Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031242.D
Acq On : 17 Apr 2019 04:48
Operator : JC/SP
Sample : K2410-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ2

Quant Time: Apr 17 06:05:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437320	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181000	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	196986	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.82%			
7) Chloroethane-d5	1.68	69	163514	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.52%			
11) 1,1-Dichloroethene-d2	2.27	63	284463	35.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.30%			
21) 2-Butanone-d5	4.19	46	334735	114.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.12%			
24) Chloroform-d	4.64	84	319734	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.16%			
26) 1,2-Dichloroethane-d4	5.31	65	212880	51.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.88%			
32) Benzene-d6	5.34	84	645481	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.92%			
36) 1,2-Dichloropropane-d6	6.32	67	194423	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.02%			
41) Toluene-d8	7.56	98	567891	47.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.90%			
43) trans-1,3-Dichloropropene-	7.85	79	92946	44.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.04%			
47) 2-Hexanone-d5	8.31	63	190913	92.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.59%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288125	47.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	171696	41.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.72%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2740	0.786	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2340	0.685	ug/L #	1
13) Acetone	2.35	43	1519	0.673	ug/L	47
39) cis-1,3-Dichloropropene	7.23	75	5187	0.913	ug/L	83
44) trans-1,3-Dichloropropene	7.86	75	4141	0.839	ug/L	88
48) 2-Hexanone	8.31	43	23626	5.552	ug/L #	70

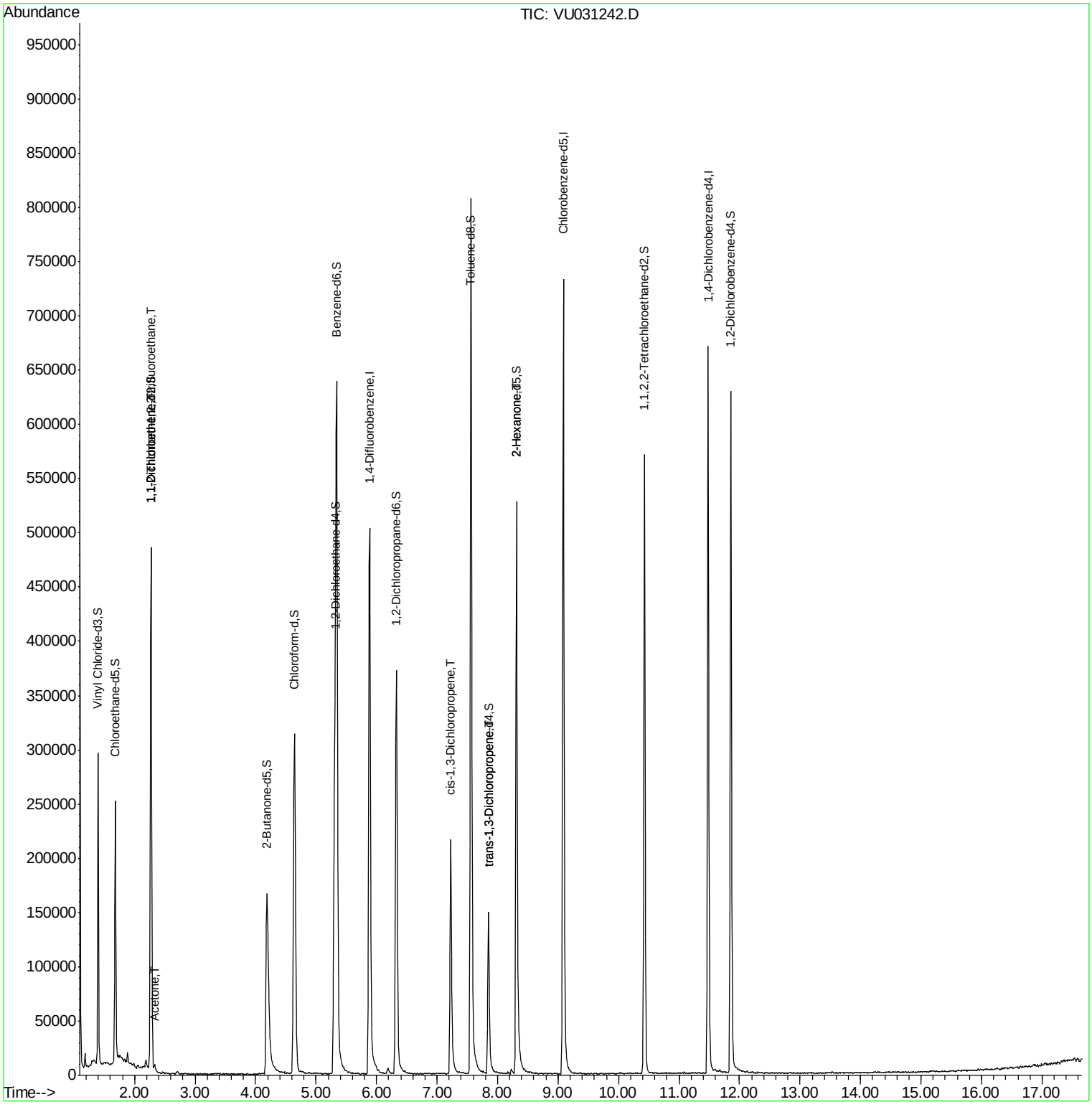
(#) = qualifier out of range (m) = manual integration (+) = signals summed

