Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031138.D
Acq On : 12 Apr 2019 18:59
Operator : JC/SP
Sample : K2339-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC75

Quant Time: Apr 13 01:06:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	508122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216154	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	215148	47.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.82%			
7) Chloroethane-d5	1.68	69	159127	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.26	63	277325	33.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.56%			
21) 2-Butanone-d5	4.17	46	319238	88.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.75%			
24) Chloroform-d	4.64	84	320823	46.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.56%			
26) 1,2-Dichloroethane-d4	5.31	65	219967	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.00%			
32) Benzene-d6	5.33	84	664049	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.54%			
36) 1,2-Dichloropropane-d6	6.32	67	221112	43.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.00%			
41) Toluene-d8	7.56	98	560355	42.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.24%			
43) trans-1,3-Dichloropropene-	7.85	79	94232	40.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.30%			
47) 2-Hexanone-d5	8.31	63	184417	79.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.37%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301293	43.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	202714	47.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.38%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2246	0.617	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2048	0.583	ug/L #	1
13) Acetone	2.32	43	3689	1.002	ug/L	95
25) Chloroform	4.66	83	14425	1.864	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	4301	0.728	ug/L	91
48) 2-Hexanone	8.36	43	9842	1.666	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	24970	4.428	ug/L #	86

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

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MSVOA_U
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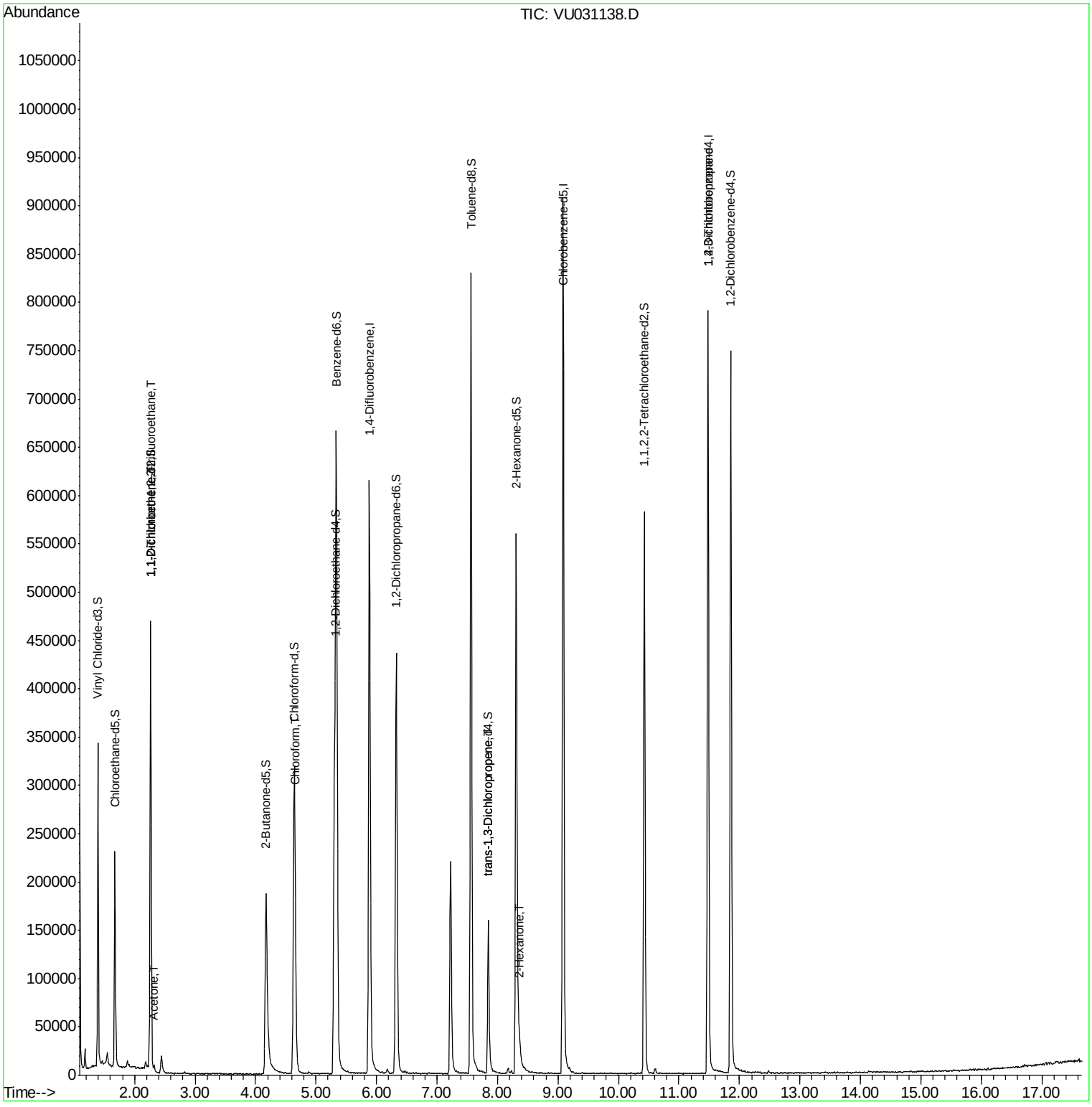
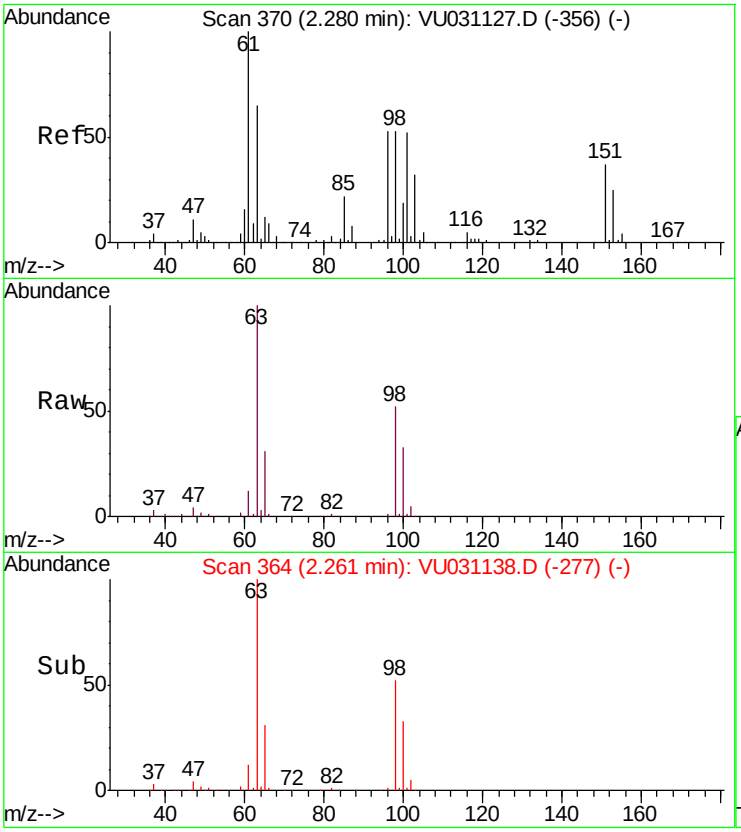
Quant Time: Apr 13 01:06:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration



