Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

Quantitation Report (Not Reviewed)

Data File : VU029659.D
Acq On : 25 Feb 2019 15:40
Operator : JC/SP
Sample : K1602-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5D9

Quant Time: Feb 26 00:16:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224777	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	139043	40.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.84%			
7) Chloroethane-d5	1.68	69	124508	40.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.42%			
11) 1,1-Dichloroethene-d2	2.27	63	202095	30.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.10%			
21) 2-Butanone-d5	4.17	46	196725	93.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.97%			
24) Chloroform-d	4.65	84	232917	41.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.48%			
26) 1,2-Dichloroethane-d4	5.31	65	161891	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.66%			
32) Benzene-d6	5.34	84	550672	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
36) 1,2-Dichloropropane-d6	6.33	67	165671	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.74%			
41) Toluene-d8	7.56	98	514809	44.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.54%			
43) trans-1,3-Dichloropropene-	7.85	79	77093	42.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.74%			
47) 2-Hexanone-d5	8.31	63	154230	81.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.69%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251672	43.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	215999	44.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.18%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2172	0.664	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1894	0.609	ug/L #	1
13) Acetone	2.32	43	9406	4.205	ug/L	99
25) Chloroform	4.67	83	20716	3.742	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3217	0.702	ug/L #	82
48) 2-Hexanone	8.31	43	16387	4.426	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	22957	5.342	ug/L	95