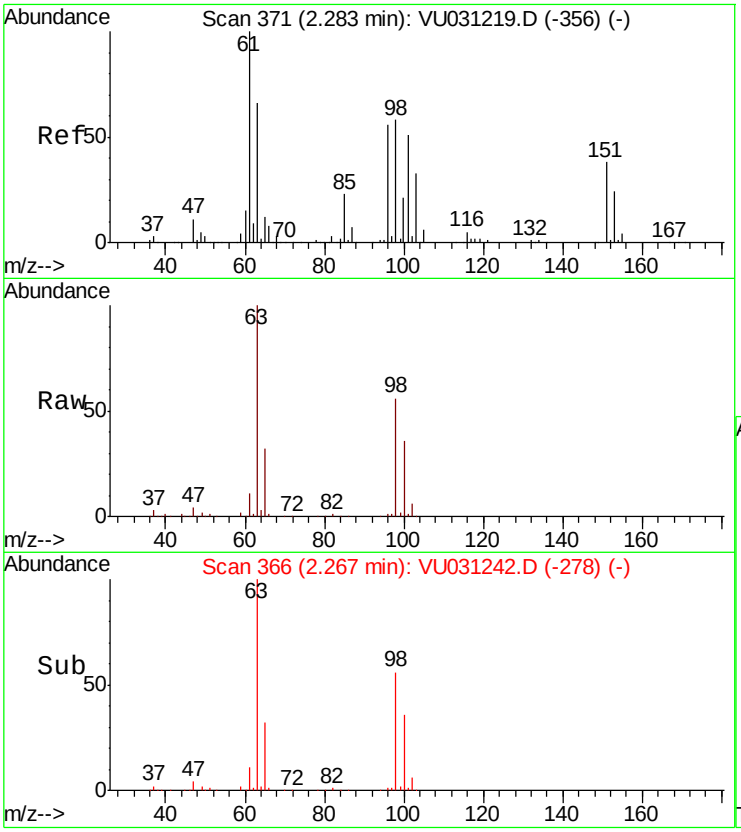
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031242.D
Acq On : 17 Apr 2019 04:48
Operator : JC/SP
Sample : K2410-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0WZ2

Quant Time: Apr 17 06:05:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration