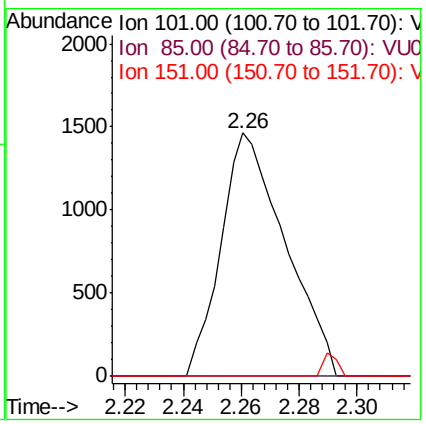


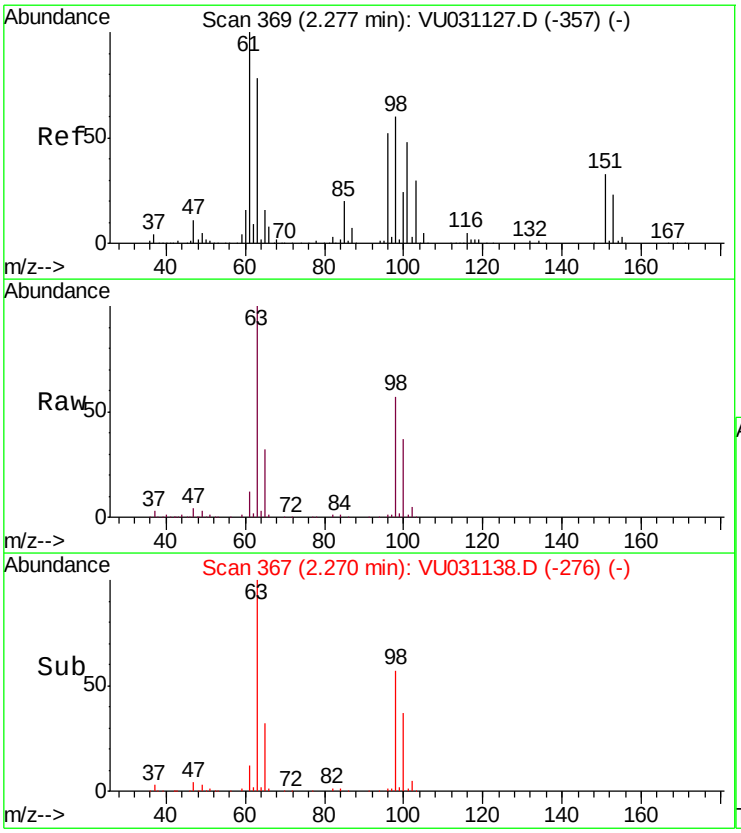
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.617 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.02 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Instrument : MSVOA_U
ClientSampleId : BFC75

Tgt Ion:101 Resp: 2246

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	2.1	57.4	86.0#

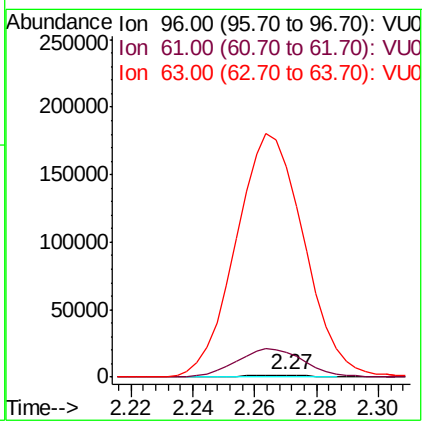


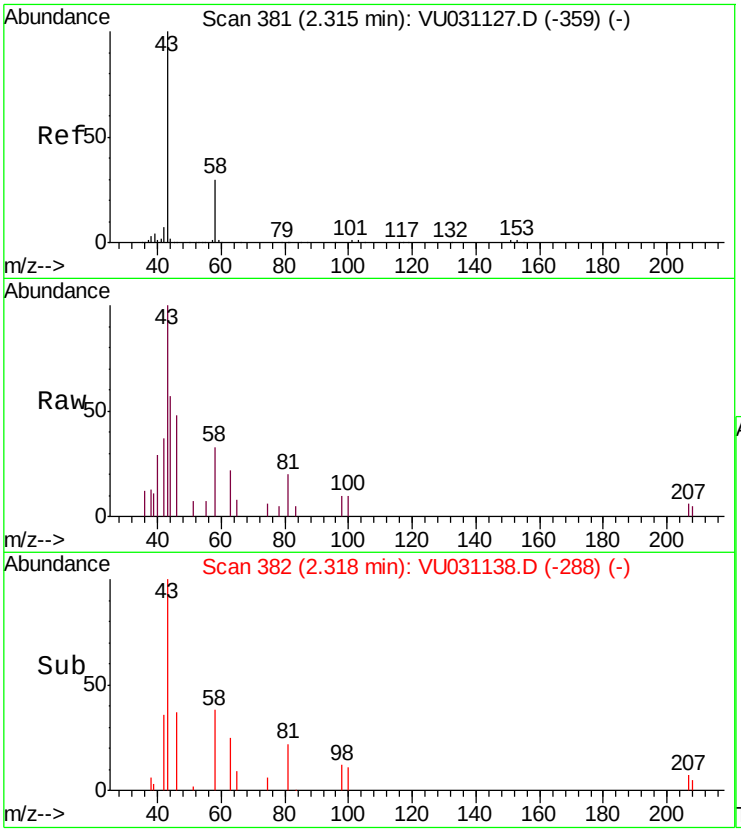


#12
1,1-Dichloroethene
Concen: 0.583 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Tgt Ion: 96 Resp: 2048

