Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

Quantitation Report (Not Reviewed)

Data File : VU032199.D
Acq On : 21 May 2019 14:57
Operator : JC/SP
Sample : K2862-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK0

Quant Time: May 22 02:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	798309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	791887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323008	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	256504	49.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.52%			
7) Chloroethane-d5	1.67	69	223283	49.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.42%			
11) 1,1-Dichloroethene-d2	2.27	63	356585	35.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.92%			
21) 2-Butanone-d5	4.17	46	399560	124.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.36%			
24) Chloroform-d	4.64	84	493115	48.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.12%			
26) 1,2-Dichloroethane-d4	5.30	65	306088	50.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.08%			
32) Benzene-d6	5.33	84	1044753	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.50%			
36) 1,2-Dichloropropane-d6	6.32	67	306646	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.18%			
41) Toluene-d8	7.56	98	960360	49.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.46%			
43) trans-1,3-Dichloropropene-	7.85	79	137148	46.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.52%			
47) 2-Hexanone-d5	8.31	63	312304	115.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.83%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	486157	50.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.12%			
64) 1,2-Dichlorobenzene-d4	11.86	152	356536	52.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.56%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4068	0.756	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3027	0.566	ug/L #	1
13) Acetone	2.32	43	5257	1.607	ug/L	77
39) cis-1,3-Dichloropropene	7.22	75	8525	1.006	ug/L	91
48) 2-Hexanone	8.37	43	15933	3.014	ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	32827	4.396	ug/L	95

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

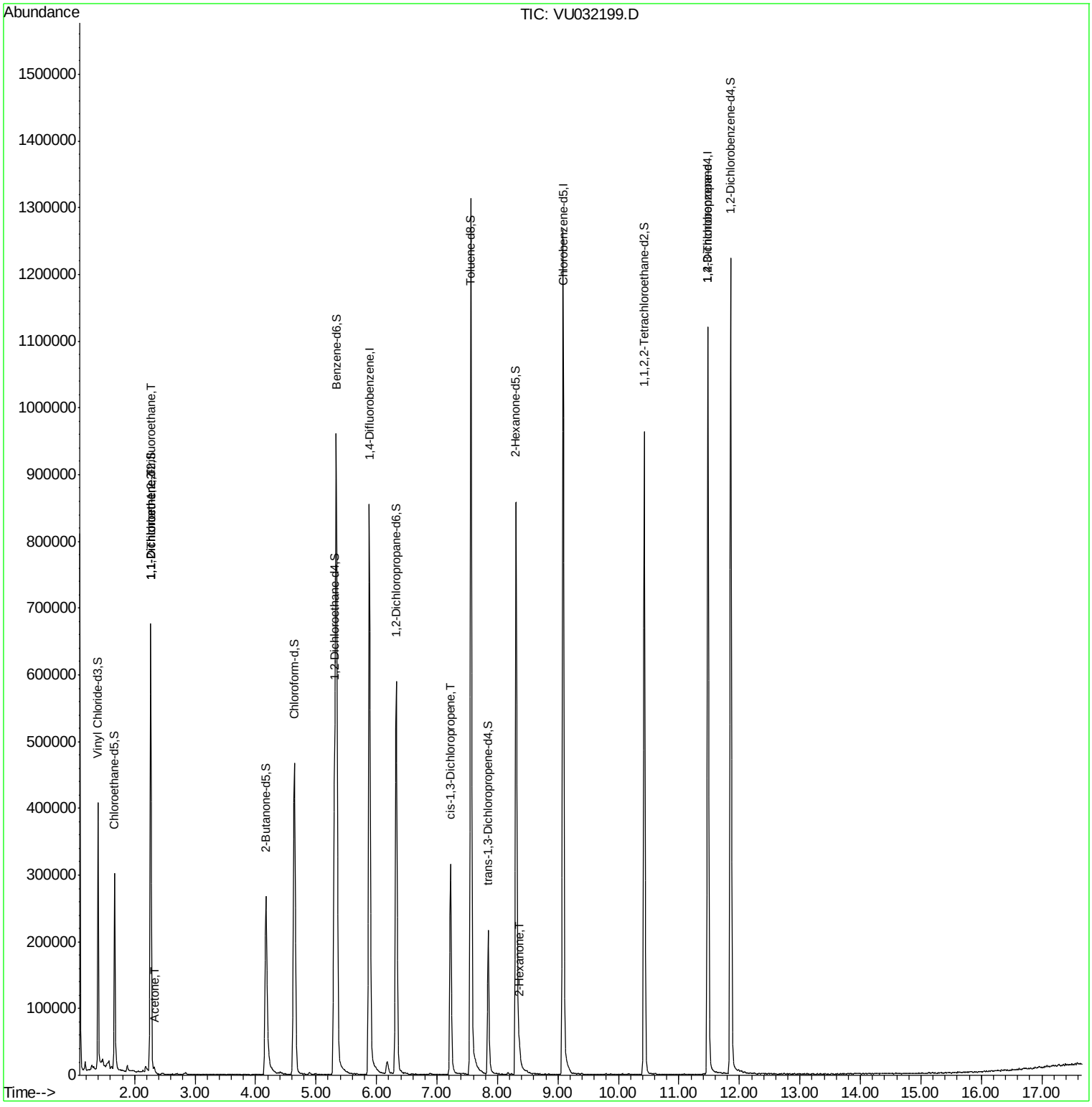
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