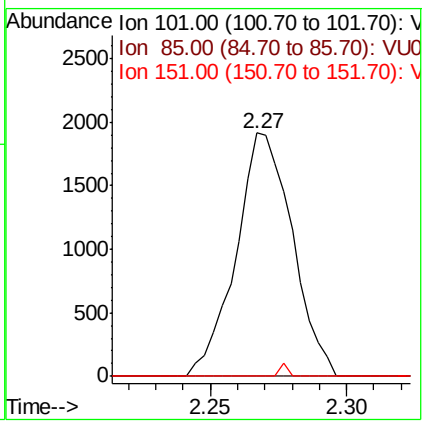


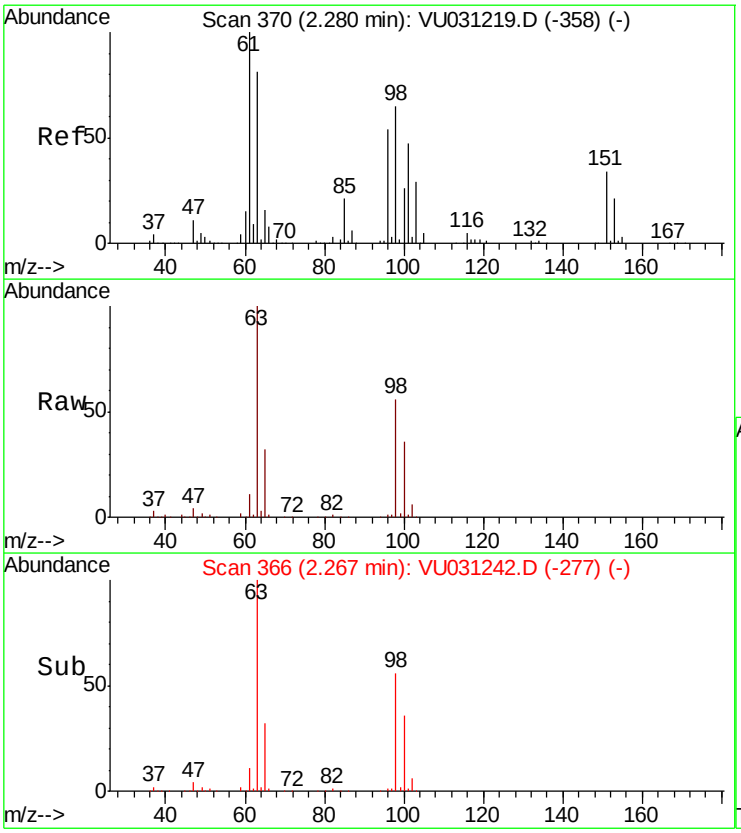
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.786 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Instrument : MSVOA_U
ClientSampleId : C0WZ2

Tgt Ion:101 Resp: 2740

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	59.8	89.8#

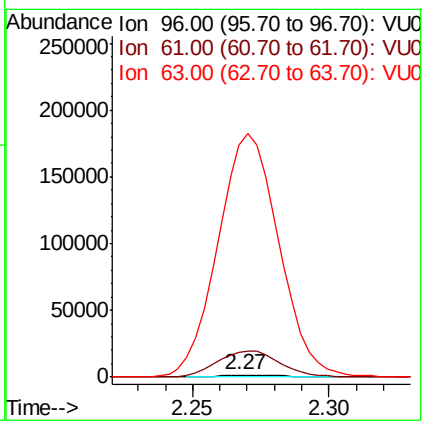


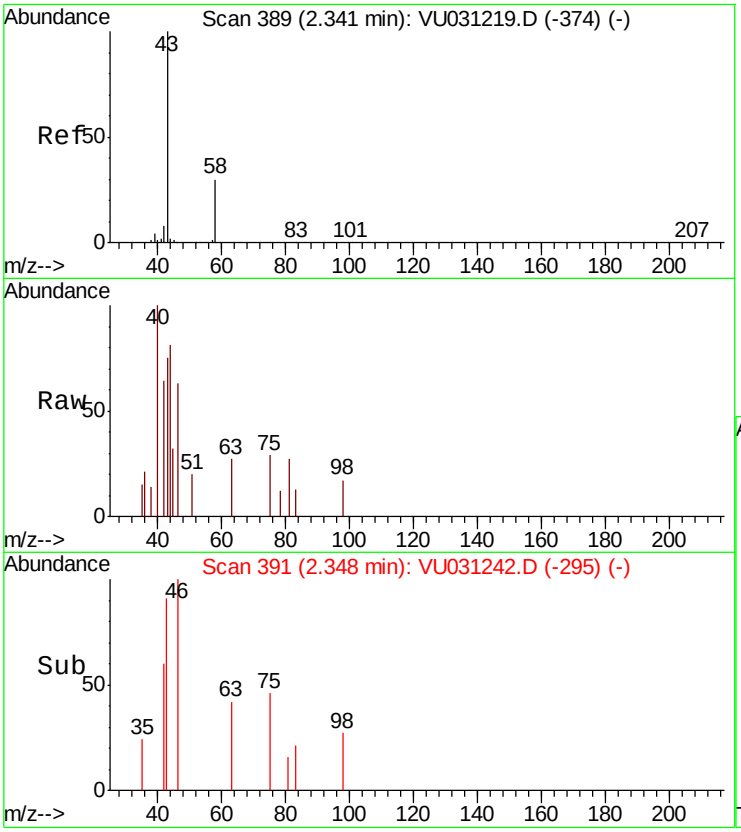


#12
1,1-Dichloroethene
Concen: 0.685 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Tgt Ion: 96 Resp: 2340