Ion	Ratio	Lower	Upper
96	100		
61	1460.0	132.0	245.2#
63	12170.0	90.9	168.9#



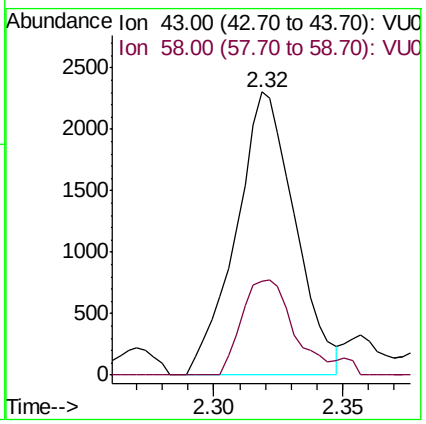


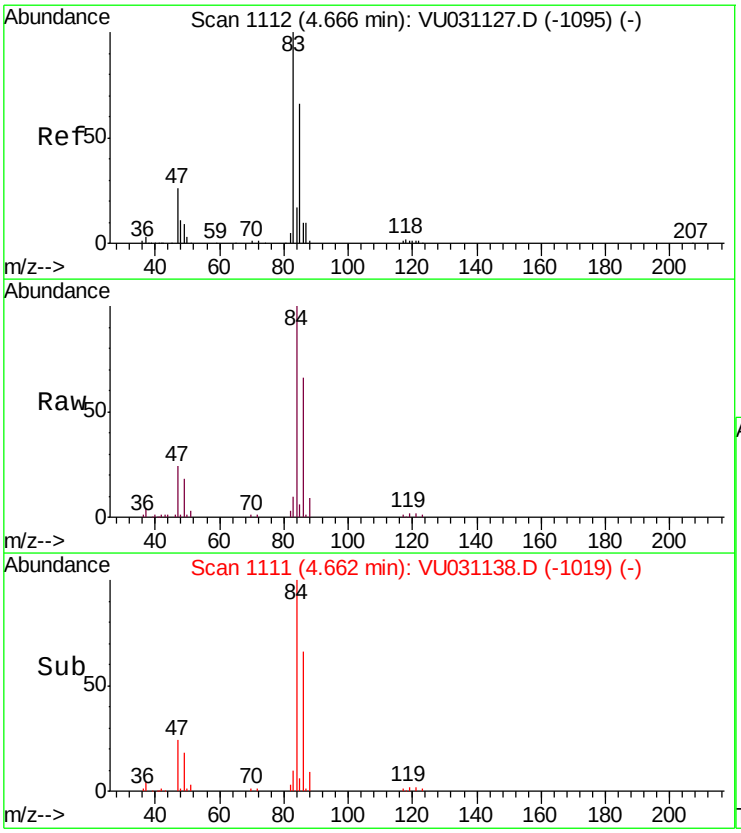
#13
Acetone
Concen: 1.002 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Instrument :
MSVOA_U
ClientSampleId :
BFC75

