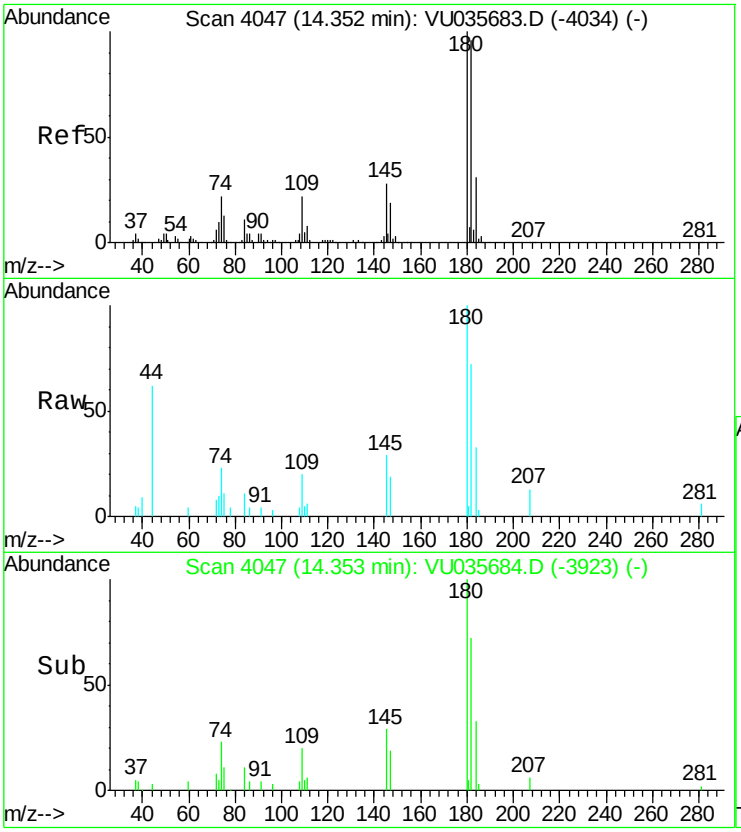


#69
Naphthalene
Concen: 1.538 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Tgt Ion:128 Resp: 9445

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.9	8.5	12.7





#70
1,2,3-Trichlorobenzene
Concen: 1.830 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. -0.00 min
Lab File: VU035684.D
Acq: 11 Nov 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:180 Resp: 4722

Ion	Ratio	Lower	Upper
180	100		
182	80.3	77.6	116.4
145	28.8	23.4	35.0