Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\

Quantitation Report (Not Reviewed)

Data File : VU030086.D
Acq On : 14 Mar 2019 20:01
Operator : JC/SP
Sample : K1859-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ9

Quant Time: Mar 15 02:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	431079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209356	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144710	48.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.50%			
7) Chloroethane-d5	1.68	69	118501	49.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.90%			
11) 1,1-Dichloroethene-d2	2.27	63	194703	36.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.68%			
21) 2-Butanone-d5	4.17	46	201912	90.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.78%			
24) Chloroform-d	4.65	84	250356	47.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.02%			
26) 1,2-Dichloroethane-d4	5.31	65	150281	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.70%			
32) Benzene-d6	5.34	84	540000	48.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.32%			
36) 1,2-Dichloropropane-d6	6.33	67	170066	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.16%			
41) Toluene-d8	7.56	98	488755	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
43) trans-1,3-Dichloropropene-	7.85	79	73840	44.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.76%			
47) 2-Hexanone-d5	8.31	63	170564	89.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	239067	45.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	195646	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.48%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2203	0.747	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1747	0.621	ug/L #	1
13) Acetone	2.32	43	7748	2.979	ug/L	95
39) cis-1,3-Dichloropropene	7.23	75	4440	0.879	ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	2625	0.569	ug/L	90
48) 2-Hexanone	8.37	43	4719	1.263	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	21638	5.121	ug/L	98

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

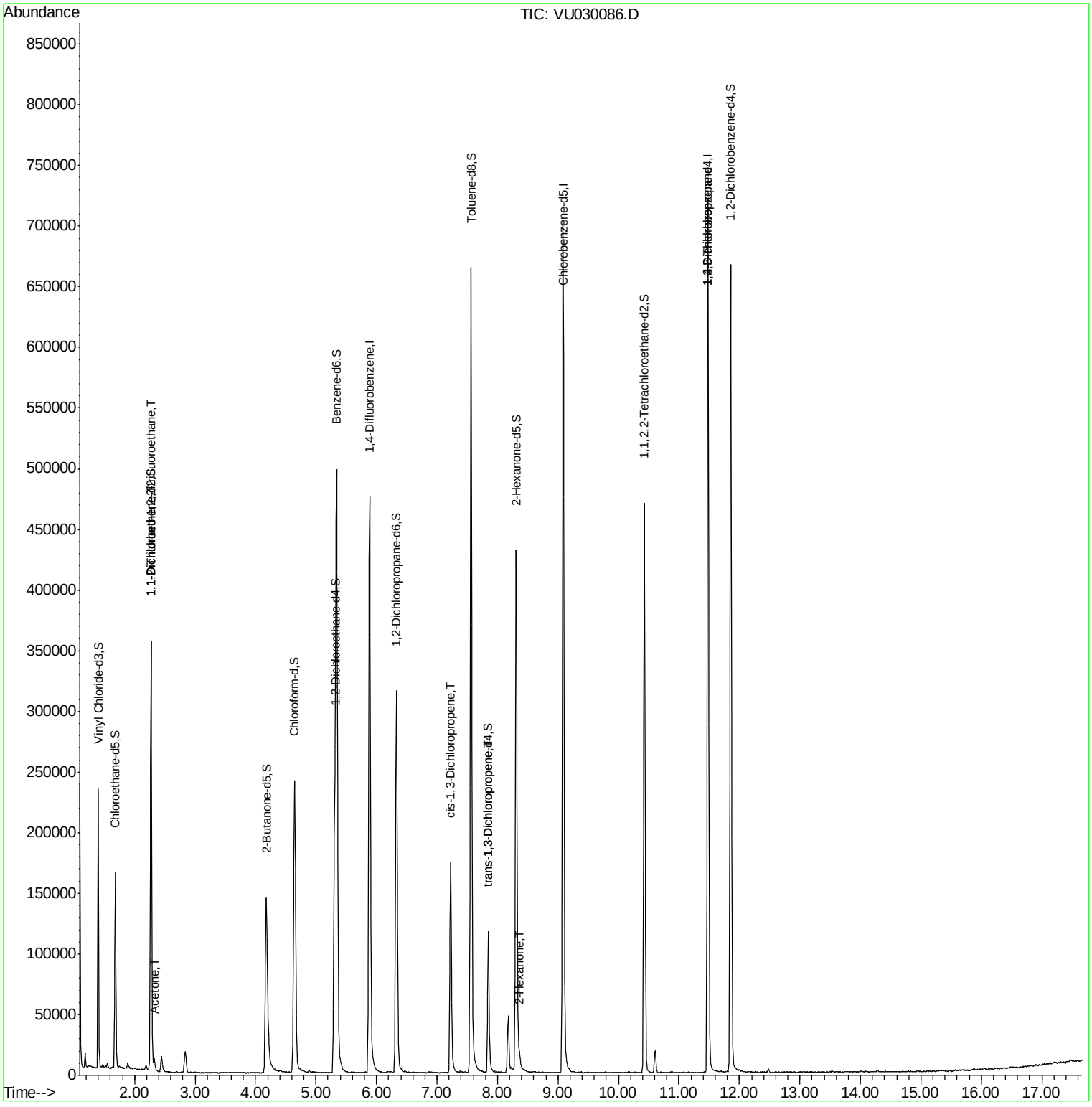
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\

