Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

Quantitation Report (Not Reviewed)

Data File : VU029778.D
Acq On : 04 Mar 2019 12:13
Operator : JC/SP
Sample : K1657-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB661

Quant Time: Mar 05 00:40:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	449010	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209039	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	129568	39.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.76%			
7) Chloroethane-d5	1.68	69	115524	39.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.00%			
11) 1,1-Dichloroethene-d2	2.27	63	186448	28.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.98%#			
21) 2-Butanone-d5	4.17	46	225772	112.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.76%			
24) Chloroform-d	4.65	84	262167	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.26%			
26) 1,2-Dichloroethane-d4	5.31	65	163038	48.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.50%			
32) Benzene-d6	5.34	84	557605	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.54%			
36) 1,2-Dichloropropane-d6	6.33	67	175699	53.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.34%			
41) Toluene-d8	7.56	98	513573	45.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.64%			
43) trans-1,3-Dichloropropene-	7.85	79	80281	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.60%			
47) 2-Hexanone-d5	8.31	63	189819	103.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.15%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272461	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	216822	48.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.26%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2369	0.757	ug/L #	27
12) 1,1-Dichloroethene	2.27	96	2262	0.761	ug/L #	1
13) Acetone	2.32	43	3972	1.856	ug/L	95
16) Methylene chloride	2.70	84	1825	0.634	ug/L	93
25) Chloroform	4.67	83	3398	0.642	ug/L	93
48) 2-Hexanone	8.31	43	19642	5.443	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21145	5.048	ug/L	96

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

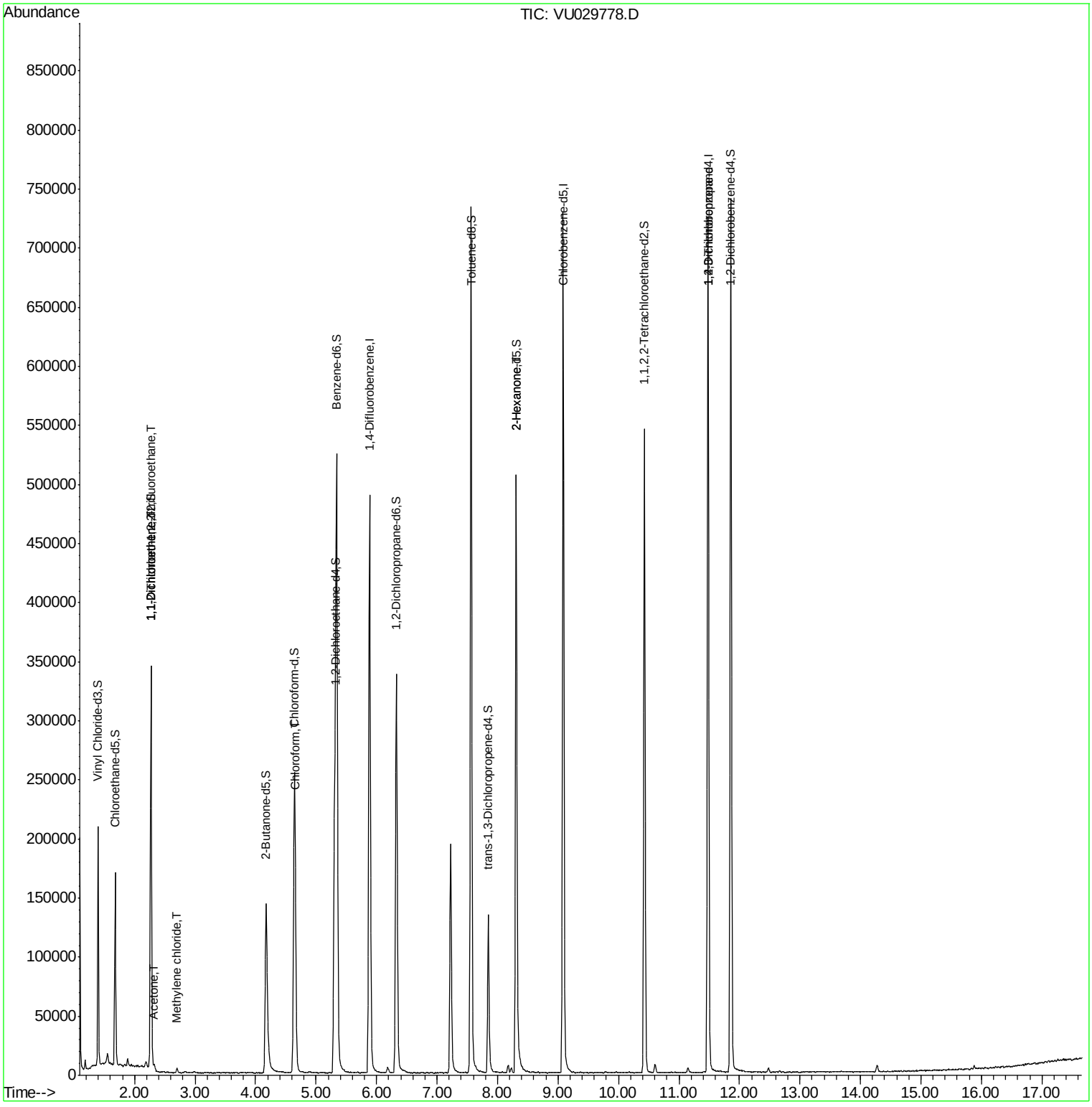
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