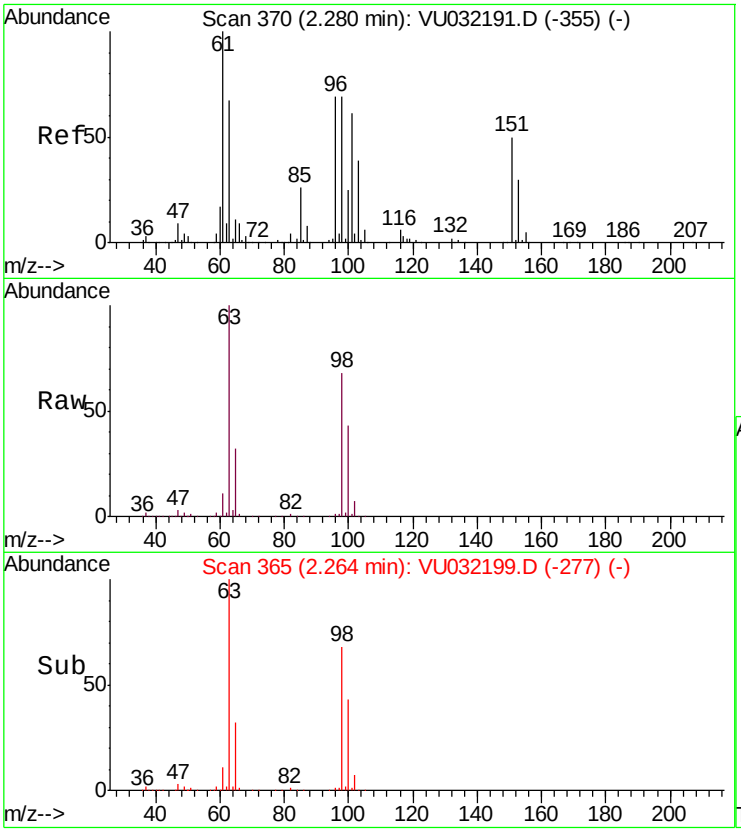
Quantitation Report (Not Reviewed)

Data File : VU032199.D
Acq On : 21 May 2019 14:57
Operator : JC/SP
Sample : K2862-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK0

Quant Time: May 22 02:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration