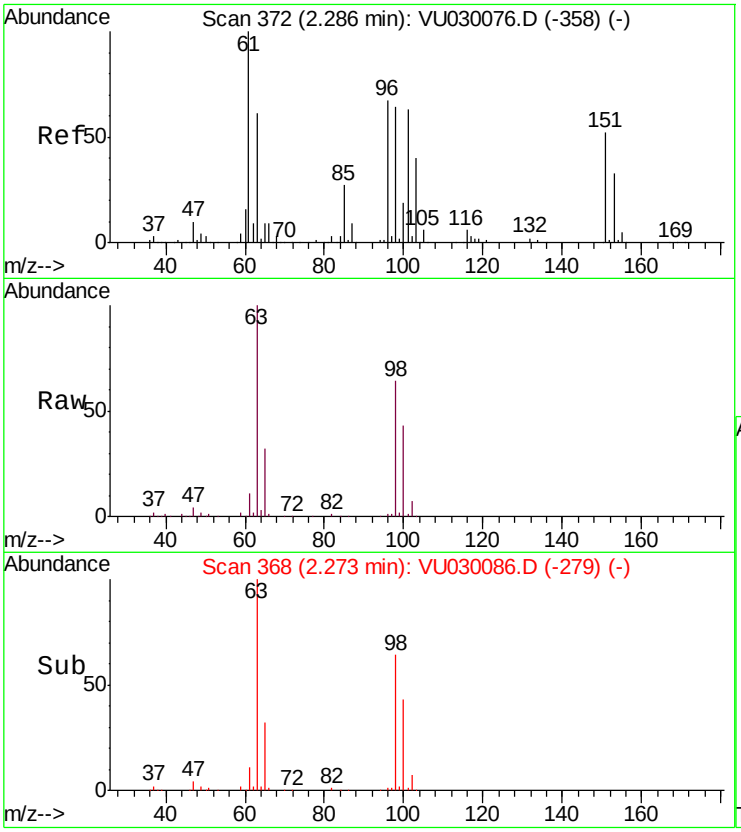
Quantitation Report (Not Reviewed)

Data File : VU030086.D
Acq On : 14 Mar 2019 20:01
Operator : JC/SP
Sample : K1859-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BQ9

Quant Time: Mar 15 02:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration