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

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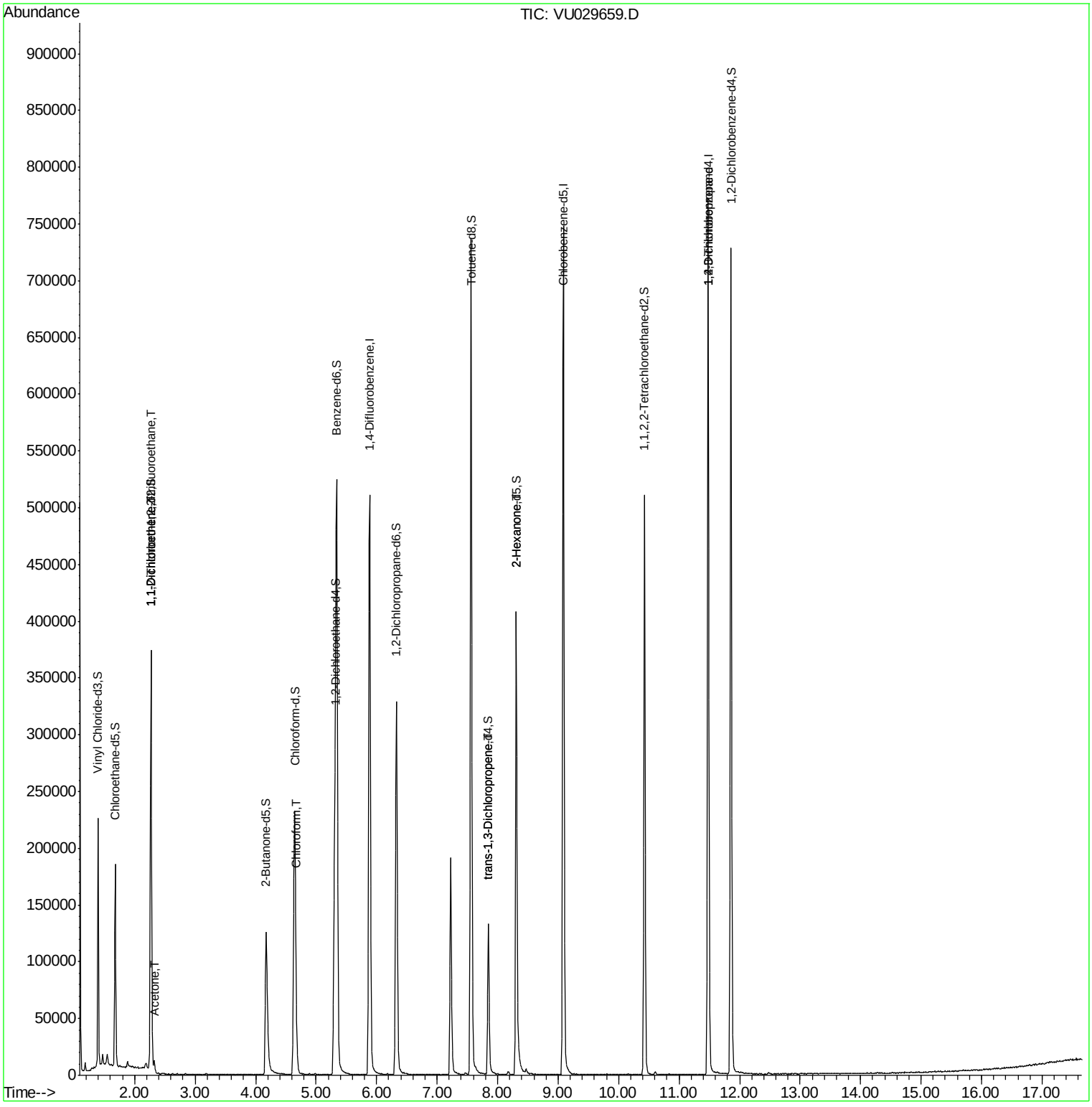
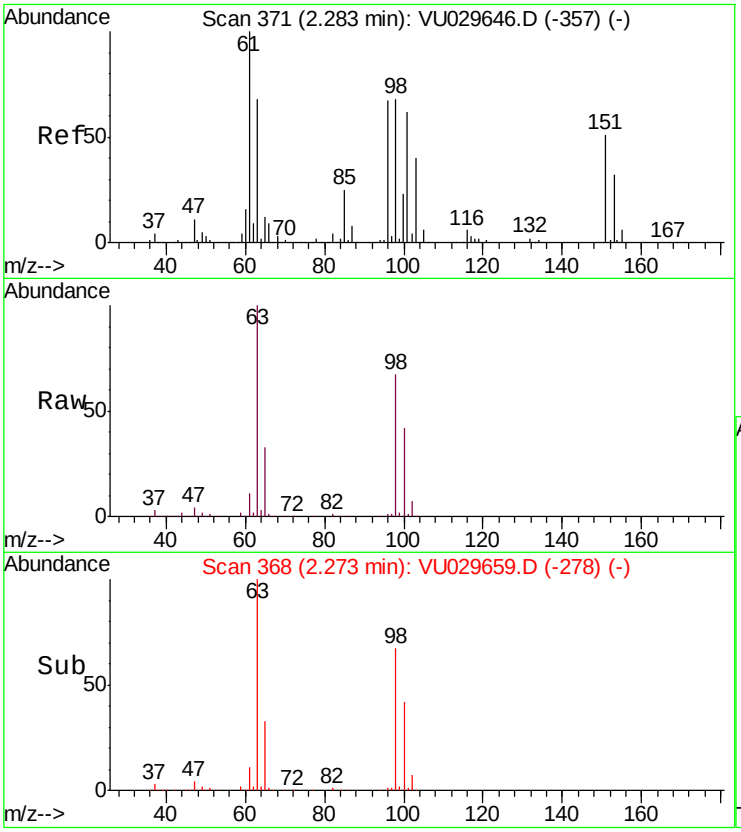
Operator : JC/SP
Sample : K1602-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D9

Quant Time: Feb 26 00:16:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration