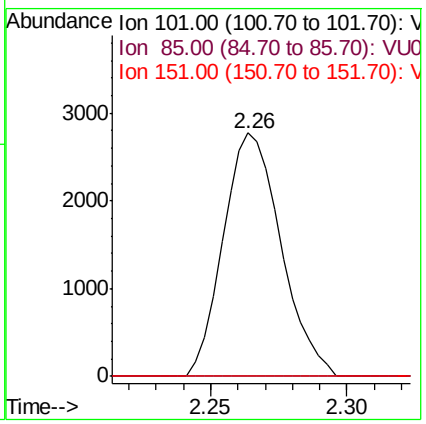


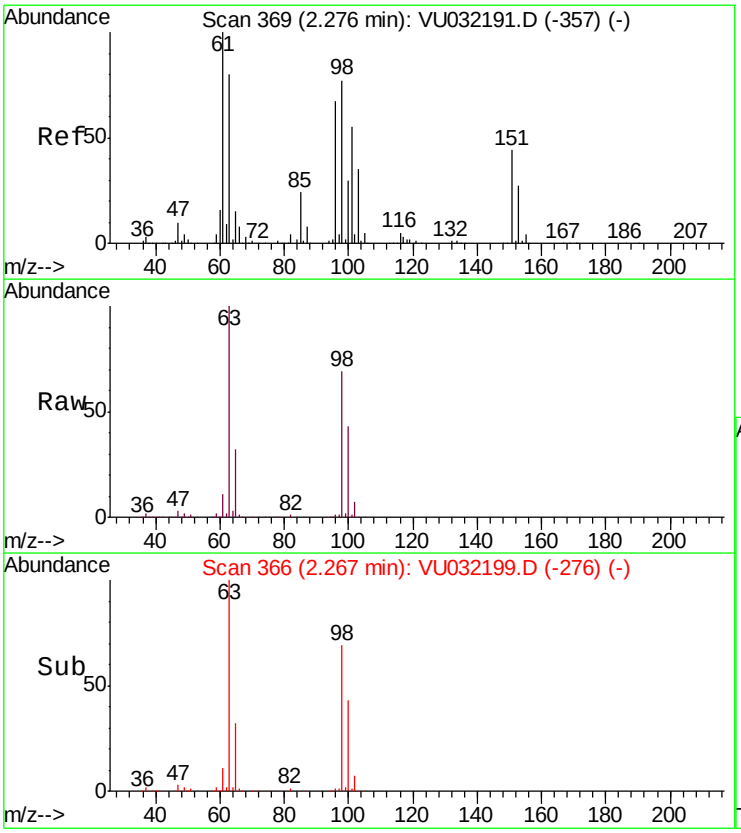
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.756 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
BFHK0

