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

Quantitation Report (Not Reviewed)

Data File : VU029781.D
Acq On : 04 Mar 2019 13:37
Operator : JC/SP
Sample : K1661-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC83

Quant Time: Mar 05 00:40:50 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	447196	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	428630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207842	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	124785	38.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.16%			
7) Chloroethane-d5	1.68	69	111157	38.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.32%			
11) 1,1-Dichloroethene-d2	2.27	63	188134	29.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.74%#			
21) 2-Butanone-d5	4.17	46	223581	112.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.12%			
24) Chloroform-d	4.65	84	258219	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.16%			
26) 1,2-Dichloroethane-d4	5.31	65	159804	47.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.98%			
32) Benzene-d6	5.34	84	542338	50.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.56%			
36) 1,2-Dichloropropane-d6	6.33	67	173264	53.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.80%			
41) Toluene-d8	7.56	98	498184	45.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.52%			
43) trans-1,3-Dichloropropene-	7.85	79	77503	45.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.06%			
47) 2-Hexanone-d5	8.31	63	186849	103.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271556	49.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	214835	47.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.92%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2176	0.699	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	2144	0.724	ug/L #	1
13) Acetone	2.32	43	5873	2.756	ug/L	100
25) Chloroform	4.67	83	4632	0.878	ug/L	83
39) cis-1,3-Dichloropropene	7.22	75	4151	0.892	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	3099	0.707	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	21345	5.189	ug/L	94

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

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QLast Update : Tue Mar 05 00:37:02 2019
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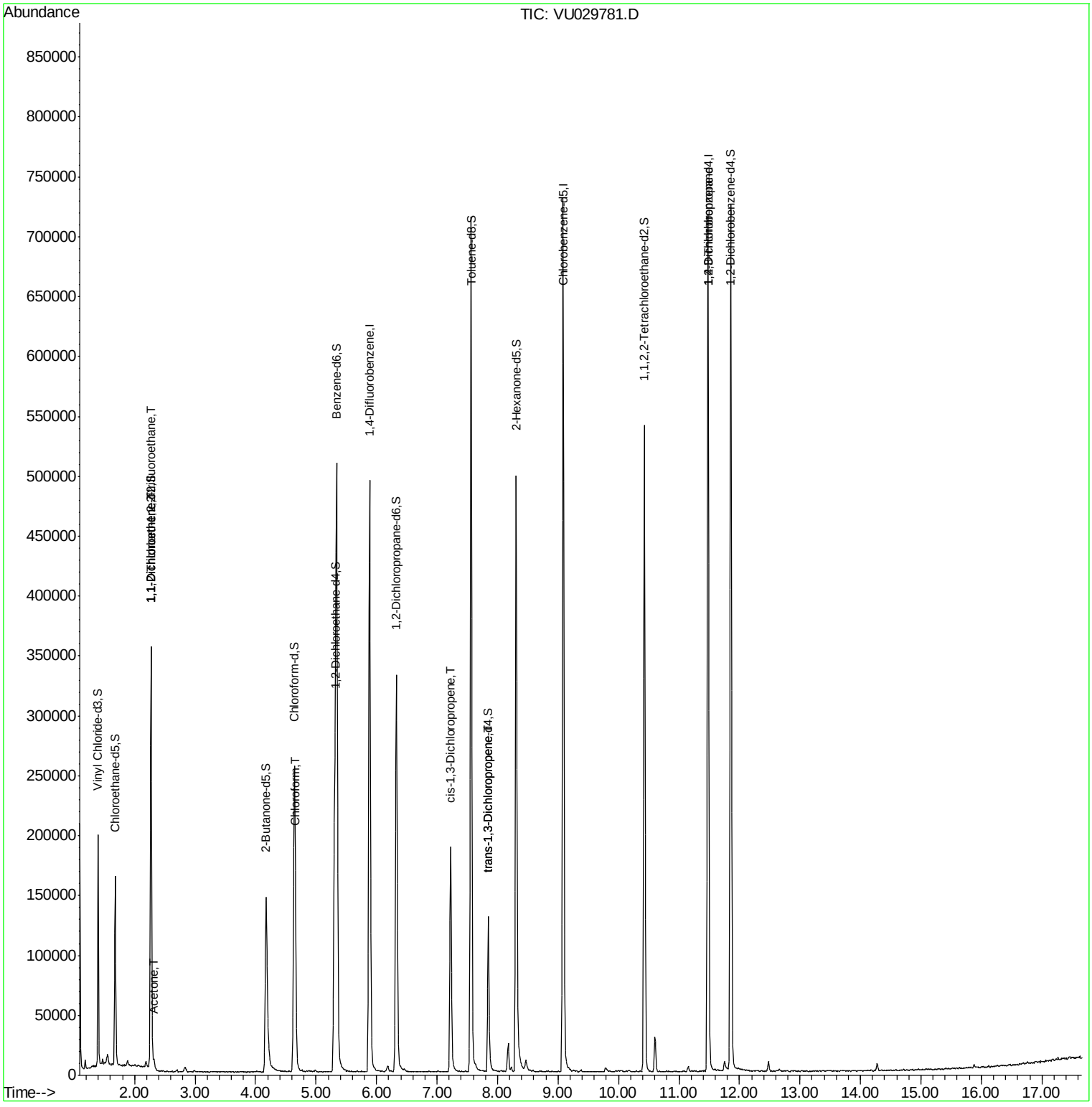
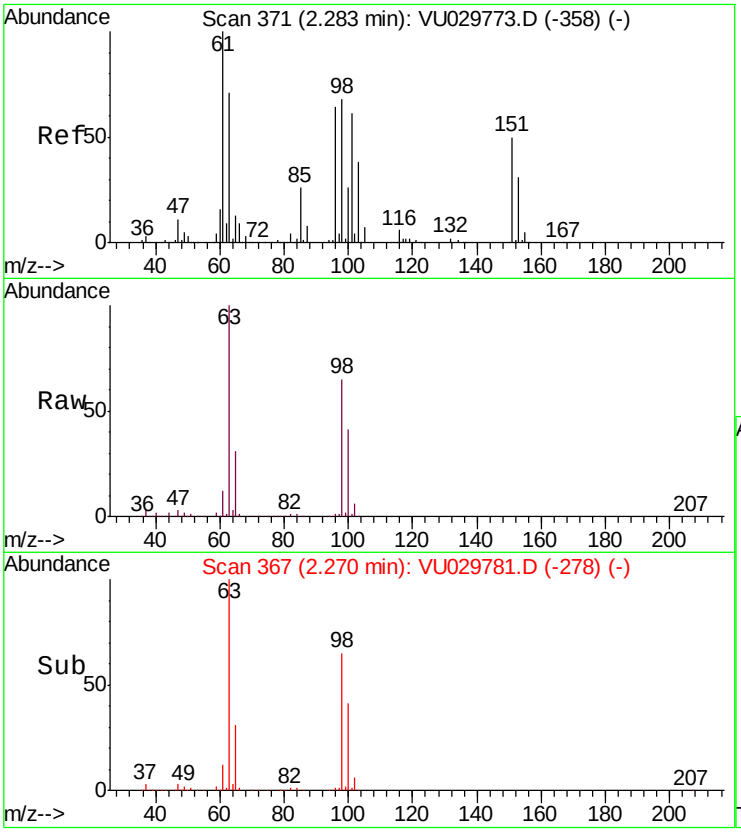


