Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071519\

Quantitation Report (Not Reviewed)

Data File : VU033246.D
Acq On : 15 Jul 2019 10:15
Operator : JC/SP
Sample : K3760-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8X4

Quant Time: Jul 16 01:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	280145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123642	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	105536	49.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.52%			
7) Chloroethane-d5	1.67	69	93896	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.66%			
11) 1,1-Dichloroethene-d2	2.26	63	139201	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.38%			
21) 2-Butanone-d5	4.15	46	128913	95.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.94%			
24) Chloroform-d	4.62	84	176261	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.29	65	118518	51.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.98%			
32) Benzene-d6	5.32	84	368297	54.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.31	67	115959	53.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.94%			
41) Toluene-d8	7.55	98	321200	50.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.62%			
43) trans-1,3-Dichloropropene-	7.83	79	53486	50.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.58%			
47) 2-Hexanone-d5	8.29	63	101905	104.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.23%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	169745	51.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.42%			
64) 1,2-Dichlorobenzene-d4	11.85	152	122514	55.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.12%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1201	0.628	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1125	0.602	ug/L #	1
13) Acetone	2.31	43	21358	12.722	ug/L	96
25) Chloroform	4.65	83	9382	2.375	ug/L	99
37) 1,2-Dichloropropane	6.31	63	12819	5.873	ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2485	0.823	ug/L	89

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

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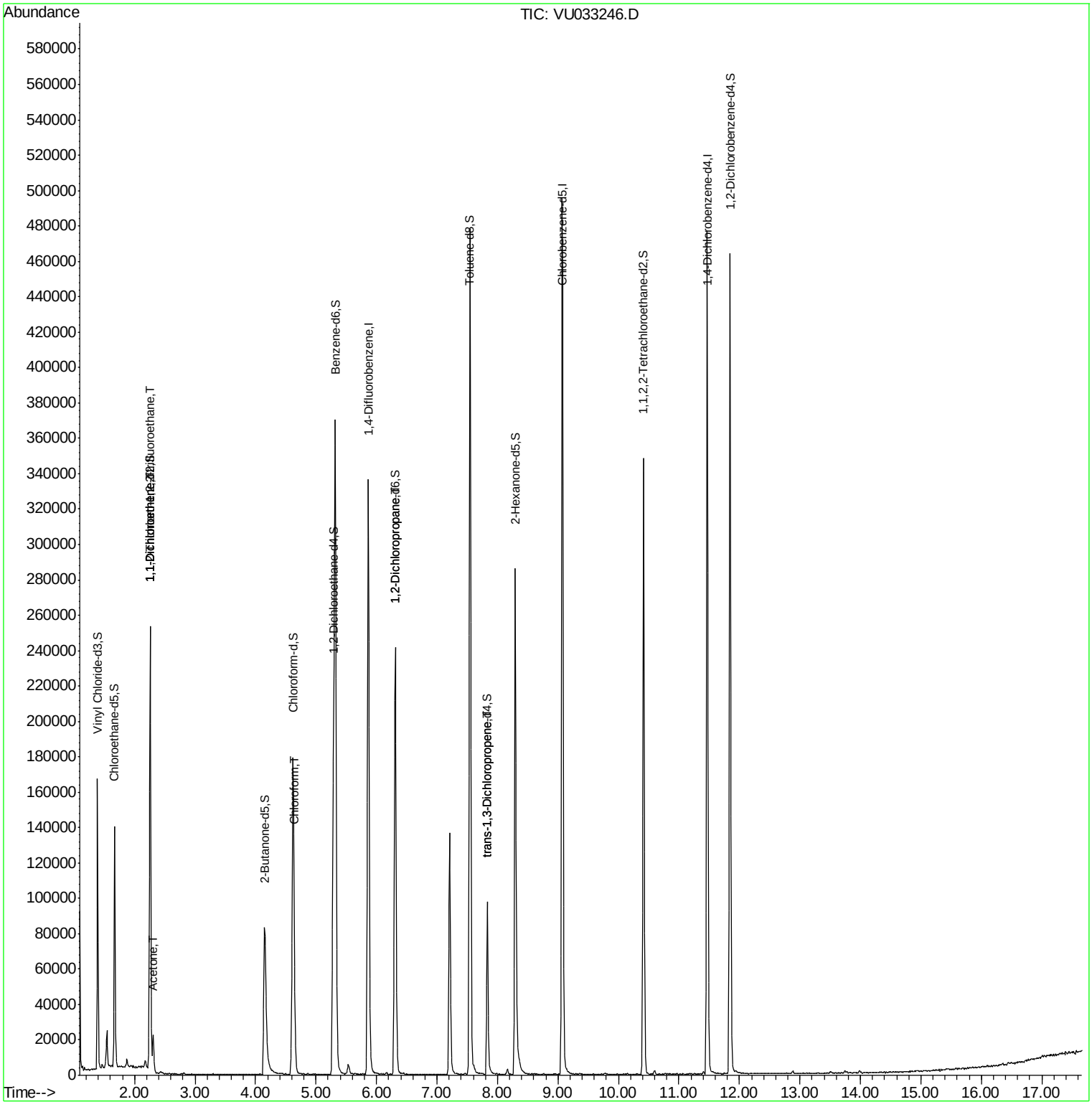
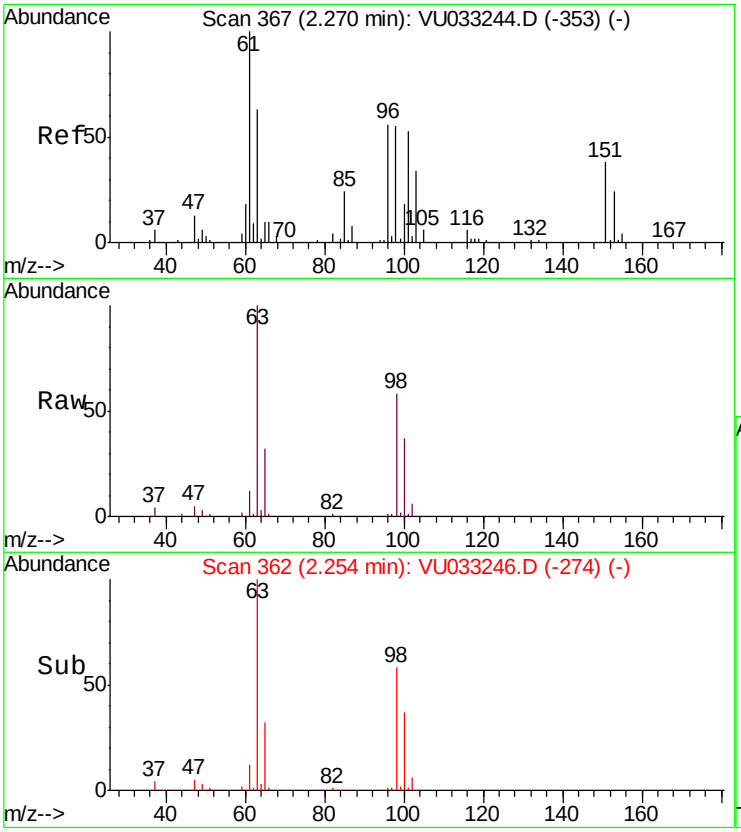
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration



