Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

Quantitation Report (Not Reviewed)

Data File : VU033000.D
Acq On : 24 Jun 2019 12:27
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Jun 25 05:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93542	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55014	41.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.68%			
7) Chloroethane-d5	1.68	69	49381	46.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.06%			
11) 1,1-Dichloroethene-d2	2.27	63	91477	34.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.24%			
21) 2-Butanone-d5	4.17	46	119827	108.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.18%			
24) Chloroform-d	4.64	84	131429	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.30	65	94523	54.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.70%			
32) Benzene-d6	5.33	84	248947	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.32	67	82588	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.34%			
41) Toluene-d8	7.56	98	227937	48.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.96%			
43) trans-1,3-Dichloropropene-	7.84	79	40955	49.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.48%			
47) 2-Hexanone-d5	8.31	63	71936	97.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.32%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121965	49.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	93960	51.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.82%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	801	0.616	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	686	0.559	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	2949	1.257	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	2140	0.971	ug/L	98
48) 2-Hexanone	8.36	43	2176	1.026	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	11758	5.849	ug/L #	88

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

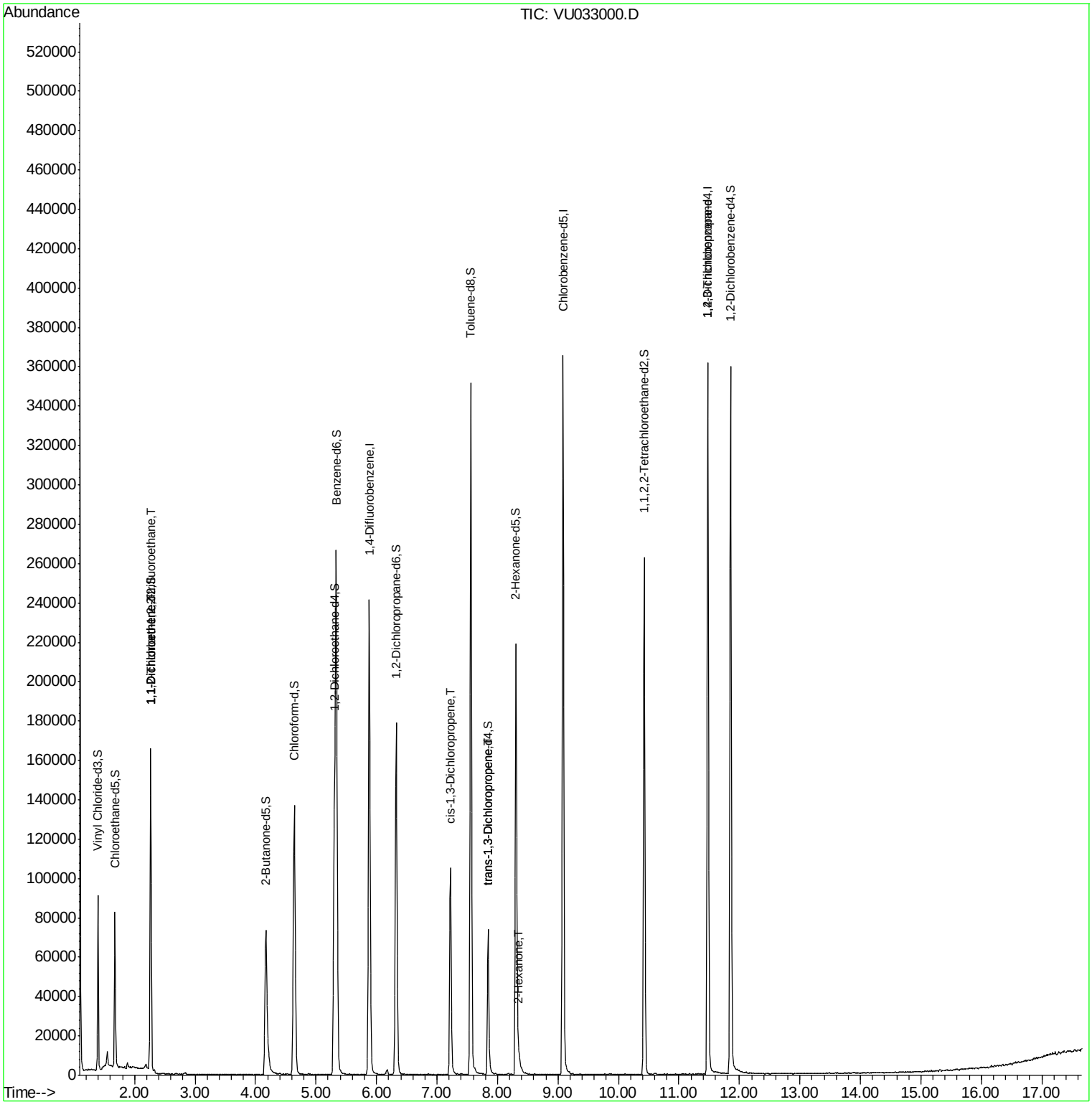
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