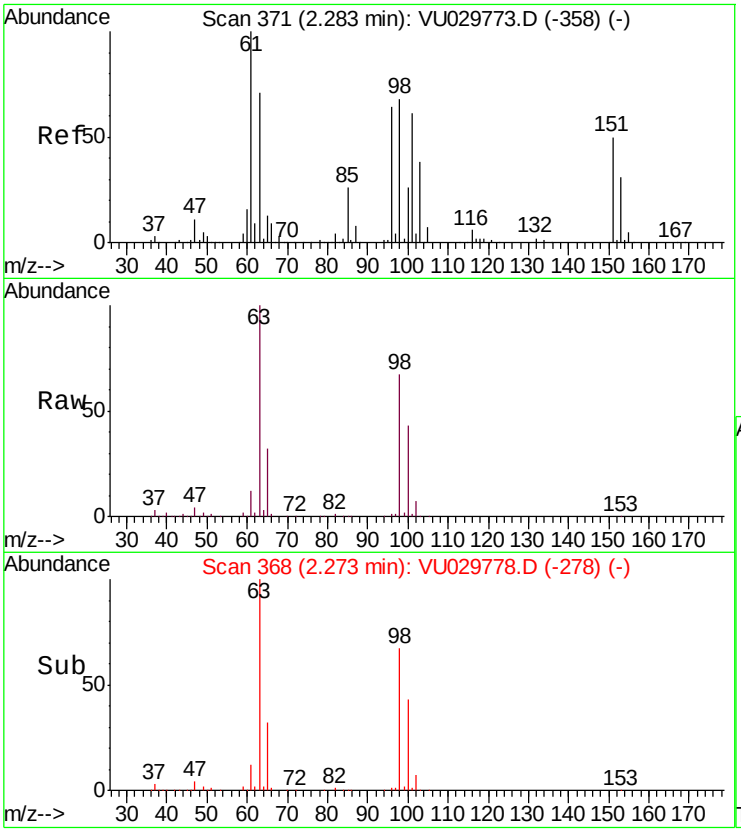
Quantitation Report (Not Reviewed)

Data File : VU029778.D
Acq On : 04 Mar 2019 12:13
Operator : JC/SP
Sample : K1657-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB661

Quant Time: Mar 05 00:40:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration