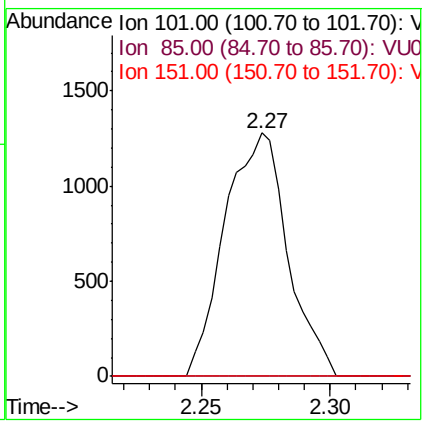


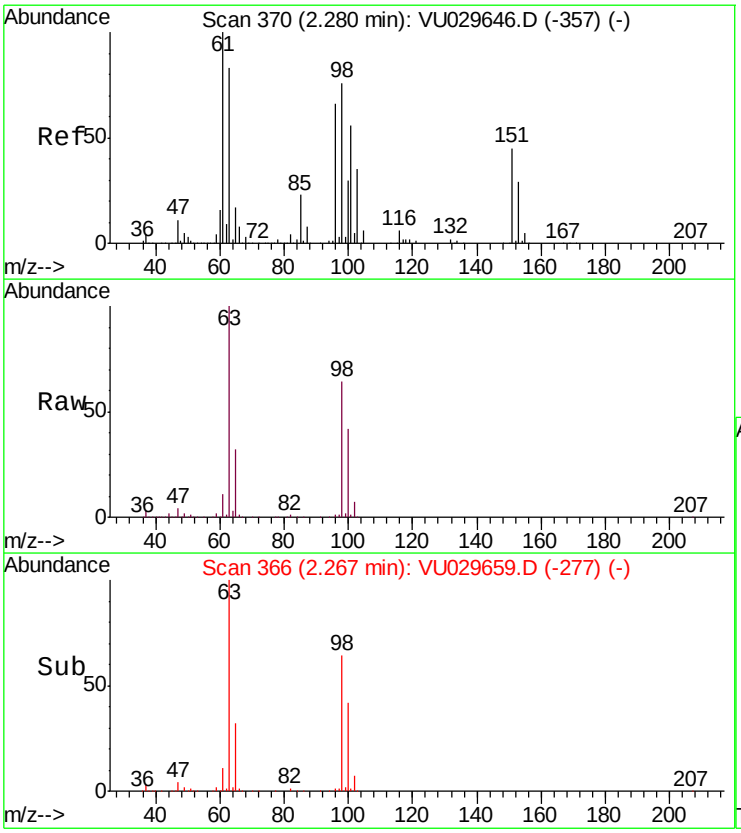
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.664 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Instrument : MSVOA_U
ClientSampleId : BF5D9

Tgt Ion:101 Resp: 2172

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#

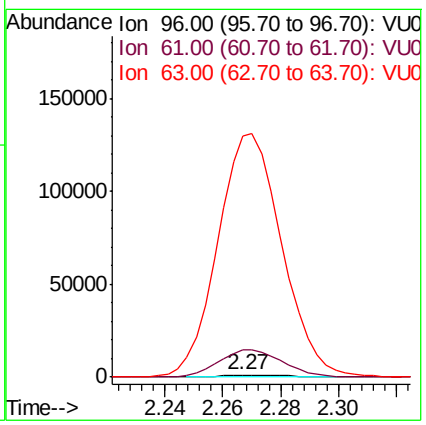


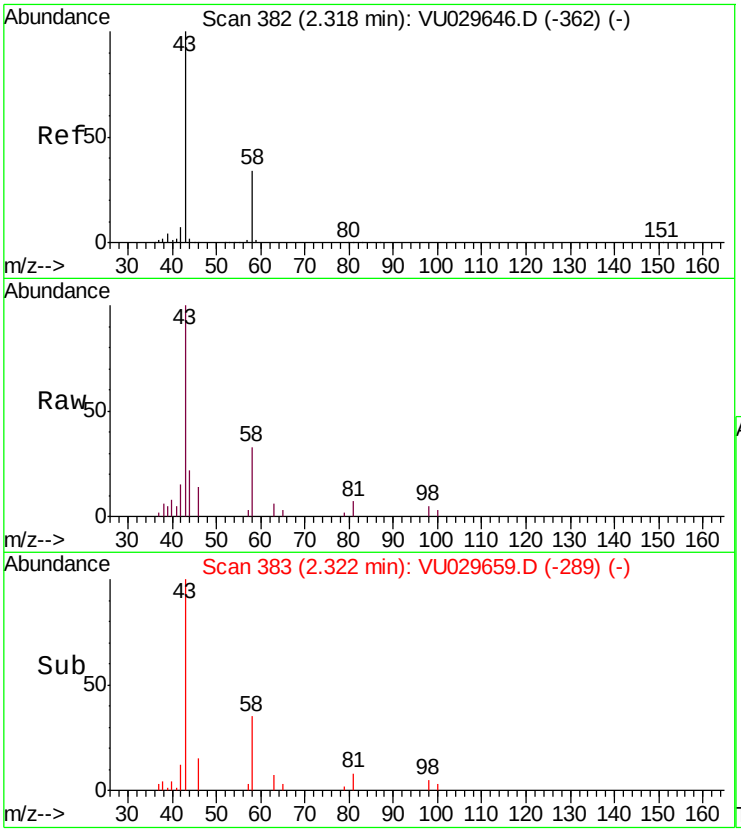


#12
1,1-Dichloroethene
Concen: 0.609 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Tgt Ion: 96 Resp: 1894