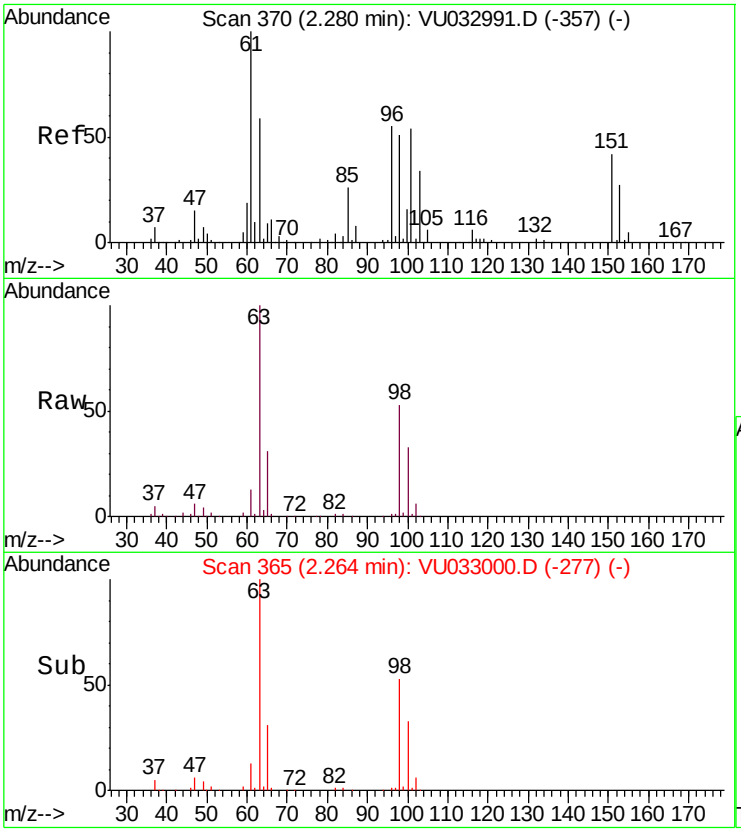
Quantitation Report (Not Reviewed)

Data File : VU033000.D
Acq On : 24 Jun 2019 12:27
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jun 25 05:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration