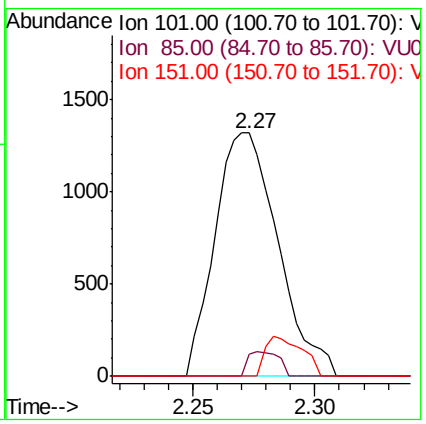


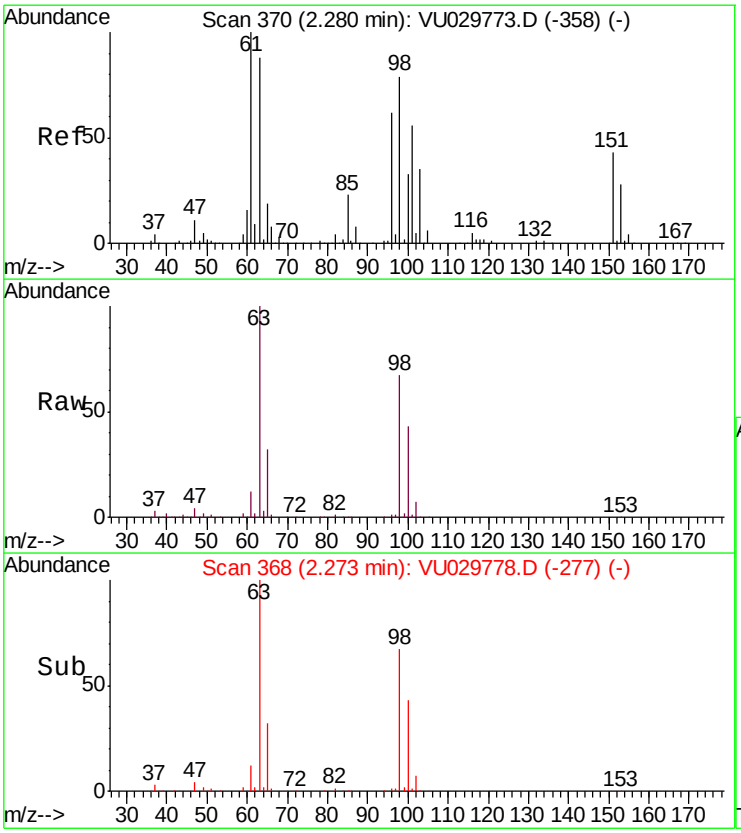
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.757 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Instrument : MSVOA_U
ClientSampleId : DB661