Ion	Ratio	Lower	Upper
96	100		
61	1156.1	114.0	211.8#
63	10306.9	98.7	183.3#



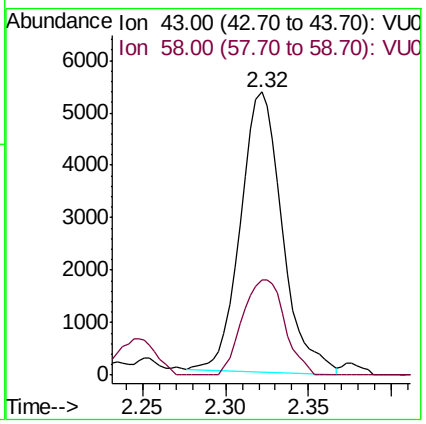


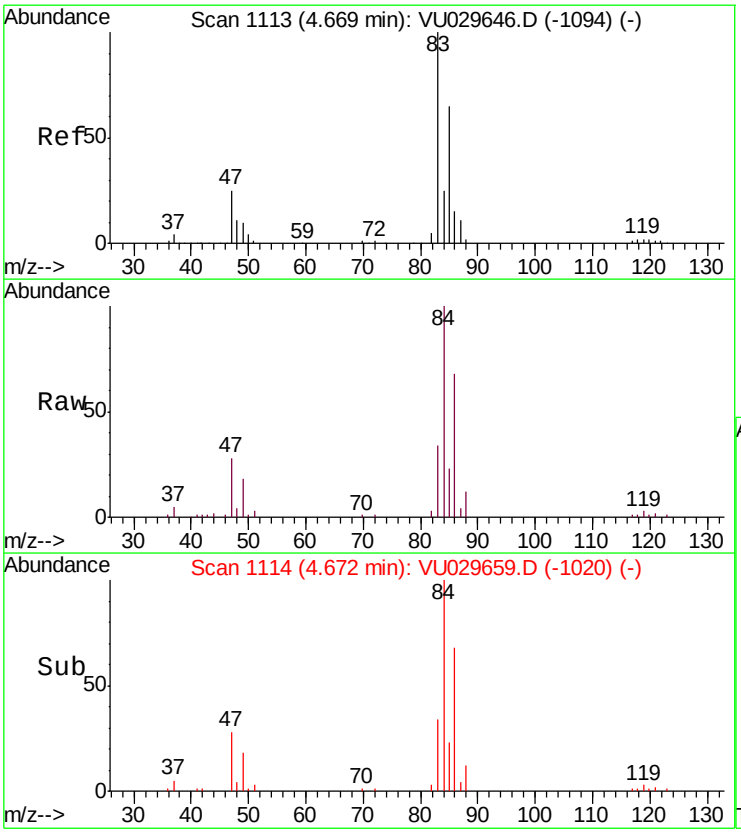
#13
Acetone
Concen: 4.205 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Instrument : MSVOA_U
ClientSampleId : BF5D9