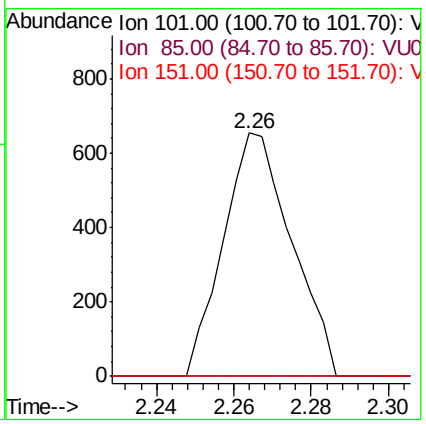


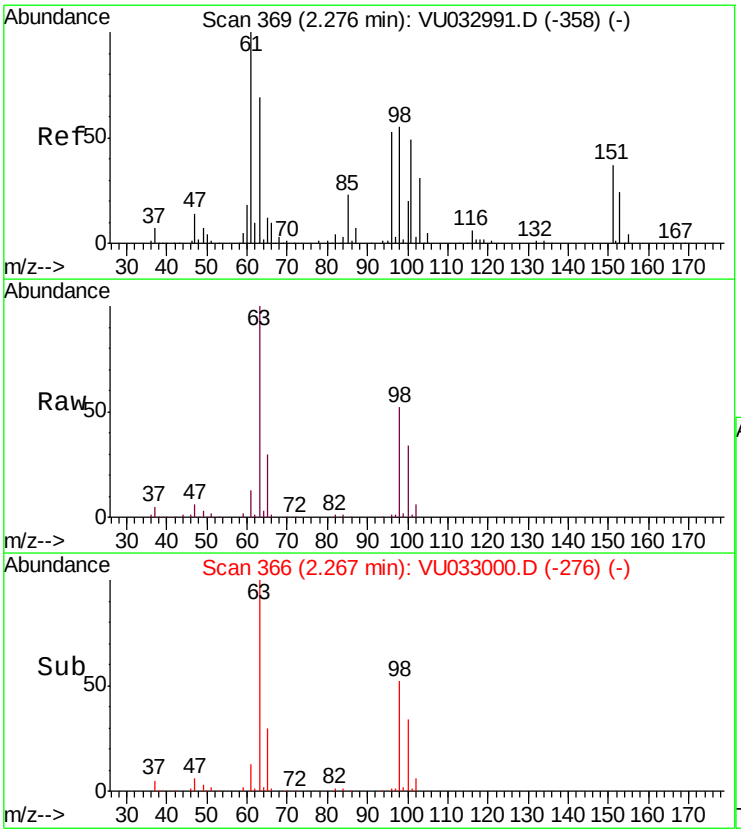
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.616 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:101 Resp: 801

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#

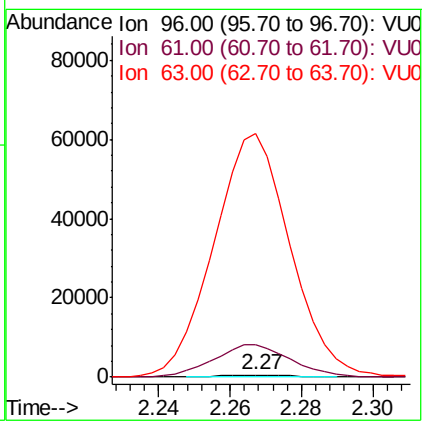


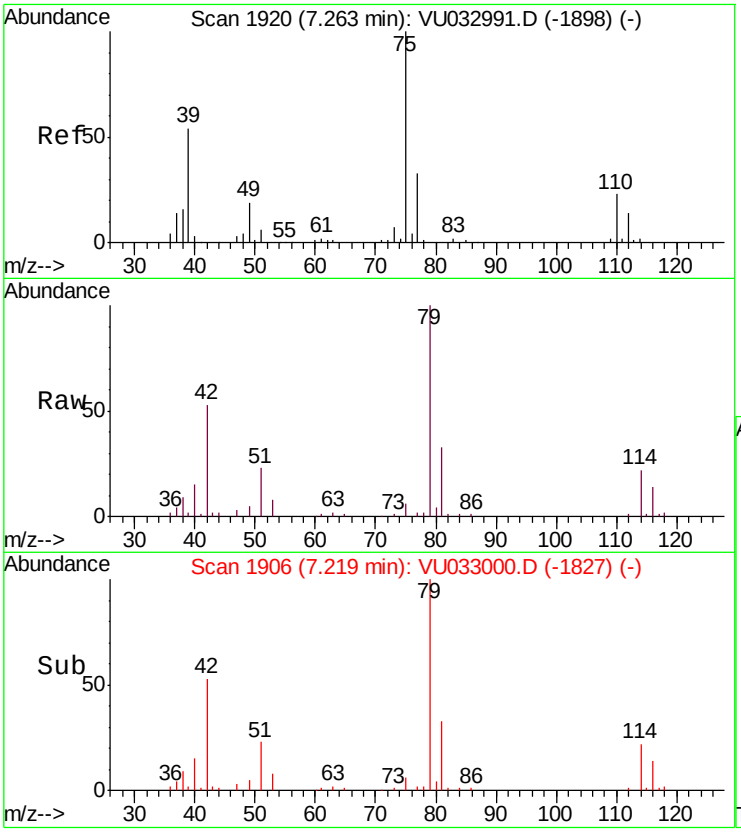


#12
1,1-Dichloroethene
Concen: 0.559 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Tgt Ion: 96 Resp: 686