Tgt Ion:101 Resp: 2369

Ion	Ratio	Lower	Upper
101	100		
85	4.9	33.0	49.6#
151	9.5	65.7	98.5#

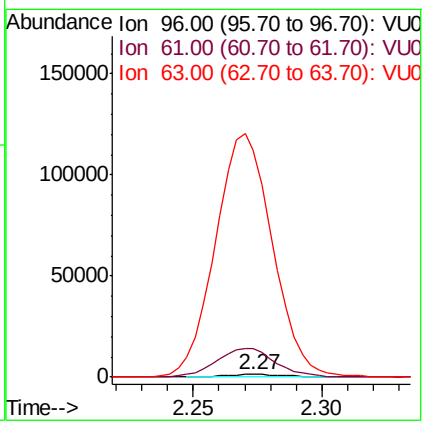


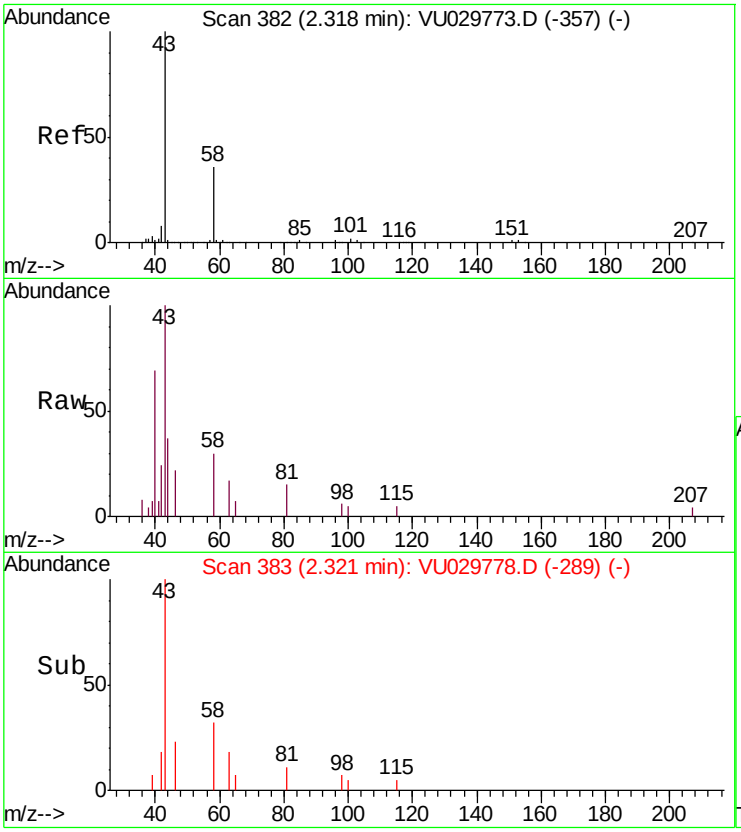


#12
1,1-Dichloroethene
Concen: 0.761 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Tgt Ion: 96 Resp: 2262

Ion	Ratio	Lower	Upper
96	100		
61	1045.4	114.0	211.8#
63	8431.0	98.7	183.3#



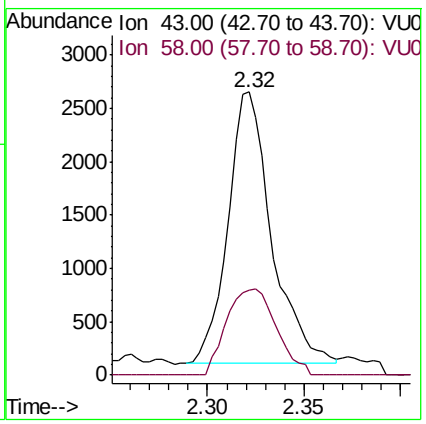


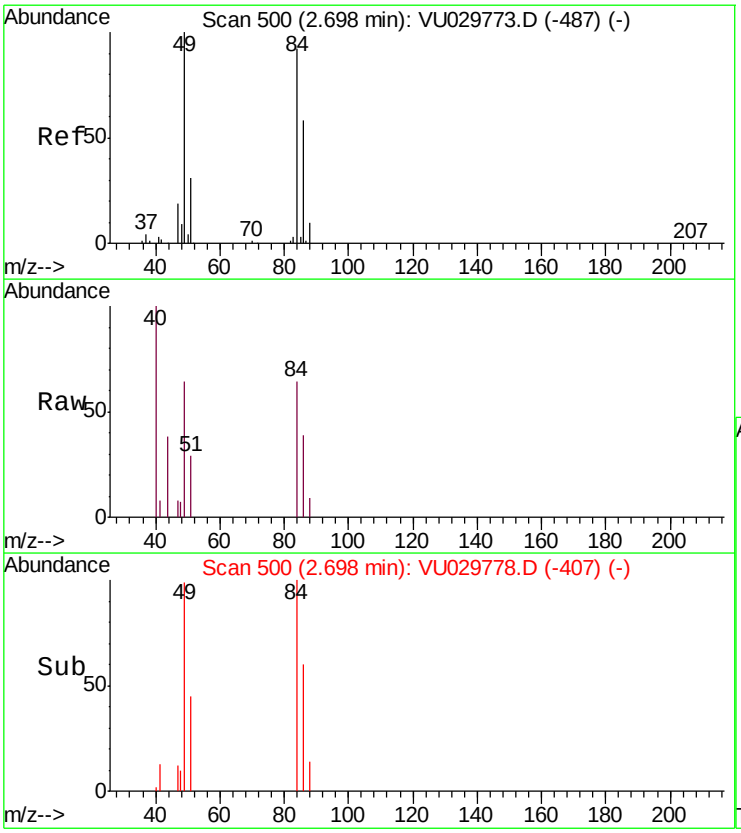
#13
Acetone
Concen: 1.856 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Instrument : MSVOA_U
ClientSampleId : DB661