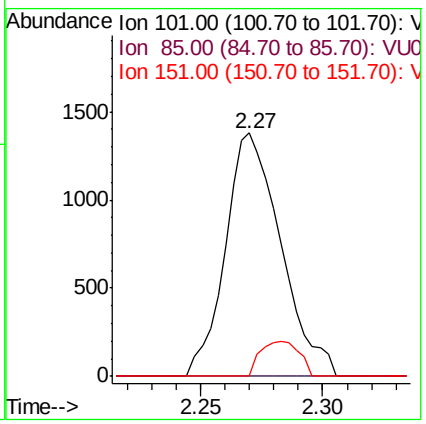


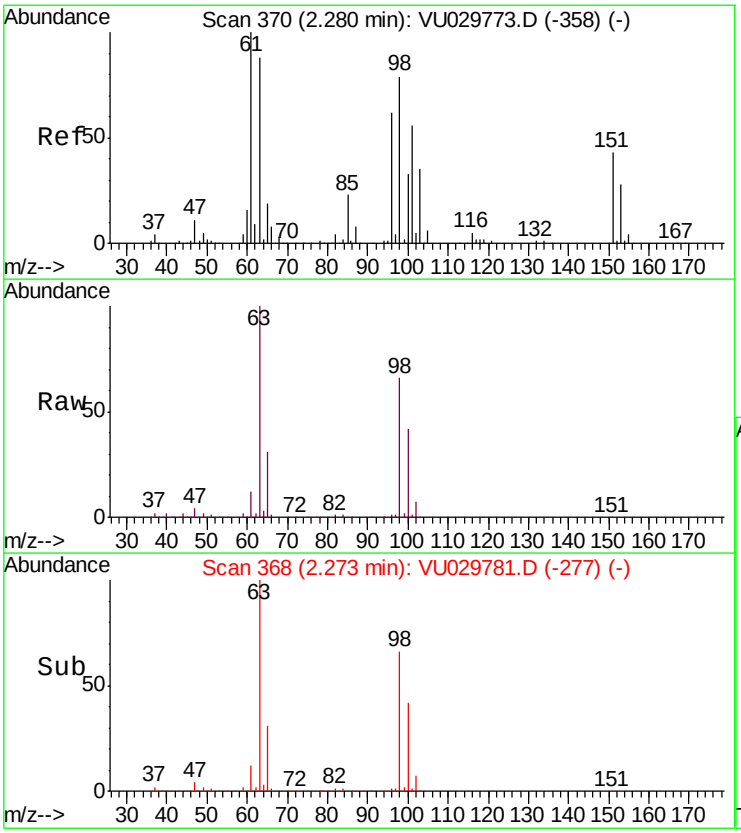
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.699 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFC83

Tgt Ion:101 Resp: 2176

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	10.0	65.7	98.5#

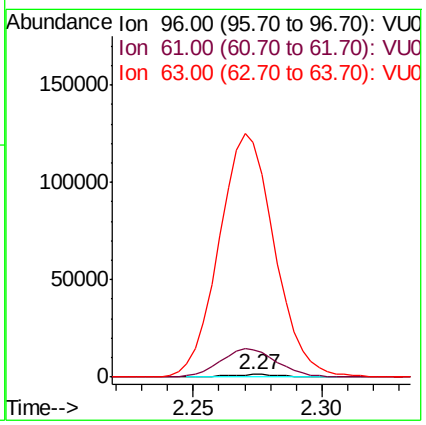


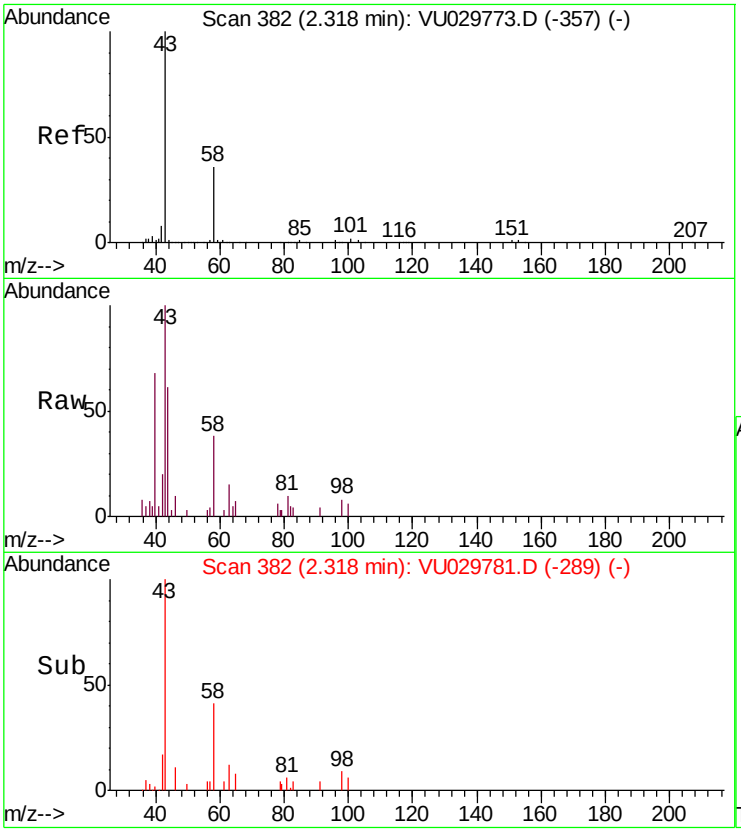


#12
1,1-Dichloroethene
Concen: 0.724 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Tgt Ion: 96 Resp: 2144