Tgt Ion: 43 Resp: 9406

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	66.8

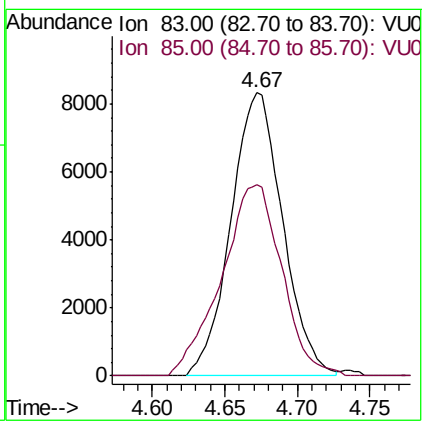


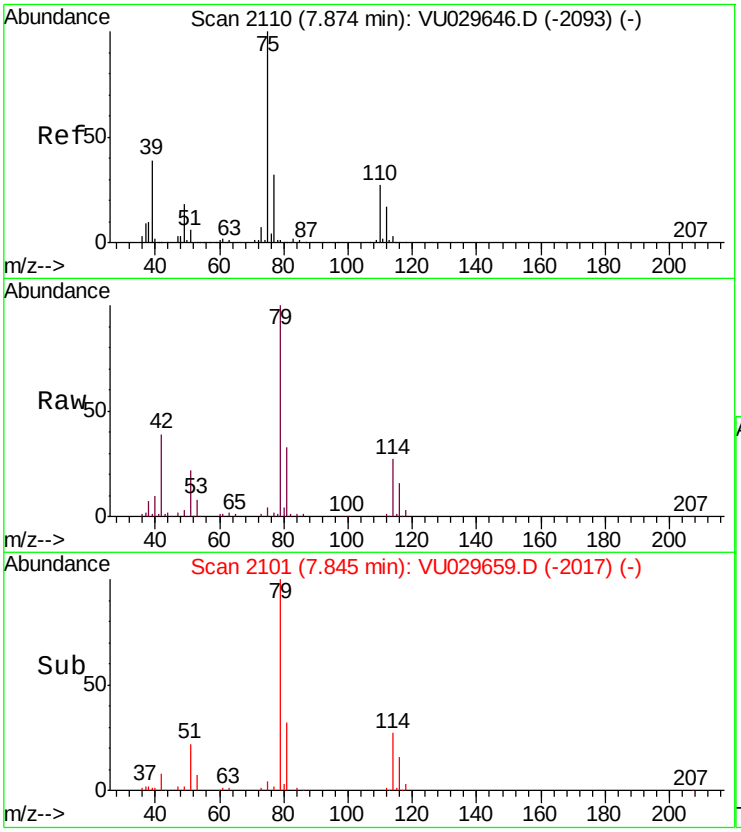


#25
Chloroform
Concen: 3.742 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Tgt Ion: 83 Resp: 20716

Ion	Ratio	Lower	Upper
83	100		
85	67.7	45.4	84.2



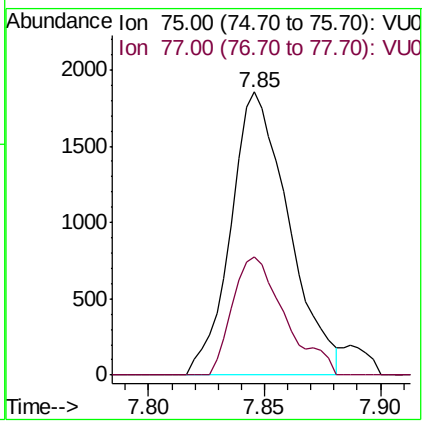


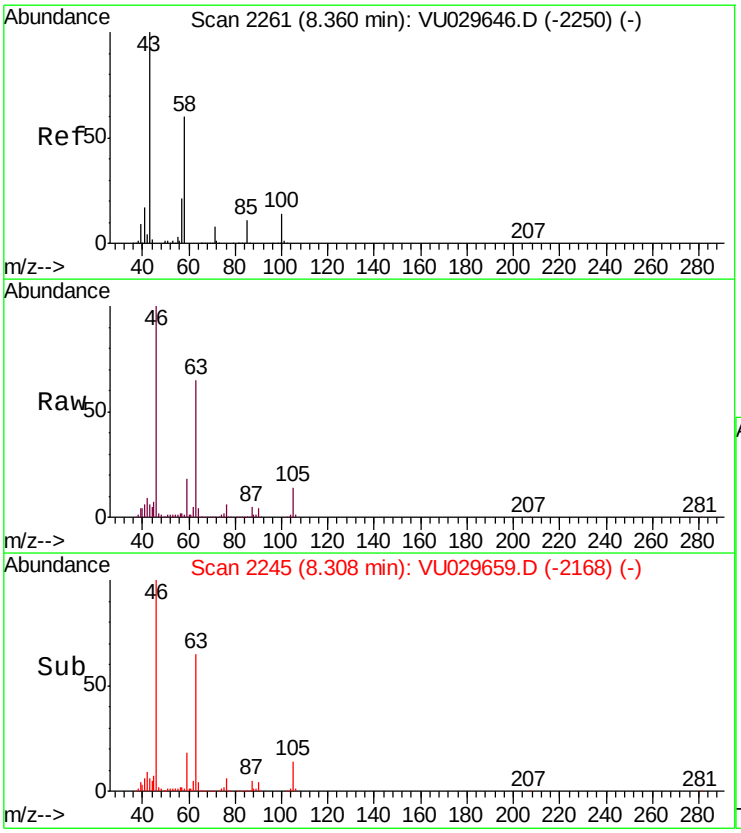
#44
trans-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Instrument : MSVOA_U
ClientSampleId : BF5D9