Tgt Ion: 43 Resp: 3972

Ion	Ratio	Lower	Upper
43	100		
58	36.4	0.0	66.8

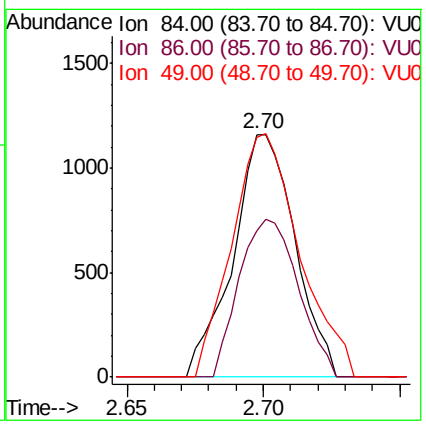


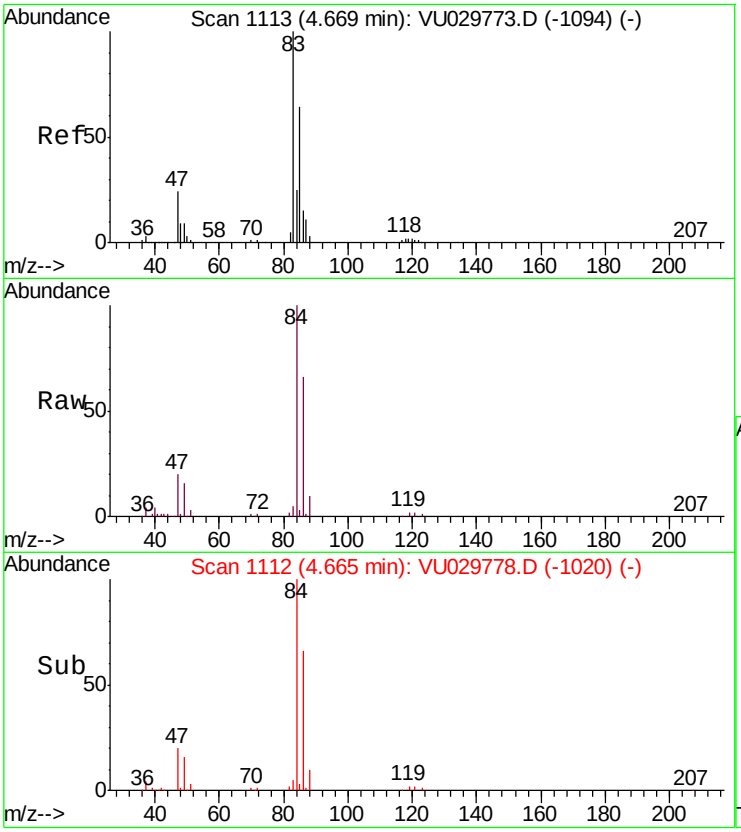


#16
Methylene chloride
Concen: 0.634 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Tgt Ion: 84 Resp: 1825

Ion	Ratio	Lower	Upper
84	100		
86	60.5	45.8	85.0
49	99.0	75.1	139.5



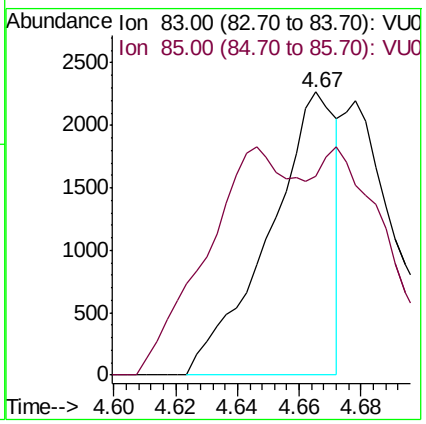


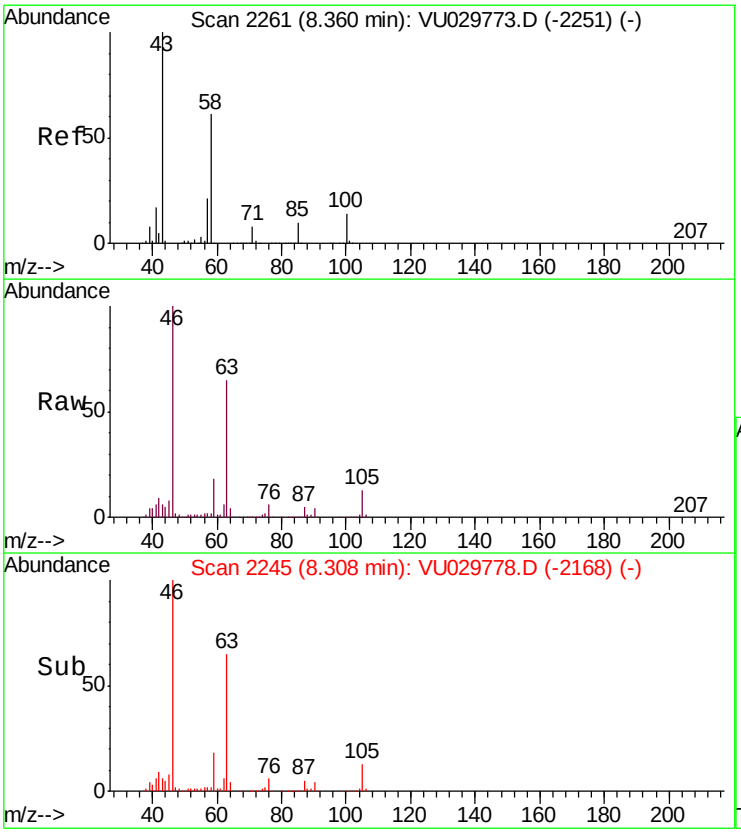
#25
Chloroform
Concen: 0.642 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Instrument : MSVOA_U
ClientSampleId : DB661