Ion	Ratio	Lower	Upper
96	100		
61	1139.8	114.0	211.8#
63	9600.0	98.7	183.3#



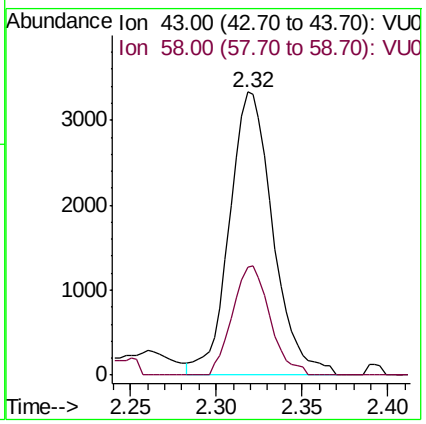


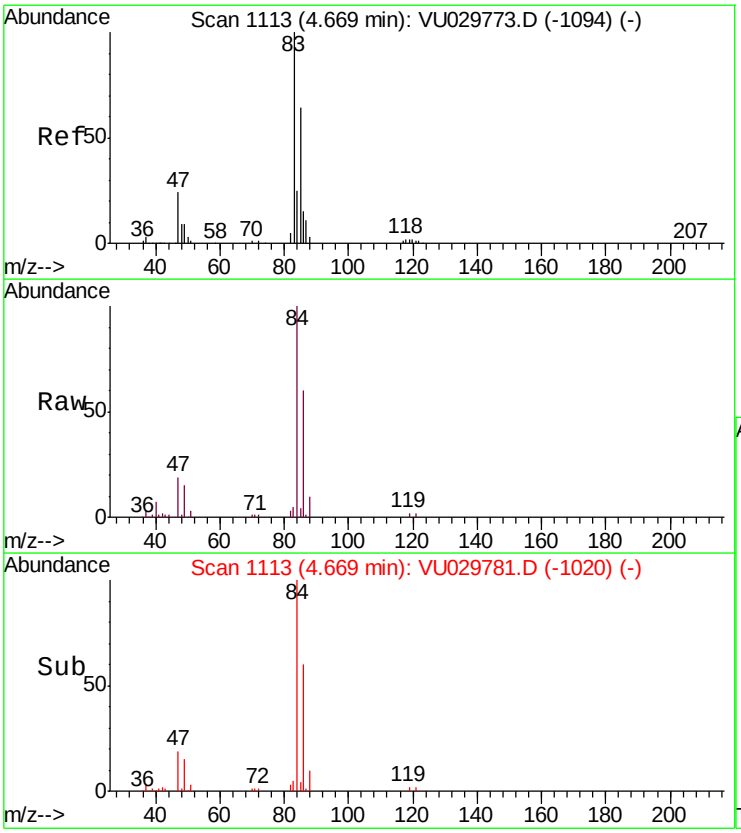
#13
Acetone
Concen: 2.756 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Instrument : MSVOA_U
ClientSampleId : BFC83

