Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029687.D
Acq On : 26 Feb 2019 17:19
Operator : JC/SP
Sample : K1621-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 27 01:56:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463942	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216310	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144005	42.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.72%			
7) Chloroethane-d5	1.68	69	132525	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.70%			
11) 1,1-Dichloroethene-d2	2.27	63	205935	30.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.98%			
21) 2-Butanone-d5	4.17	46	217735	105.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.25%			
24) Chloroform-d	4.64	84	265322	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
26) 1,2-Dichloroethane-d4	5.31	65	179293	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.72%			
32) Benzene-d6	5.34	84	612805	54.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.94%			
36) 1,2-Dichloropropane-d6	6.33	67	187432	55.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.76%			
41) Toluene-d8	7.56	98	572129	49.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.66%			
43) trans-1,3-Dichloropropene-	7.85	79	86829	48.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.72%			
47) 2-Hexanone-d5	8.31	63	173342	91.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283380	49.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	237721	51.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2110	0.653	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1965	0.640	ug/L #	1
13) Acetone	2.32	43	2401	1.086	ug/L	97
25) Chloroform	4.67	83	23677	4.328	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4806	0.990	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	3607	0.788	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	22432	5.229	ug/L	95

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

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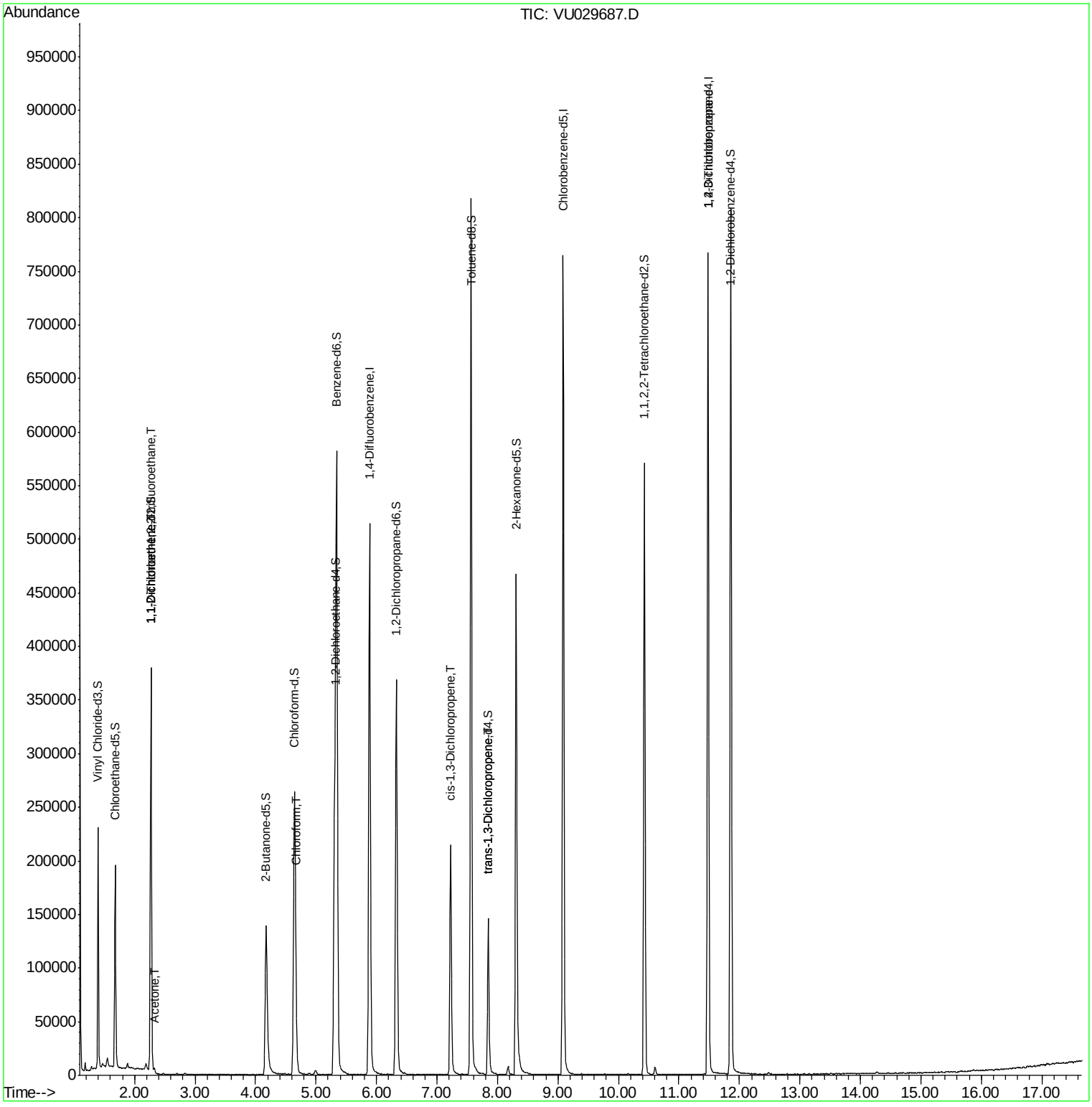
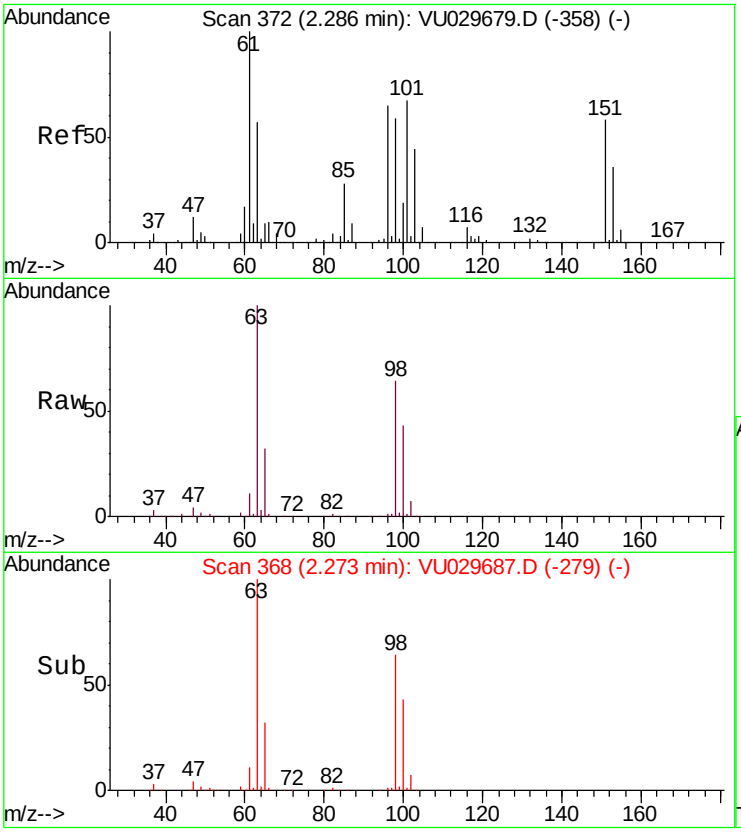
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