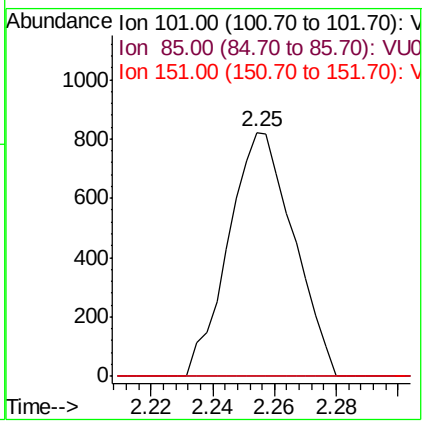


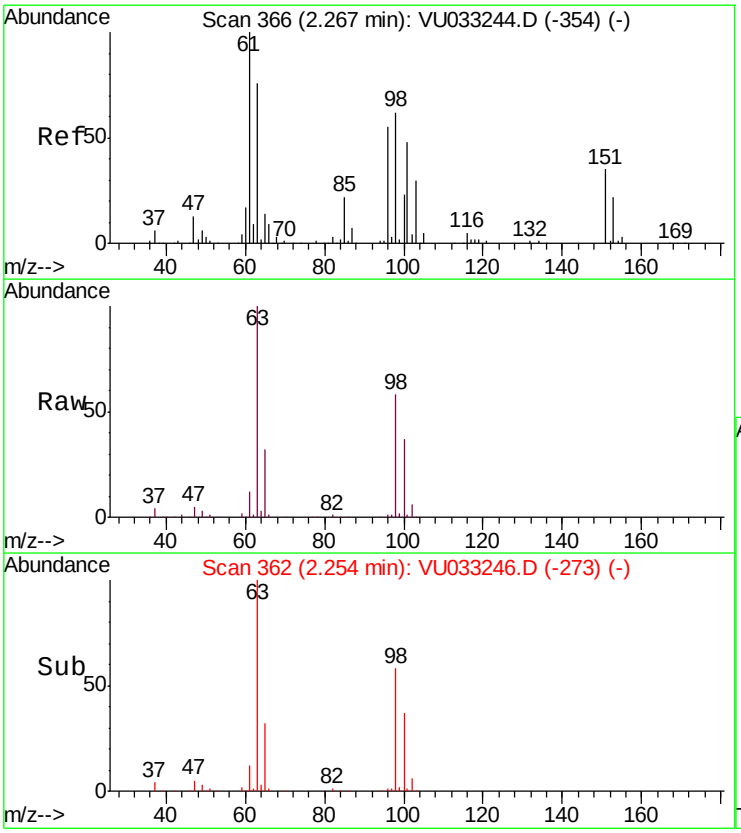
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.628 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Instrument : MSVOA_U
ClientSampleId : DB8X4

Tgt Ion:101 Resp: 1201

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

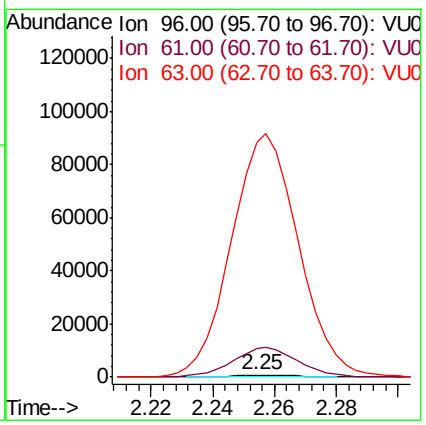


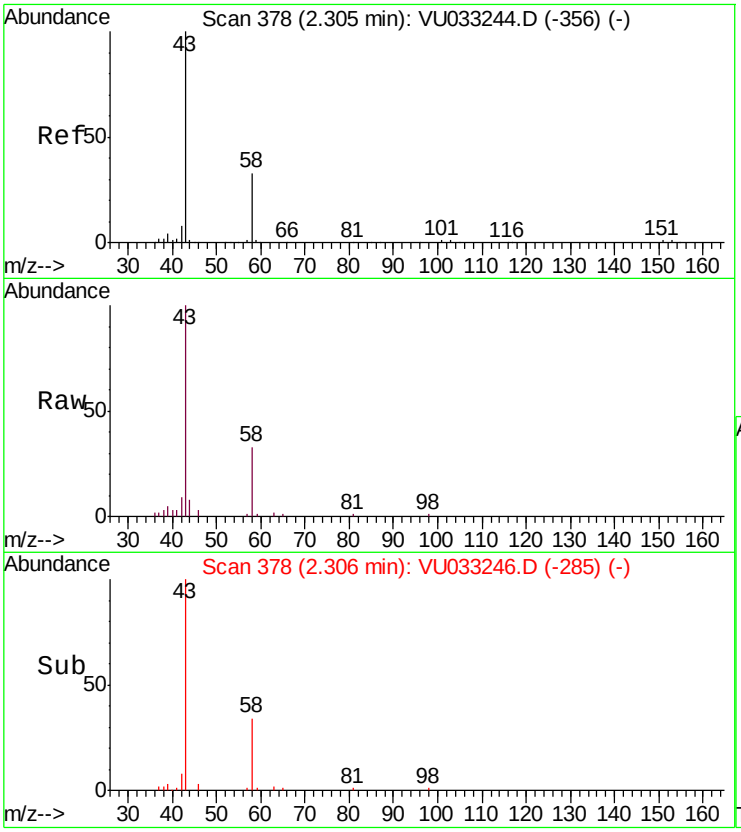


#12
1,1-Dichloroethene
Concen: 0.602 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.01 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Tgt Ion: 96 Resp: 1125