Ion	Ratio	Lower	Upper
96	100		
61	1308.5	130.4	242.2#
63	12372.7	108.9	202.3#



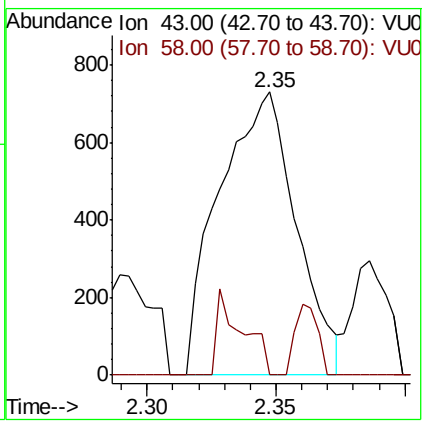


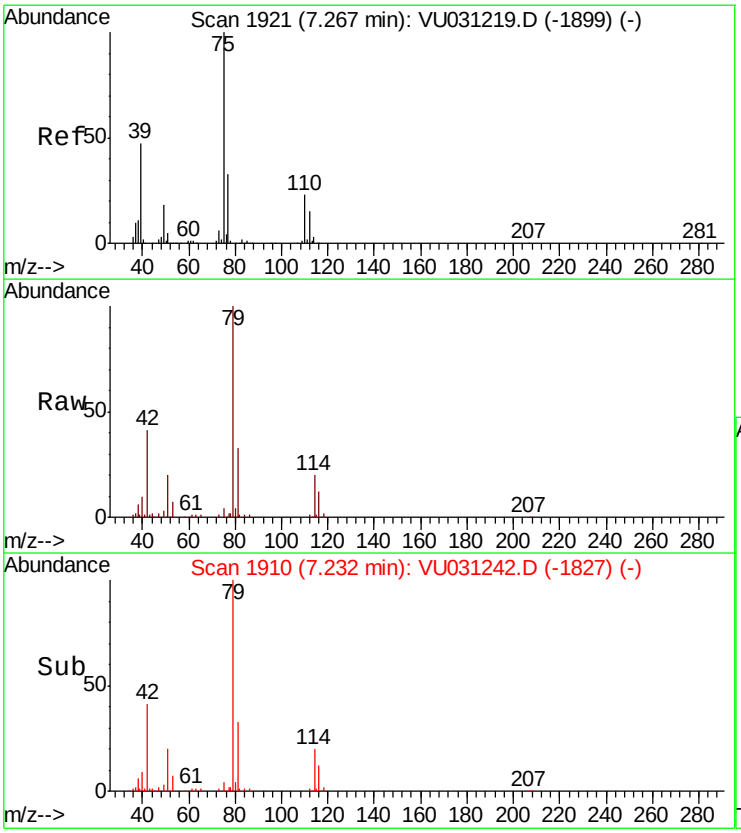
#13
Acetone
Concen: 0.673 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.01 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Instrument :
MSVOA_U
ClientSampleId :
C0WZ2