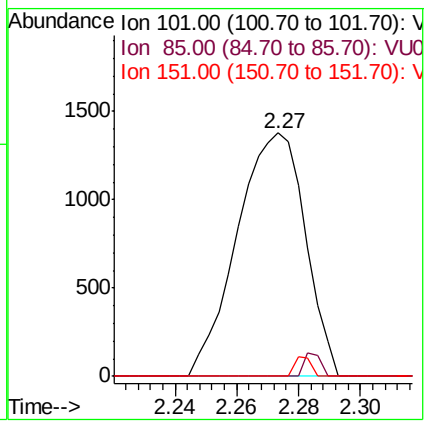


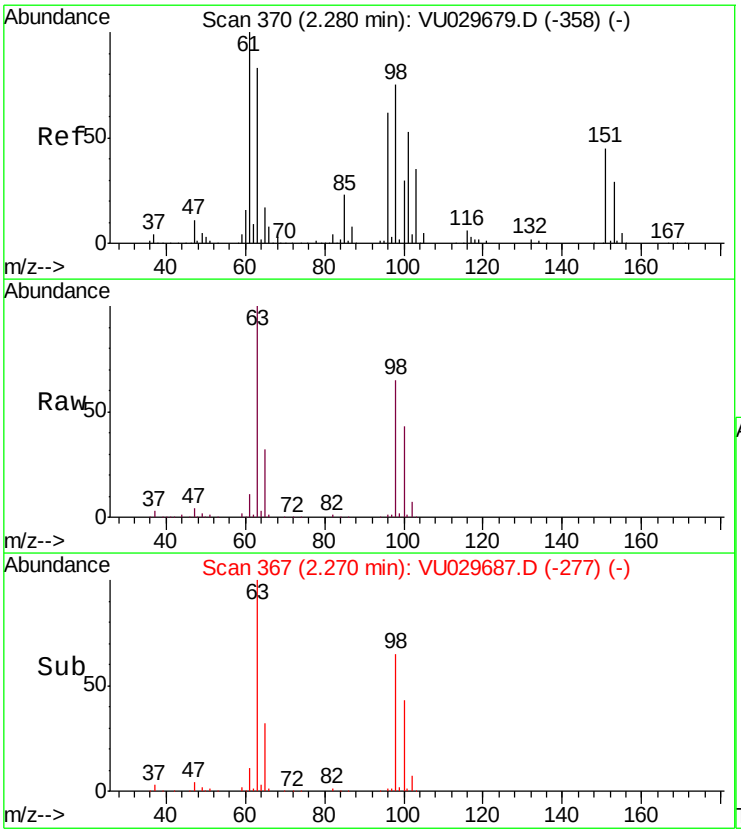


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.653 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion:101 Resp: 2110