Tgt Ion: 75 Resp: 3217

Ion	Ratio	Lower	Upper
75	100		
77	41.8	22.1	41.1#

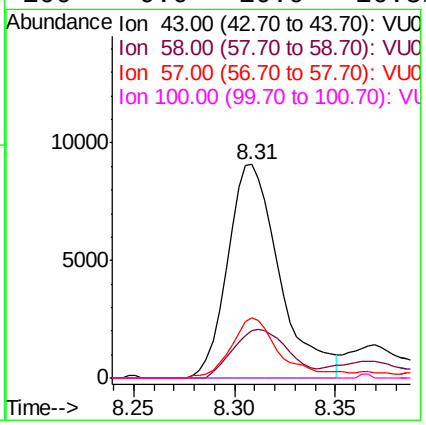


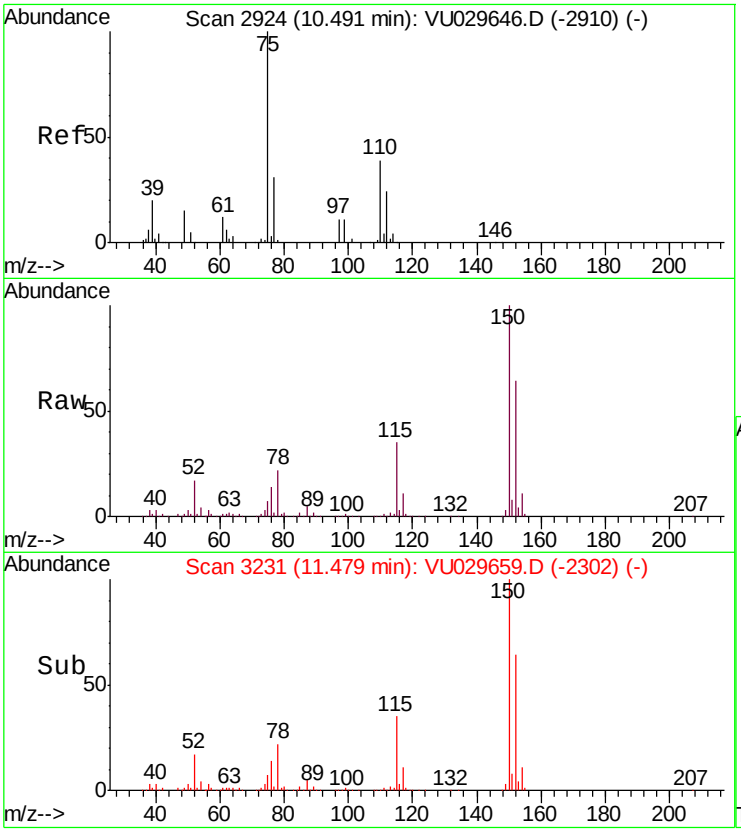


#48
2-Hexanone
Concen: 4.426 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Tgt Ion: 43 Resp: 16387

Ion	Ratio	Lower	Upper
43	100		
58	24.3	46.4	69.6#
57	25.5	15.7	23.5#
100	0.0	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.342 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029659.D
Acq: 25 Feb 2019 15:40

Instrument :
MSVOA_U
ClientSampleId :
BF5D9

Tgt Ion: 75 Resp: 22957

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.7	38.5