Ion	Ratio	Lower	Upper
96	100		
61	1856.9	131.0	243.4#
63	13942.9	101.0	187.6#



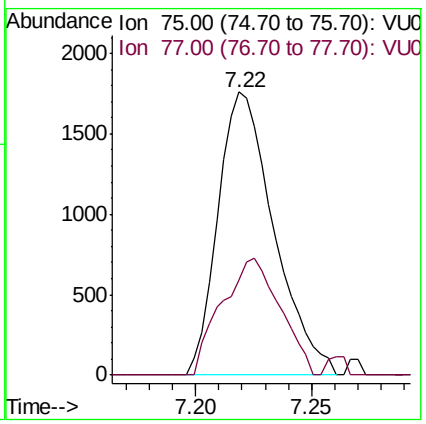


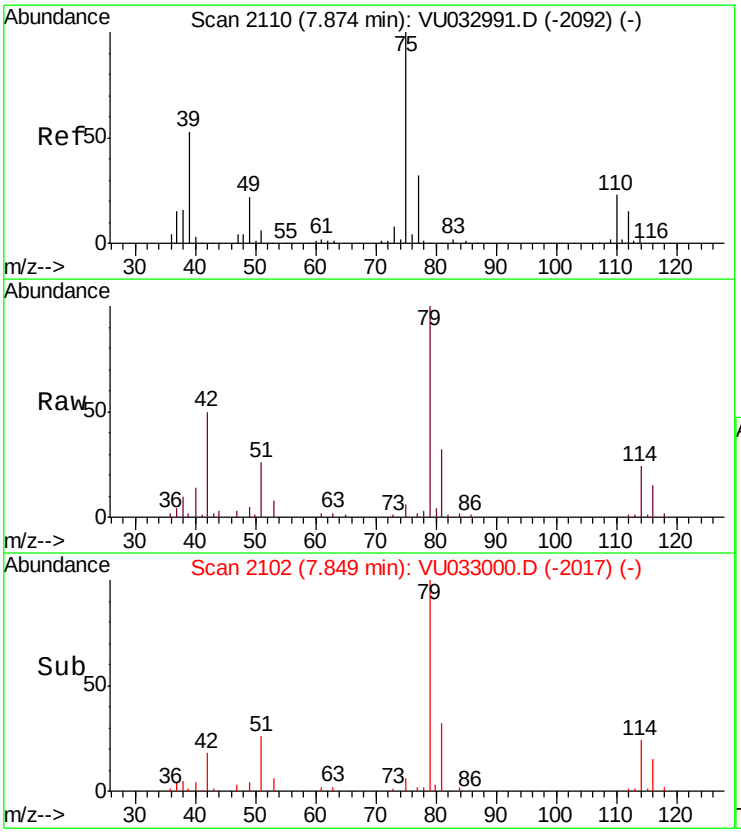
#39
cis-1,3-Dichloropropene
Concen: 1.257 ug/L
RT: 7.22 min Scan# 1906
Delta R.T. -0.04 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 75 Resp: 2949