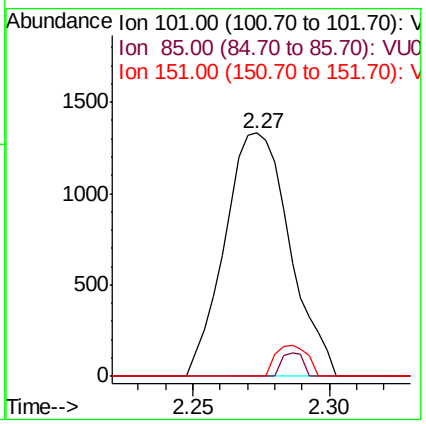


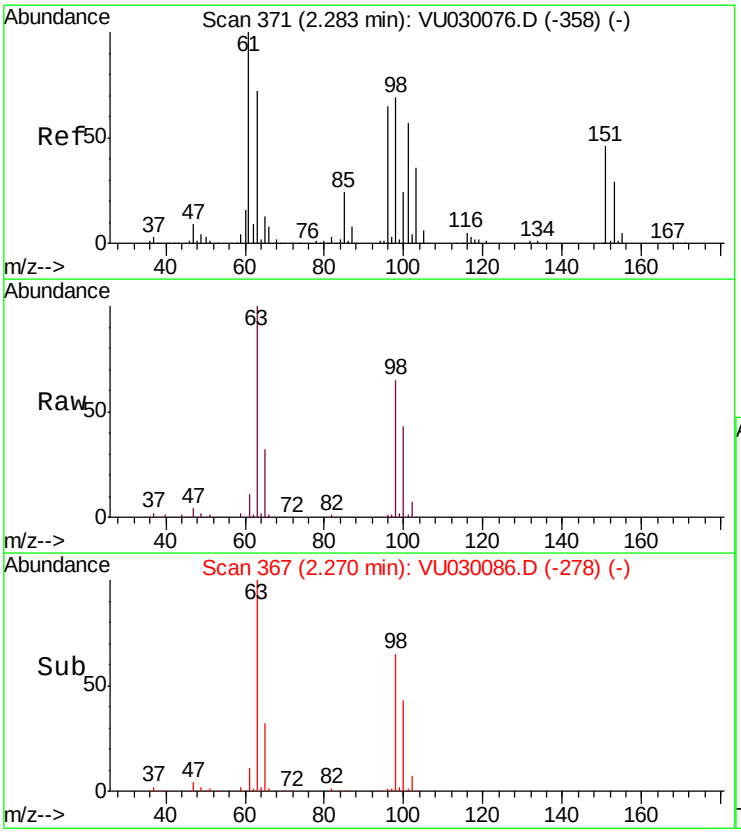
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.747 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Instrument :
MSVOA_U
ClientSampleId :
C0BQ9