Ion	Ratio	Lower	Upper
96	100		
61	1595.2	126.1	234.1#
63	13222.1	96.8	179.8#



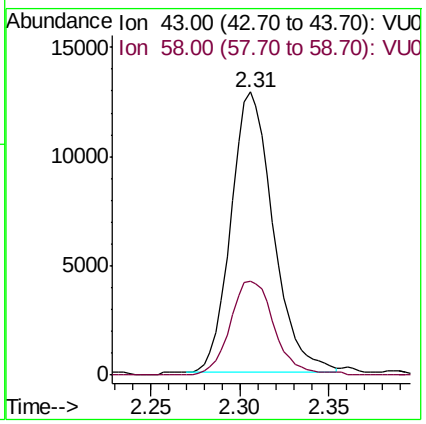


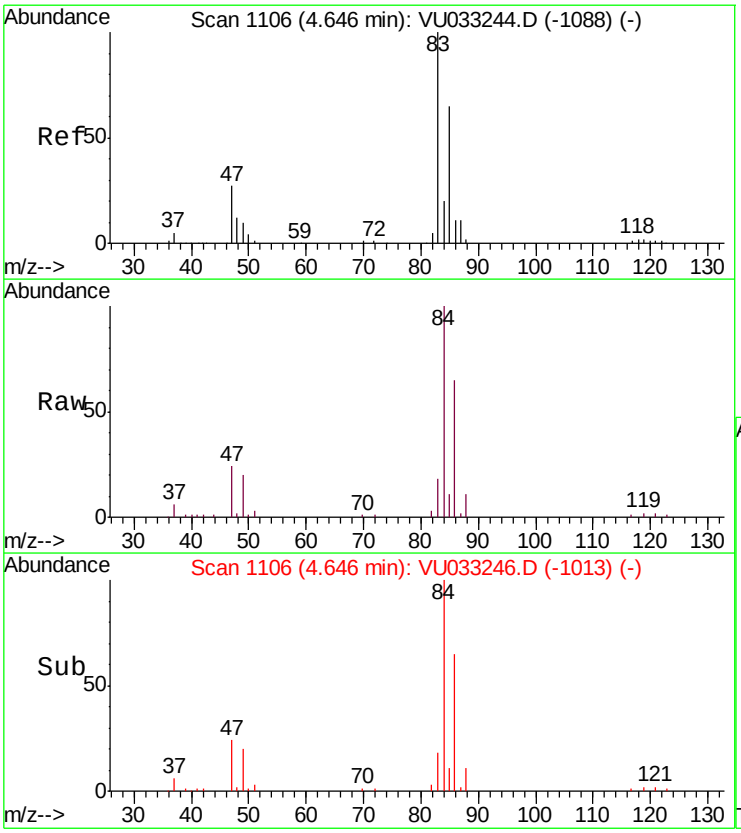
#13
Acetone
Concen: 12.722 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Instrument :
MSVOA_U
ClientSampleId :
DB8X4