Ion	Ratio	Lower	Upper
101	100		
85	2.2	33.0	49.6#
151	1.9	65.7	98.5#

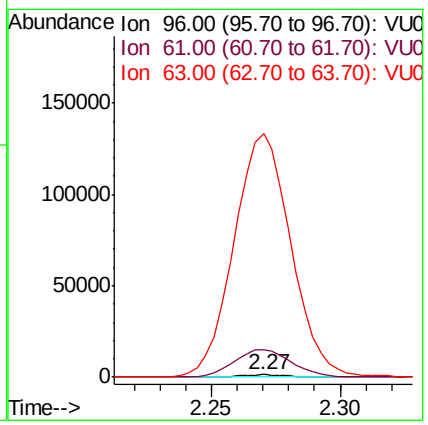


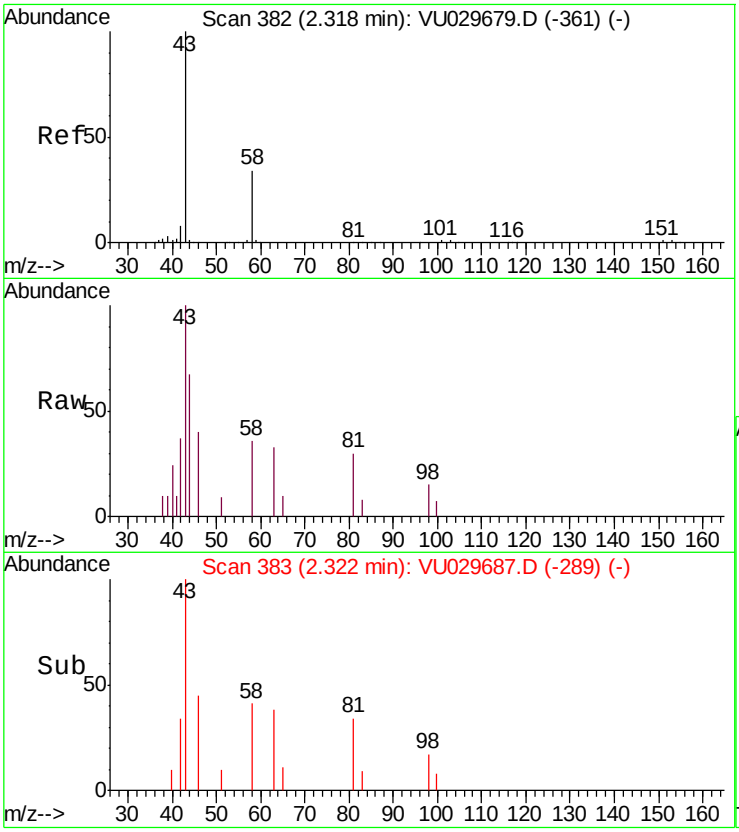


#12
1,1-Dichloroethene
Concen: 0.640 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 96 Resp: 1965

Ion	Ratio	Lower	Upper
96	100		
61	1153.3	114.0	211.8#
63	10119.6	98.7	183.3#

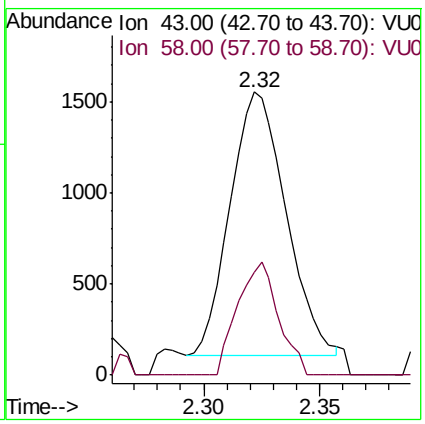


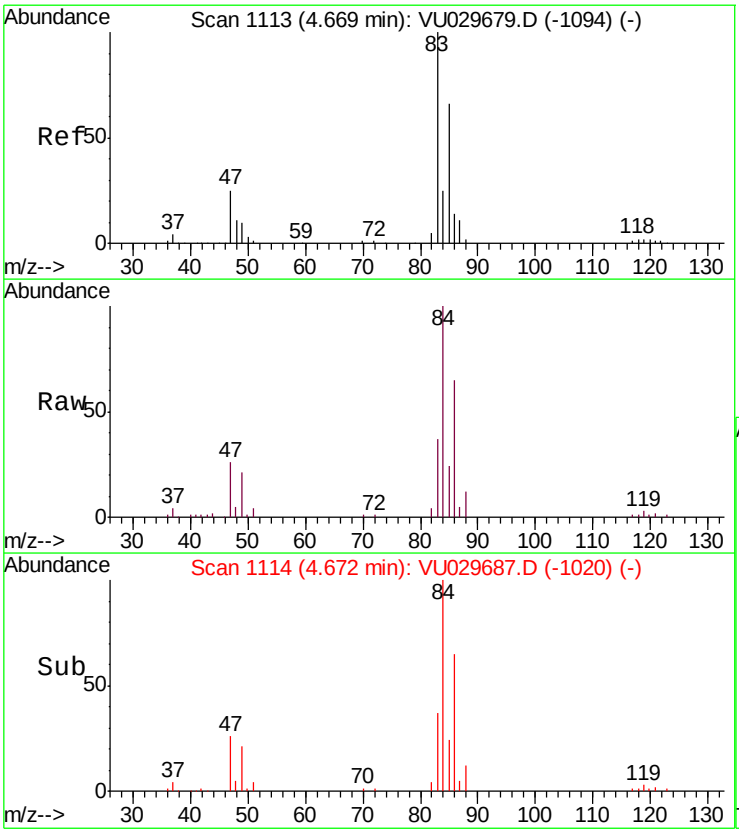


#13
Acetone
Concen: 1.086 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 43 Resp: 2401