Tgt Ion:101 Resp: 2203

Ion	Ratio	Lower	Upper
101	100		
85	3.1	33.0	49.4#
151	6.2	66.1	99.1#

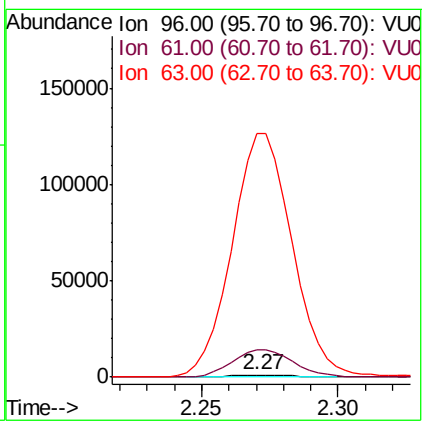


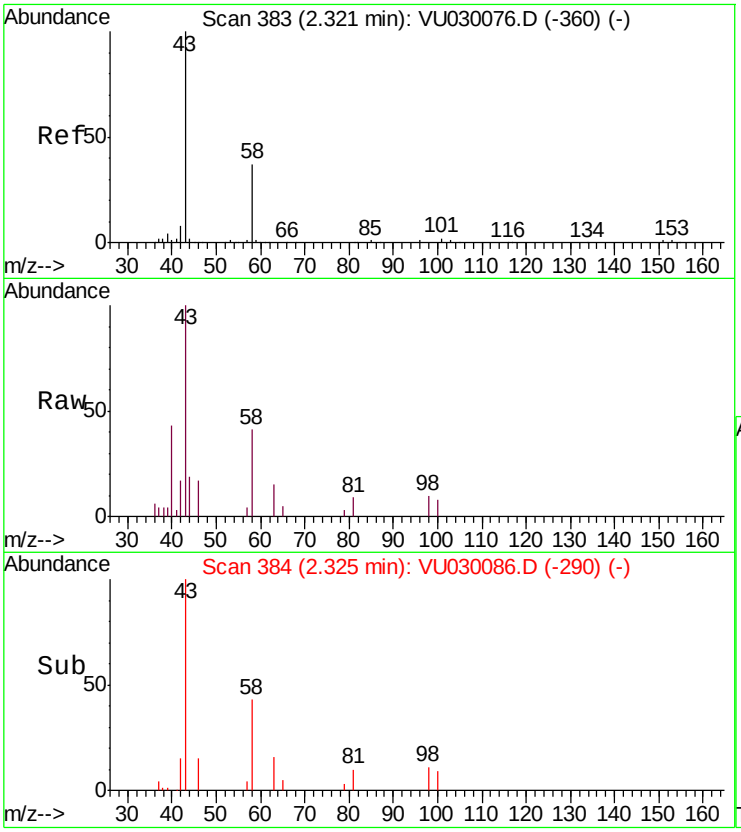


#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Tgt Ion: 96 Resp: 1747

Ion	Ratio	Lower	Upper
96	100		
61	1186.5	110.4	205.0#
63	10625.1	86.5	160.7#



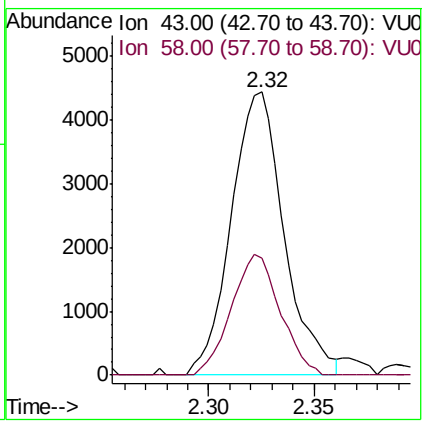


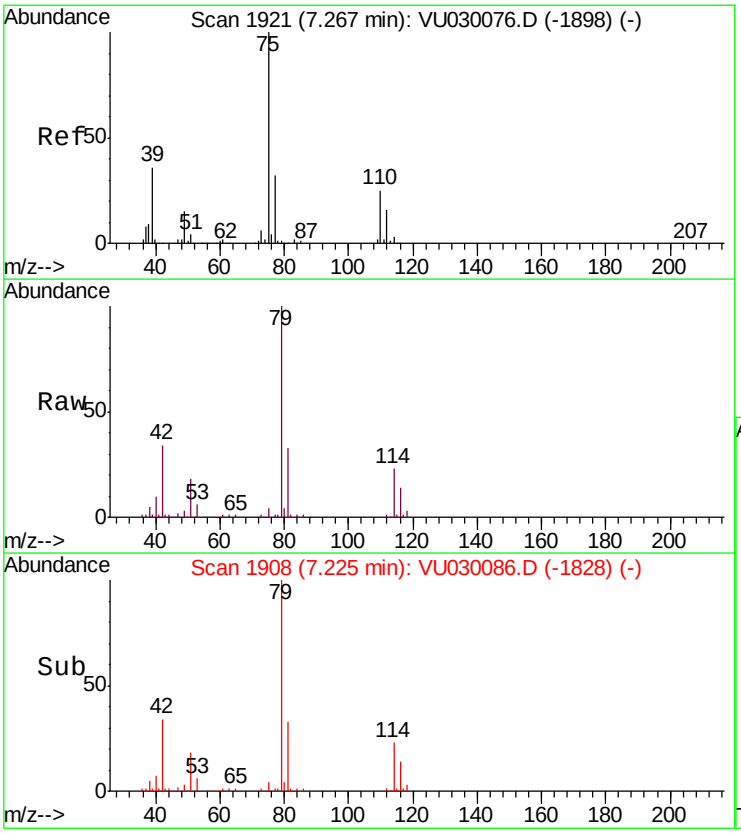
#13
Acetone
Concen: 2.979 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Instrument :
MSVOA_U
ClientSampleId :
C0BQ9