Tgt Ion: 43 Resp: 21358

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	65.4

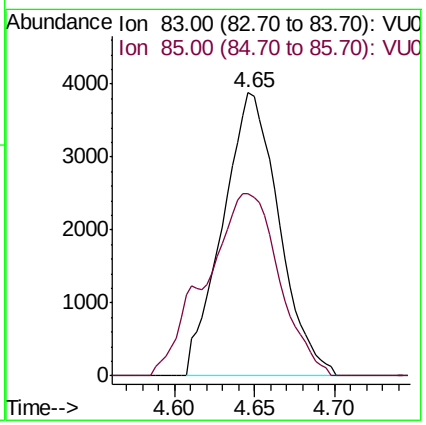


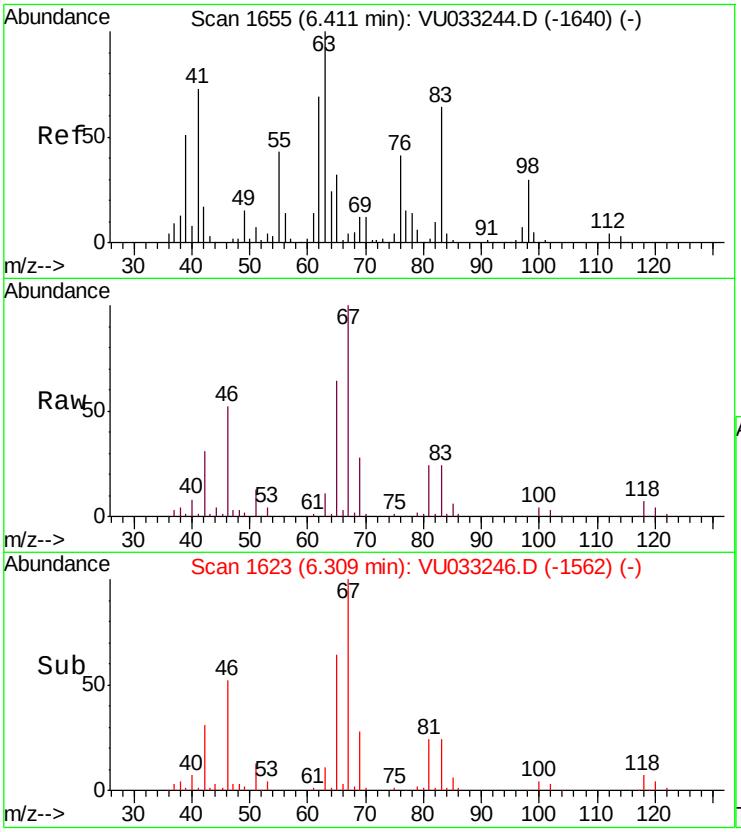


#25
Chloroform
Concen: 2.375 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Tgt Ion: 83 Resp: 9382

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4



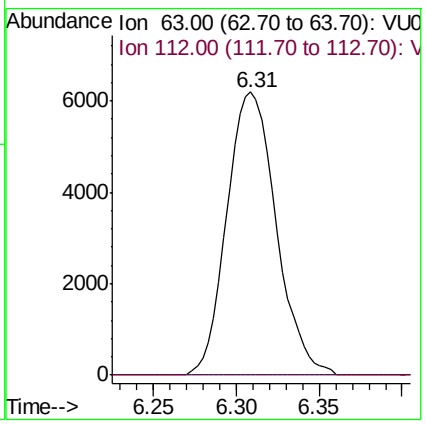


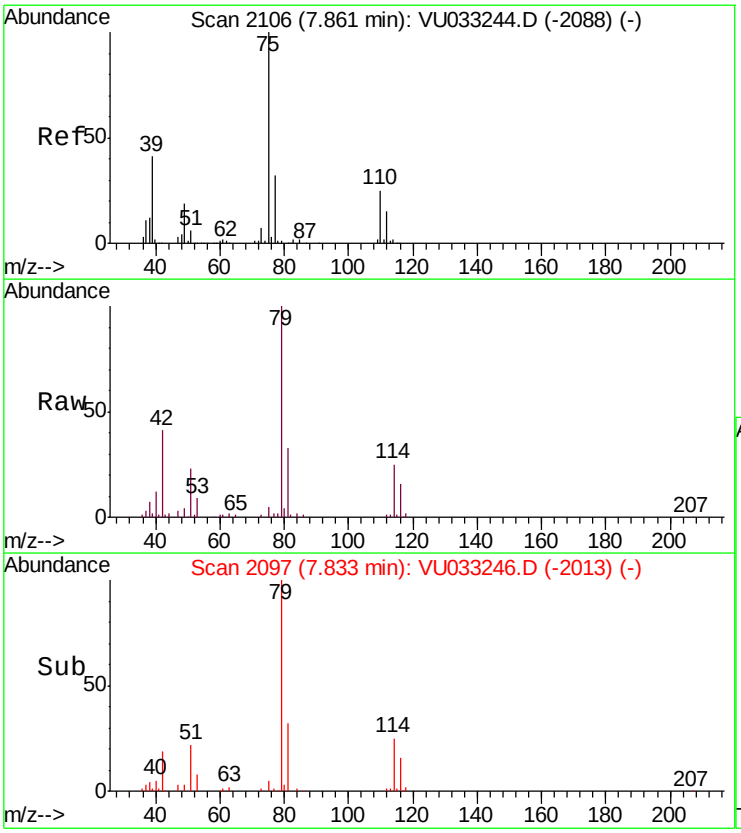
#37
1,2-Dichloropropane
Concen: 5.873 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Instrument : MSVOA_U
ClientSampleId : DB8X4

Tgt Ion: 63 Resp: 12819

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#44
trans-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033246.D
Acq: 15 Jul 2019 10:15

Tgt Ion: 75 Resp: 2485

Ion	Ratio	Lower	Upper
75	100		
77	37.9	22.4	41.6