Tgt Ion:101 Resp: 4068

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	63.1	94.7#

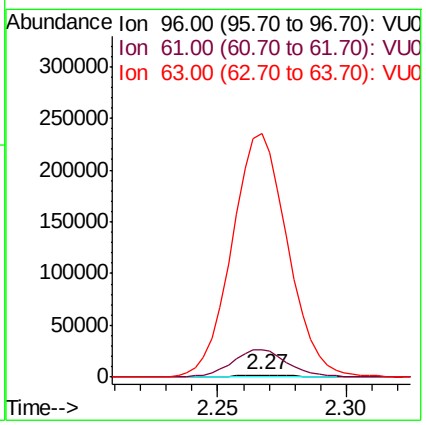


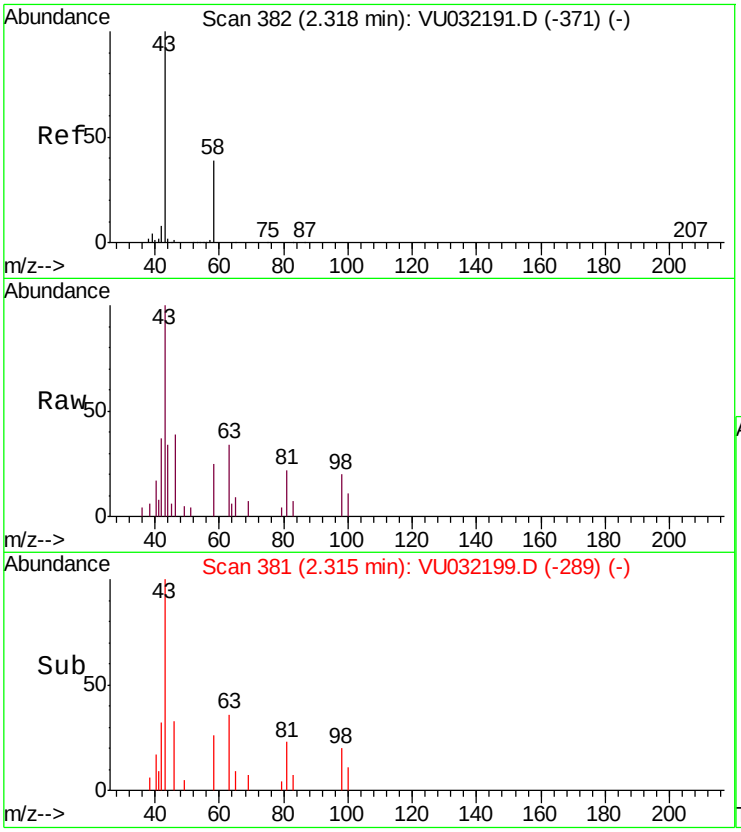


#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Tgt Ion: 96 Resp: 3027

Ion	Ratio	Lower	Upper
96	100		
61	1340.0	103.7	192.7#
63	11724.8	83.3	154.7#



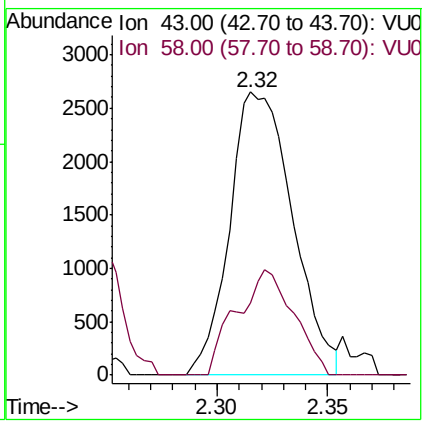


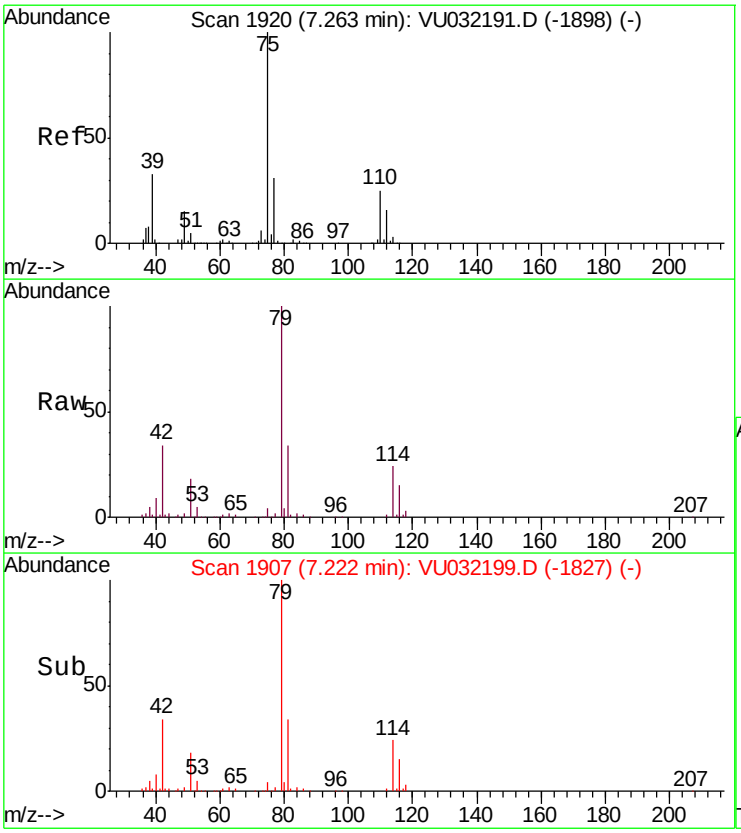
#13
Acetone
Concen: 1.607 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
BFHK0