Tgt Ion: 43 Resp: 7748

Ion	Ratio	Lower	Upper
43	100		
58	39.2	0.0	73.0

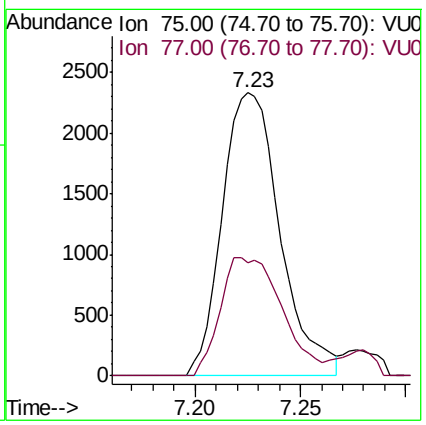


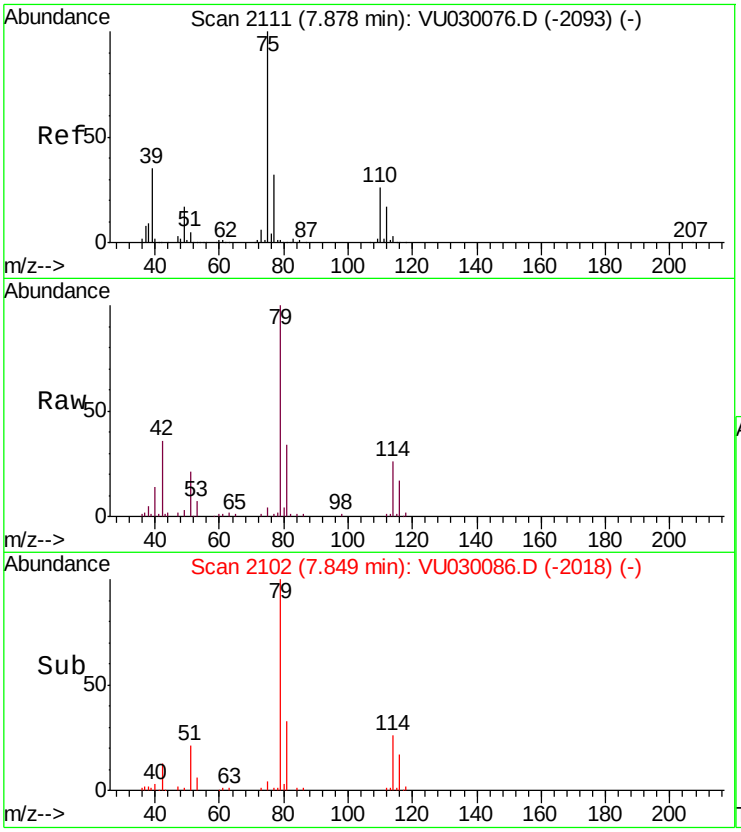


#39
cis-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Tgt Ion: 75 Resp: 4440

Ion	Ratio	Lower	Upper
75	100		
77	40.2	22.2	41.2



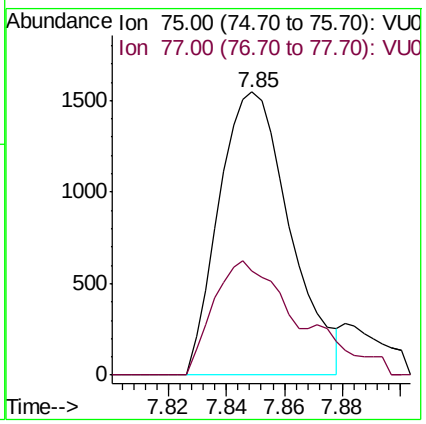


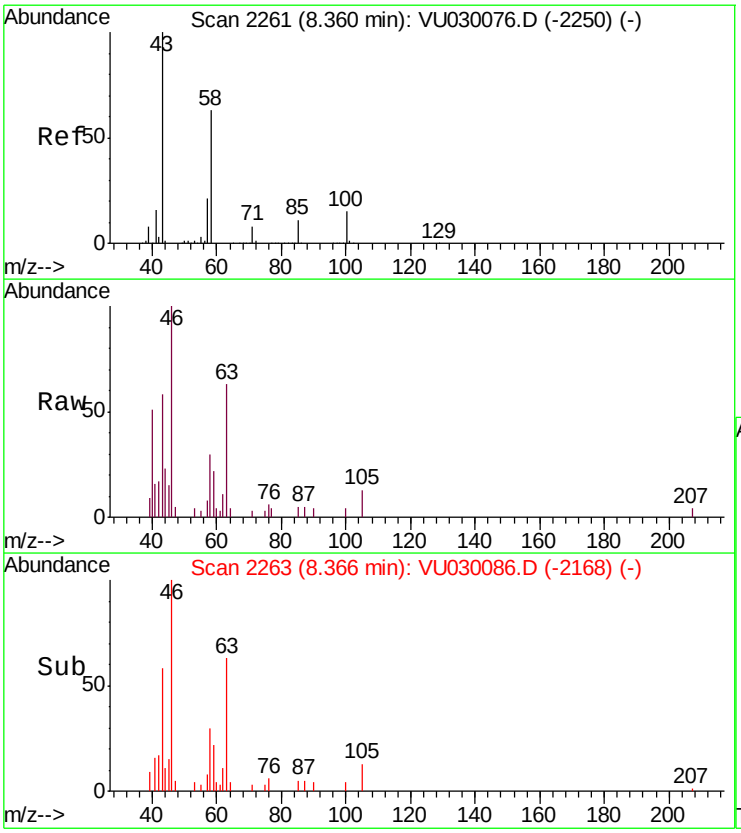
#44
trans-1,3-Dichloropropene
Concen: 0.569 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Instrument :
MSVOA_U
ClientSampleId :
C0BQ9