Tgt Ion: 43 Resp: 1519

Ion	Ratio	Lower	Upper
43	100		
58	2.7	0.0	65.0

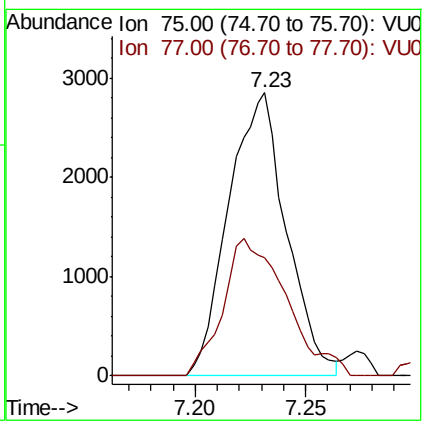


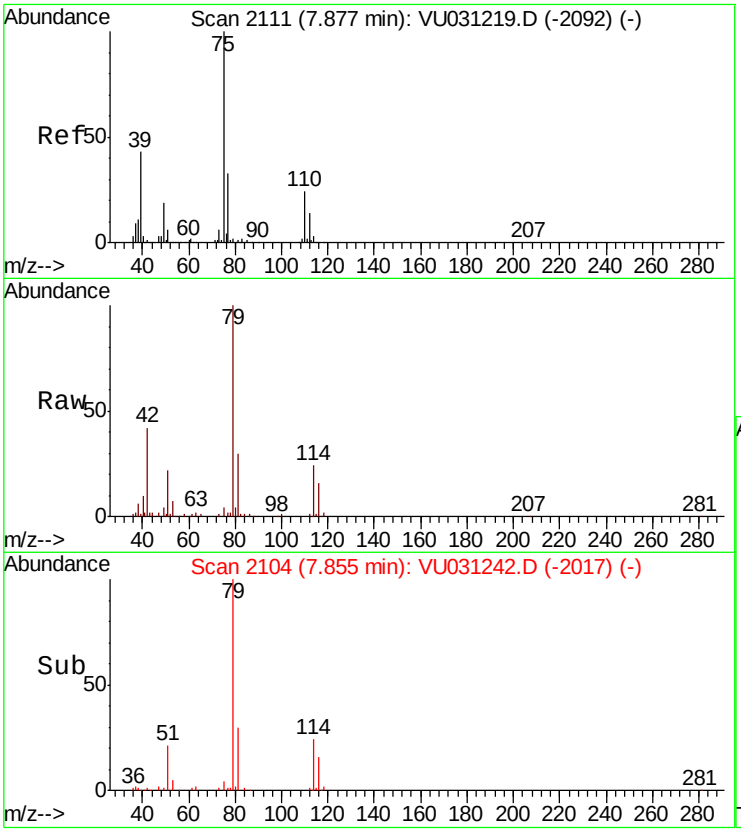


#39
cis-1,3-Dichloropropene
Concen: 0.913 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.03 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Tgt Ion: 75 Resp: 5187

Ion	Ratio	Lower	Upper
75	100		
77	42.0	22.7	42.1



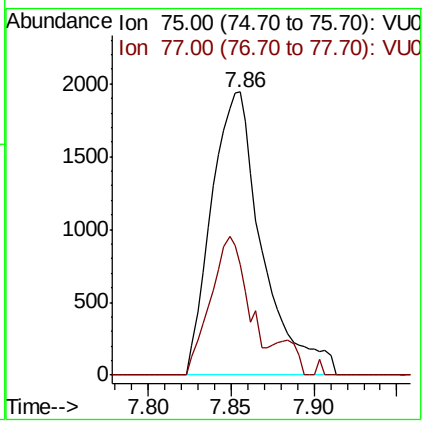


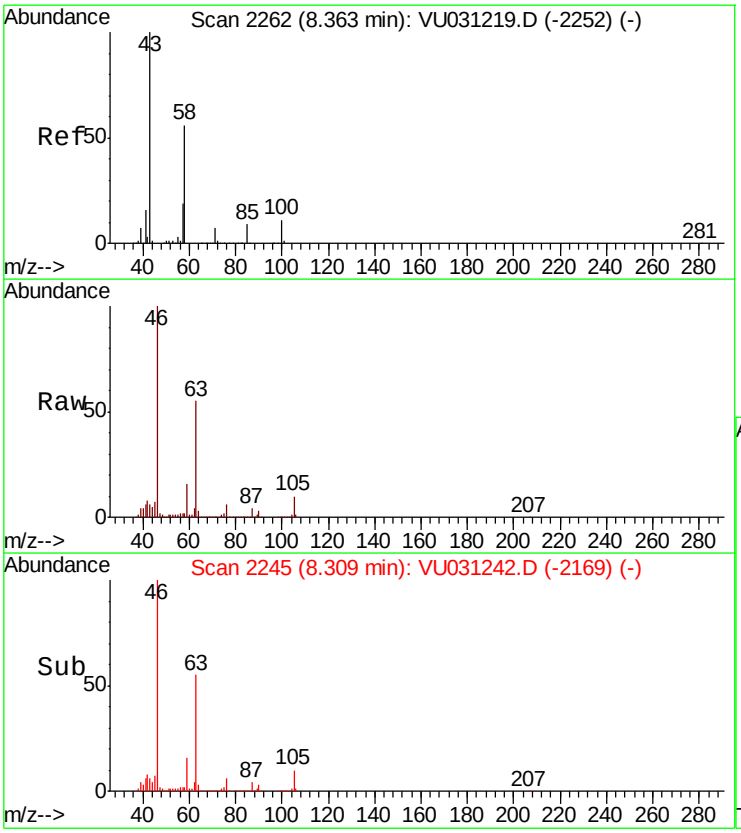
#44
trans-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Instrument :
MSVOA_U
ClientSampleId :
C0WZ2

Tgt Ion: 75 Resp: 4141

Ion	Ratio	Lower	Upper
75	100		
77	39.1	22.8	42.4





#48
2-Hexanone
Concen: 5.552 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031242.D
Acq: 17 Apr 2019 04:48

Tgt Ion: 43 Resp: 23626

Ion	Ratio	Lower	Upper
43	100		
58	32.0	44.9	67.3#
57	29.8	15.1	22.7#
100	1.2	8.6	13.0#