Tgt Ion: 83 Resp: 3398

Ion	Ratio	Lower	Upper
83	100		
85	70.0	45.4	84.2

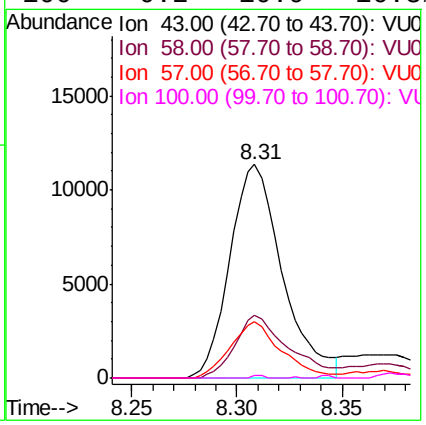


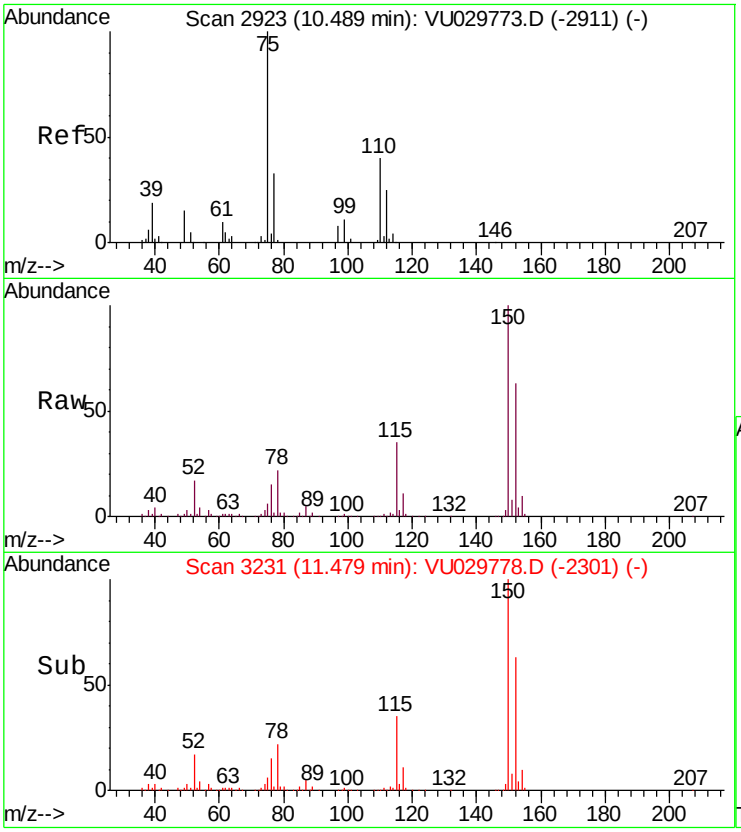


#48
2-Hexanone
Concen: 5.443 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Tgt Ion: 43 Resp: 19642

Ion	Ratio	Lower	Upper
43	100		
58	30.0	46.4	69.6#
57	25.4	15.7	23.5#
100	0.2	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.048 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029778.D
Acq: 04 Mar 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
DB661

Tgt Ion: 75 Resp: 21145

Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.7	38.5