Ion	Ratio	Lower	Upper
75	100		
77	33.5	21.9	40.7

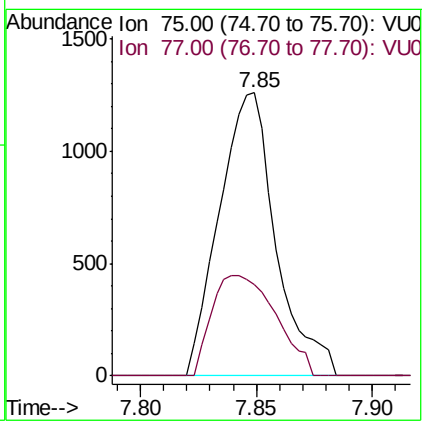


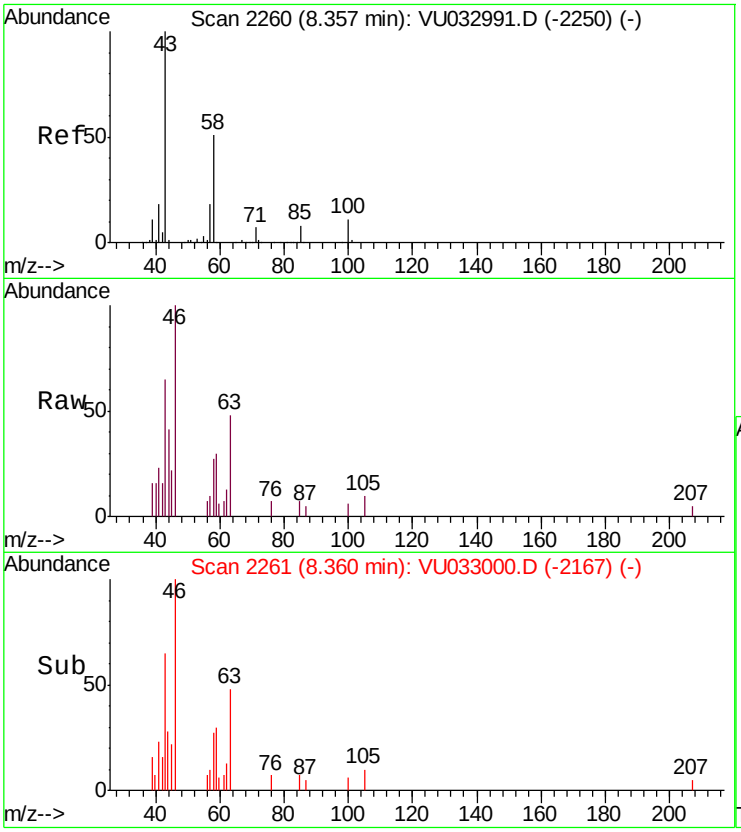


#44
trans-1,3-Dichloropropene
Concen: 0.971 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Tgt Ion: 75 Resp: 2140

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.8	40.4



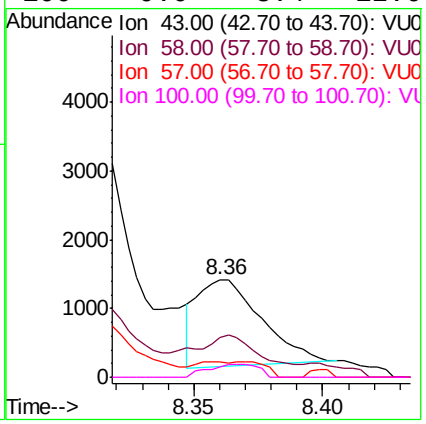


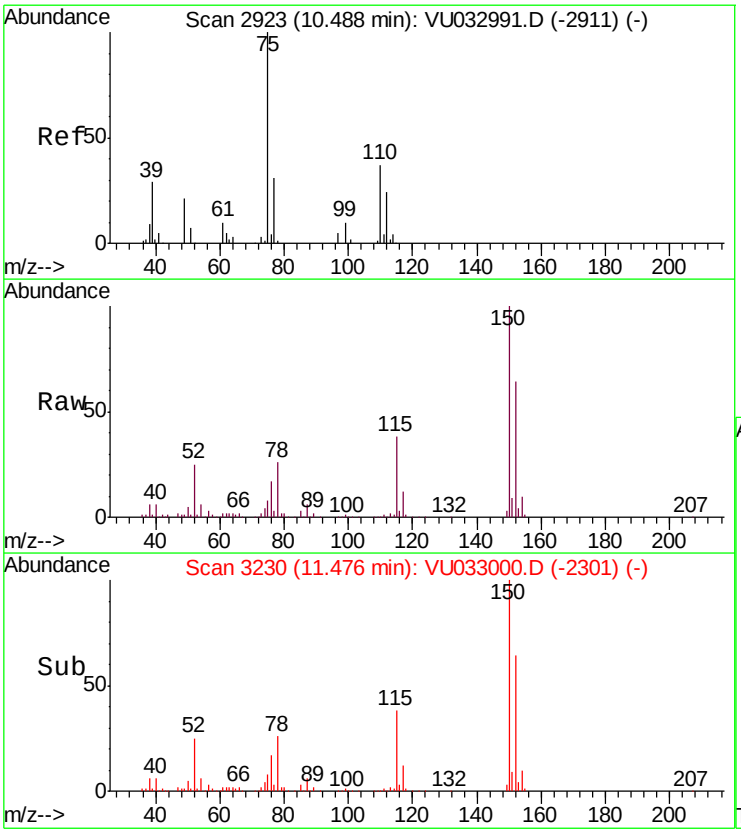
#48
2-Hexanone
Concen: 1.026 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Tgt Ion: 43 Resp: 2176

Ion	Ratio	Lower	Upper
43	100		
58	23.1	40.2	60.2#
57	2.7	14.2	21.4#
100	9.0	8.4	12.6





#59
1,2,3-Trichloropropane
Concen: 5.849 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU033000.D
Acq: 24 Jun 2019 12:27

Tgt Ion: 75 Resp: 11758

Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.5	38.3#