Tgt Ion: 43 Resp: 3689

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	64.0

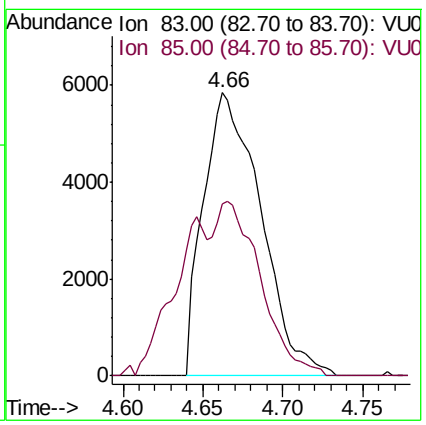


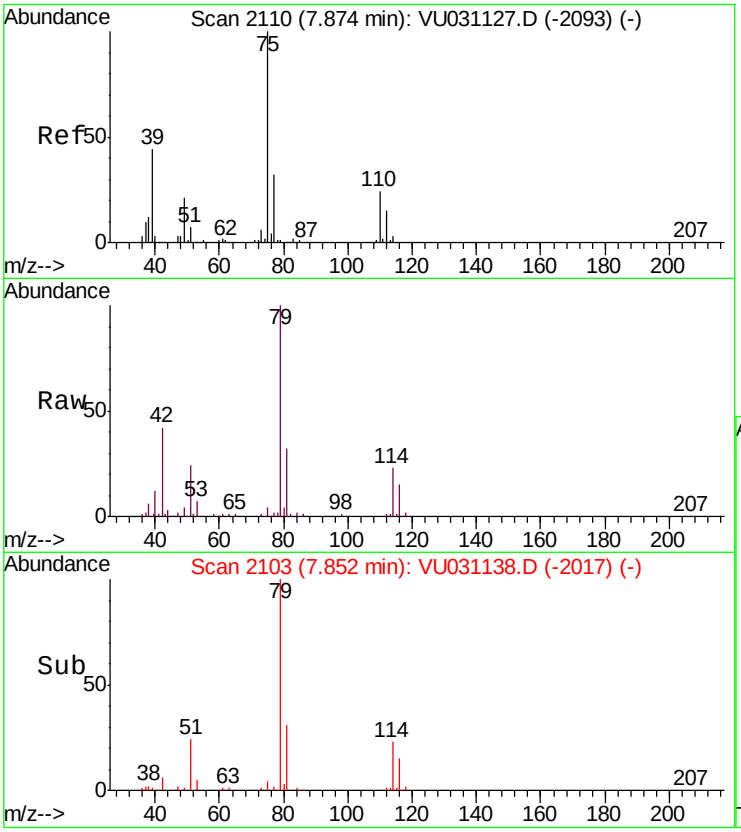


#25
Chloroform
Concen: 1.864 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Tgt Ion: 83 Resp: 14425

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.8	85.0



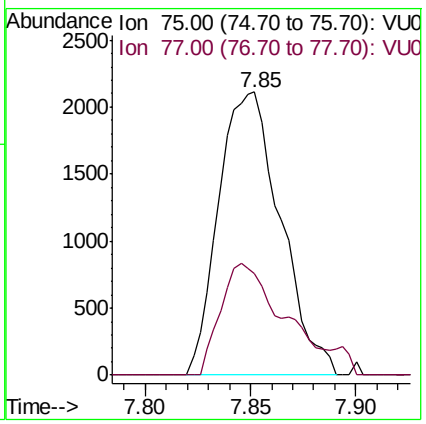


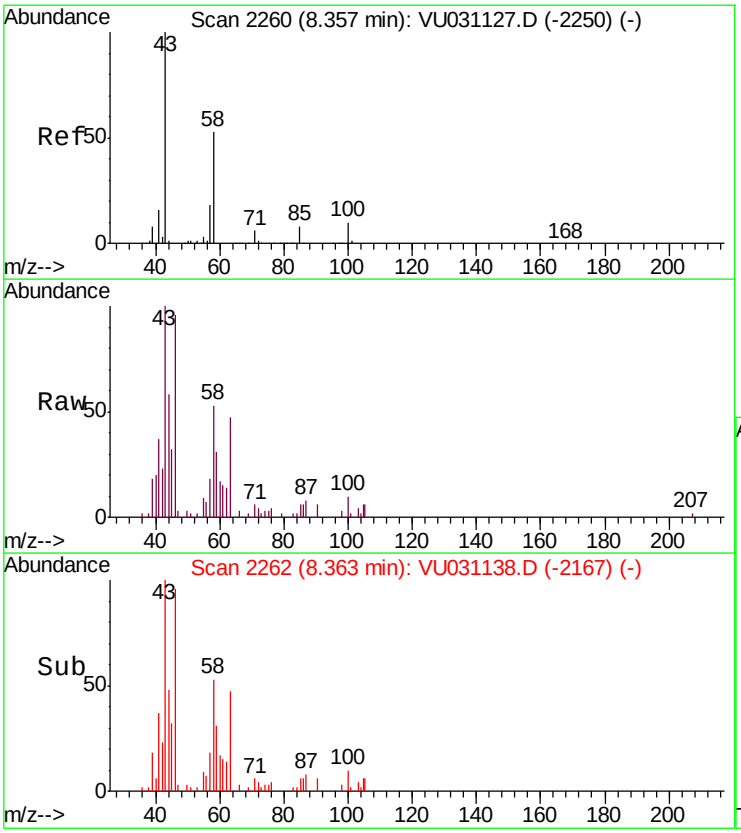
#44
trans-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Instrument :
MSVOA_U
ClientSampleId :
BFC75