Tgt Ion: 75 Resp: 2625

Ion	Ratio	Lower	Upper
75	100		
77	37.0	21.9	40.7

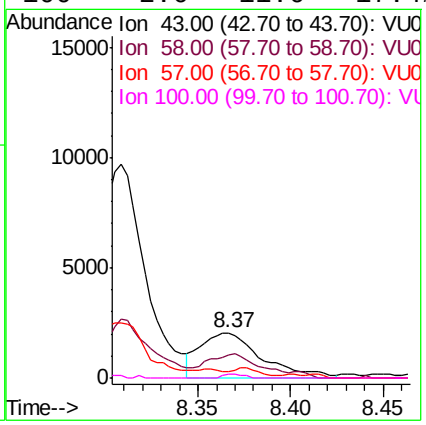


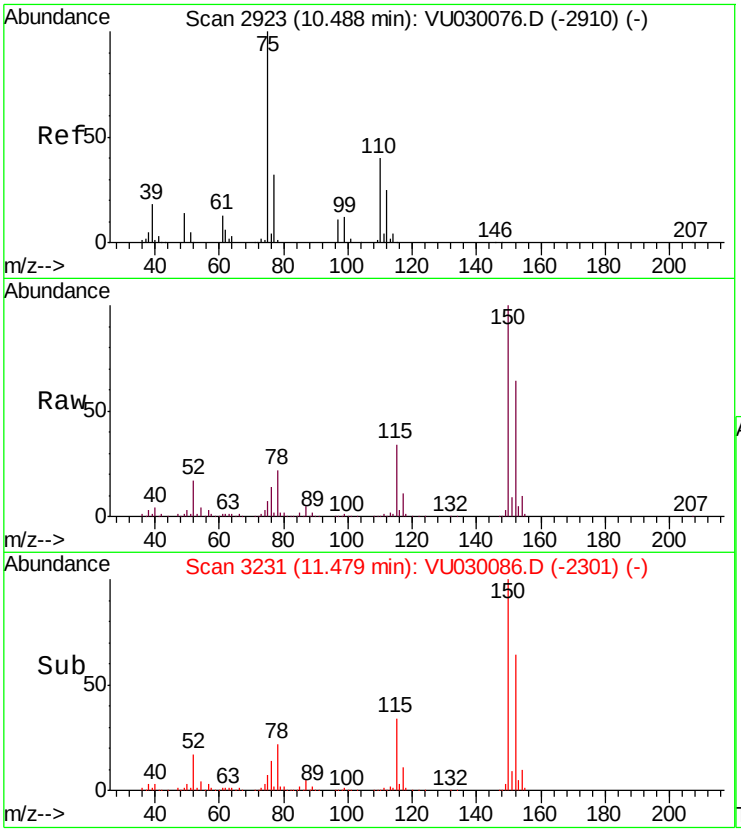


#48
2-Hexanone
Concen: 1.263 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Tgt Ion: 43 Resp: 4719

Ion	Ratio	Lower	Upper
43	100		
58	32.8	48.6	72.8#
57	6.0	16.1	24.1#
100	2.6	11.6	17.4#





#59
1,2,3-Trichloropropane
Concen: 5.121 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030086.D
Acq: 14 Mar 2019 20:01

Instrument :
MSVOA_U
ClientSampleId :
C0BQ9

Tgt Ion: 75 Resp: 21638

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.8