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	66.8

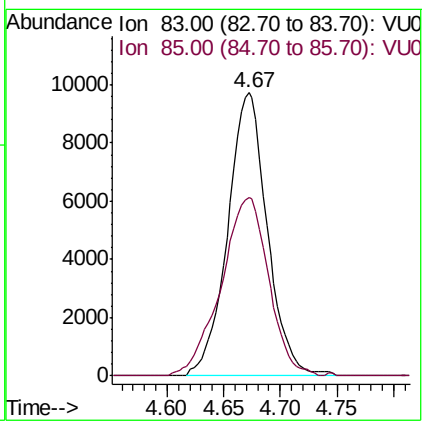


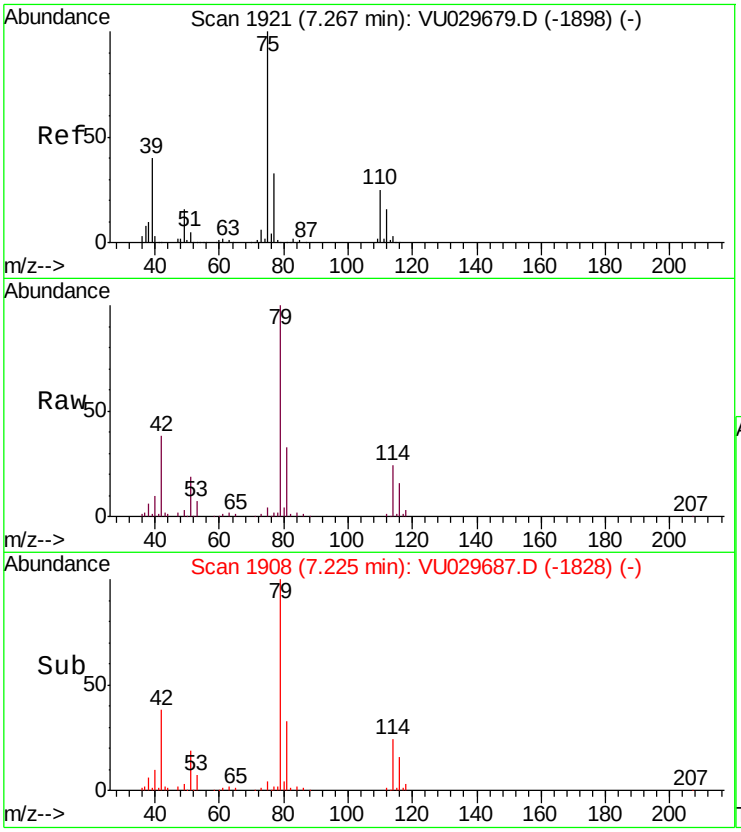


#25
Chloroform
Concen: 4.328 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 83 Resp: 23677