Tgt Ion: 43 Resp: 5257

Ion	Ratio	Lower	Upper
43	100		
58	24.5	0.0	76.8

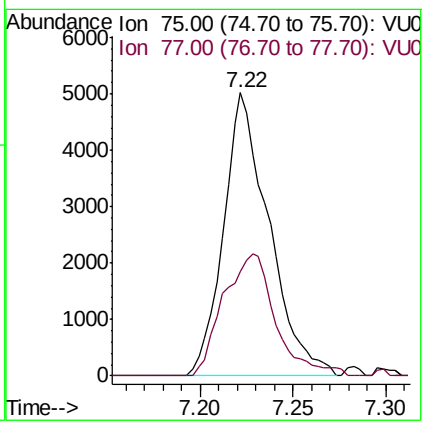


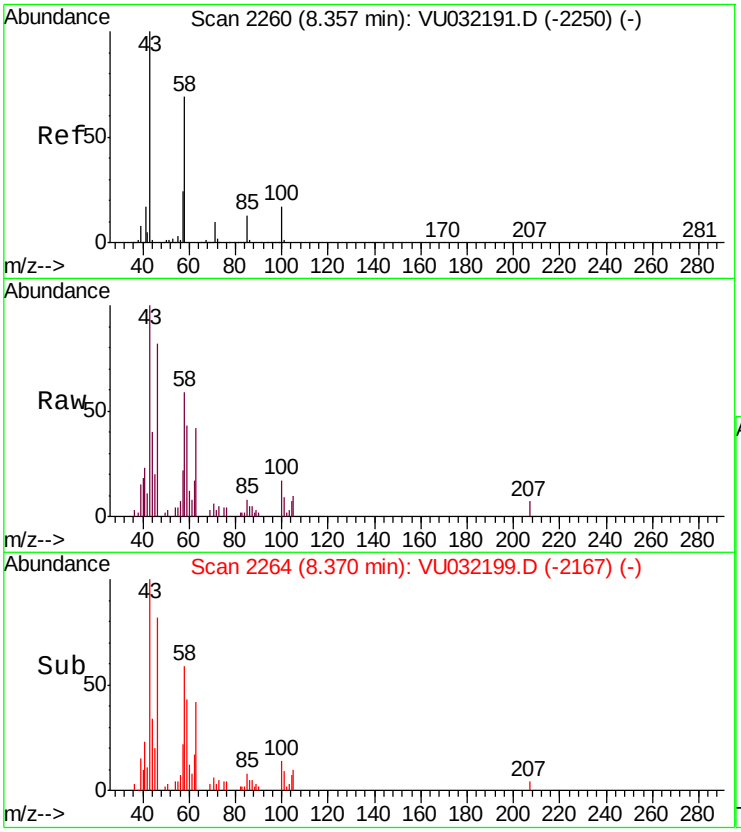


#39
cis-1,3-Dichloropropene
Concen: 1.006 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Tgt Ion: 75 Resp: 8525

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.2	41.2



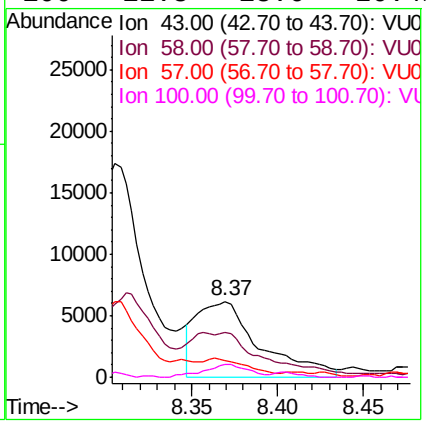


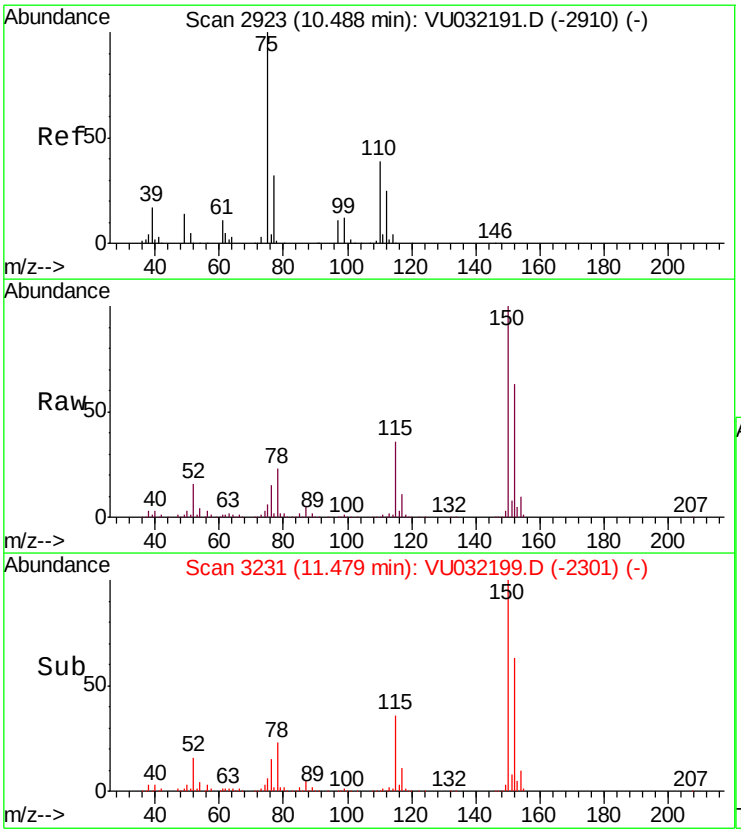
#48
2-Hexanone
Concen: 3.014 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
BFHK0

Tgt Ion: 43 Resp: 15933

Ion	Ratio	Lower	Upper
43	100		
58	6.5	54.1	81.1#
57	10.6	19.4	29.0#
100	11.3	13.6	20.4#





#59
1,2,3-Trichloropropane
Concen: 4.396 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032199.D
Acq: 21 May 2019 14:57

Tgt Ion: 75 Resp: 32827

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.0	39.0