Tgt Ion: 75 Resp: 4301

Ion	Ratio	Lower	Upper
75	100		
77	35.8	21.6	40.0

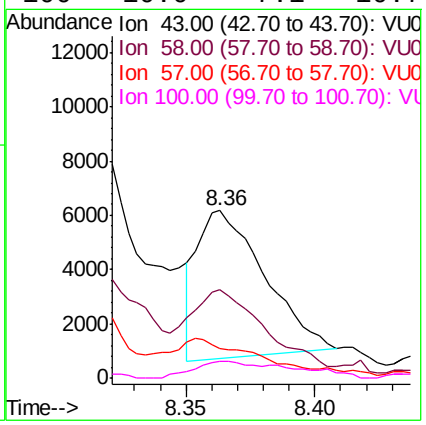


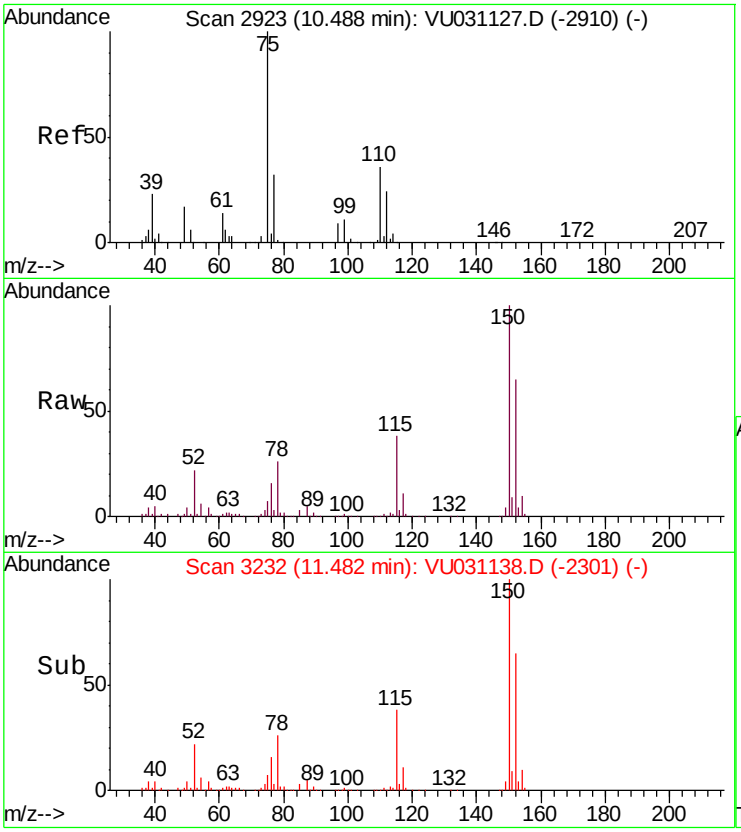


#48
2-Hexanone
Concen: 1.666 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Tgt Ion: 43 Resp: 9842

Ion	Ratio	Lower	Upper
43	100		
58	67.1	41.9	62.9#
57	21.3	14.3	21.5
100	10.0	7.1	10.7





#59
1,2,3-Trichloropropane
Concen: 4.428 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031138.D
Acq: 12 Apr 2019 18:59

Instrument :
MSVOA_U
ClientSampleId :
BFC75

Tgt Ion: 75 Resp: 24970

Ion	Ratio	Lower	Upper
75	100		
77	40.7	26.1	39.1#