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.4	84.2

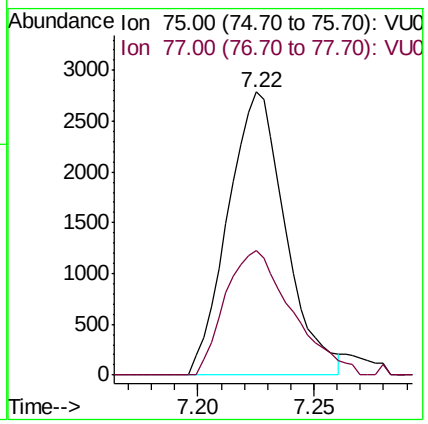


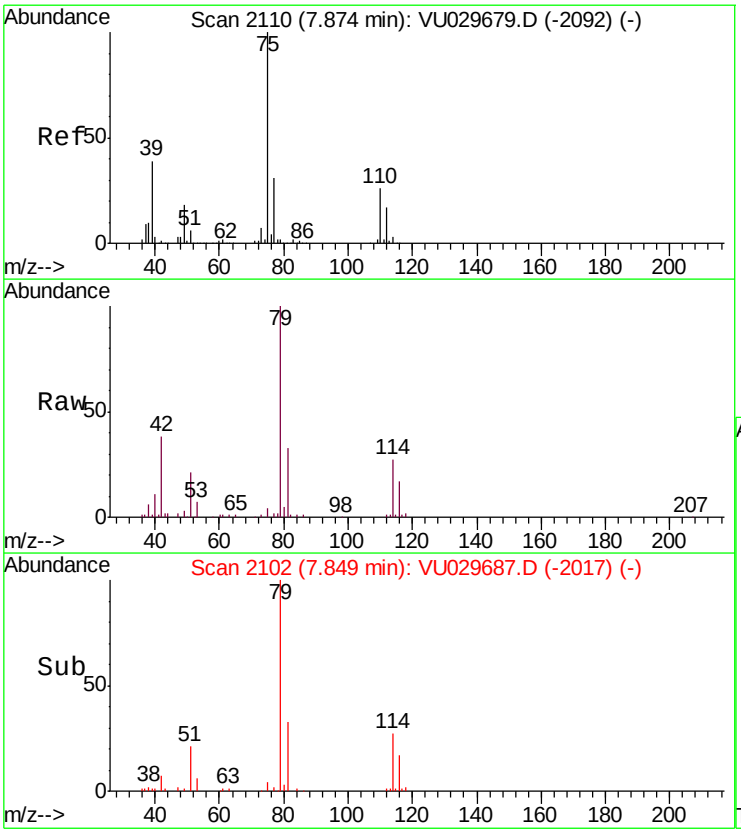


#39
cis-1,3-Dichloropropene
Concen: 0.990 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 75 Resp: 4806

Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.3	41.5#

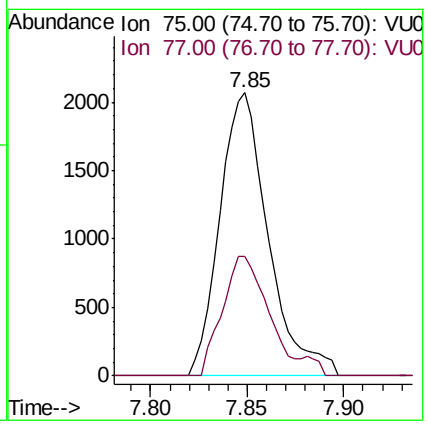


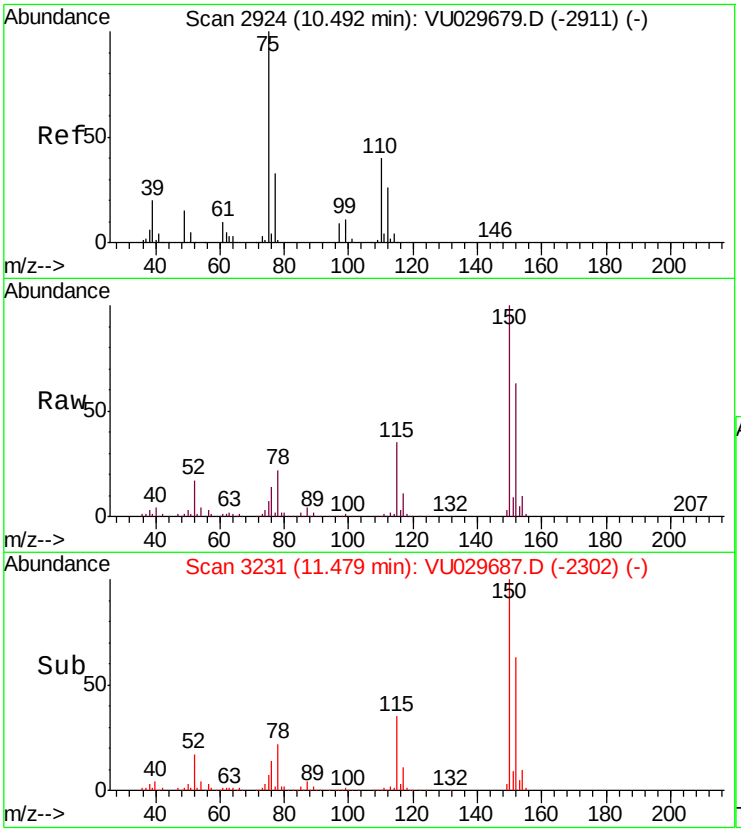


#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 75 Resp: 3607

Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.229 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029687.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 75 Resp: 22432

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.7	38.5