Tgt Ion: 43 Resp: 5873

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	66.8

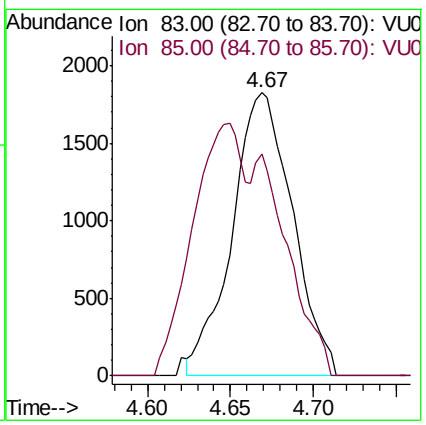


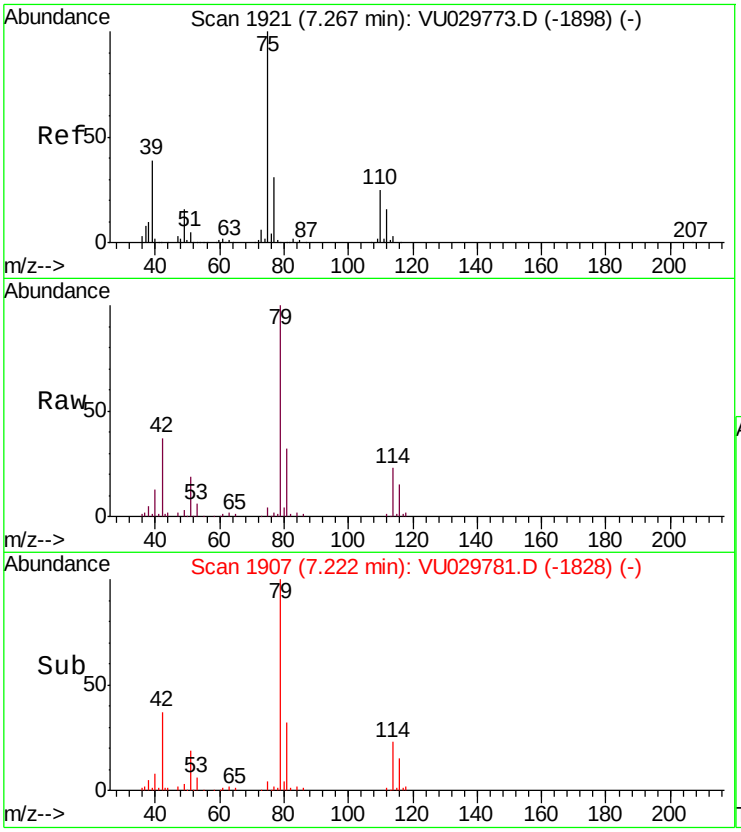


#25
Chloroform
Concen: 0.878 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Tgt Ion: 83 Resp: 4632

Ion	Ratio	Lower	Upper
83	100		
85	78.3	45.4	84.2



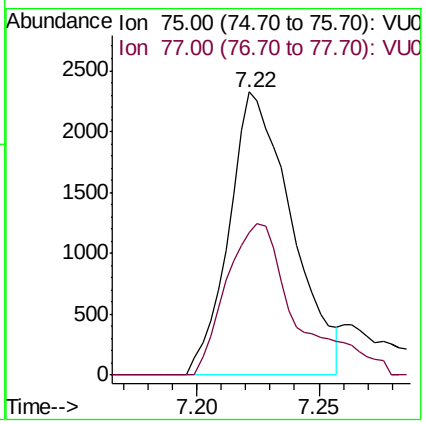


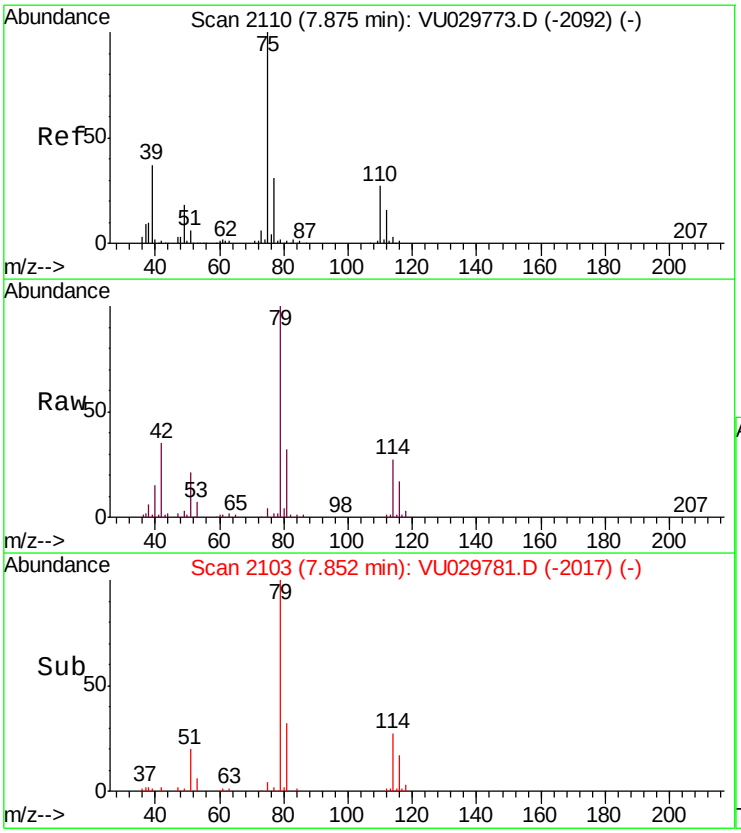
#39
cis-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFC83

Tgt Ion: 75 Resp: 4151

Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.3	41.5#

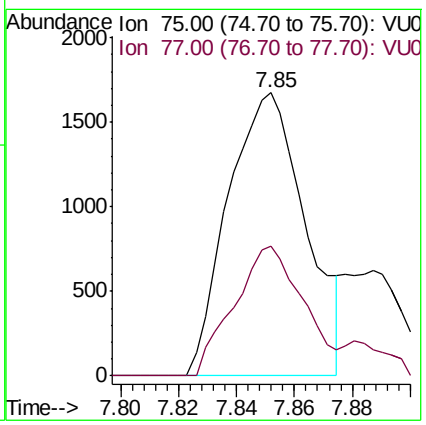


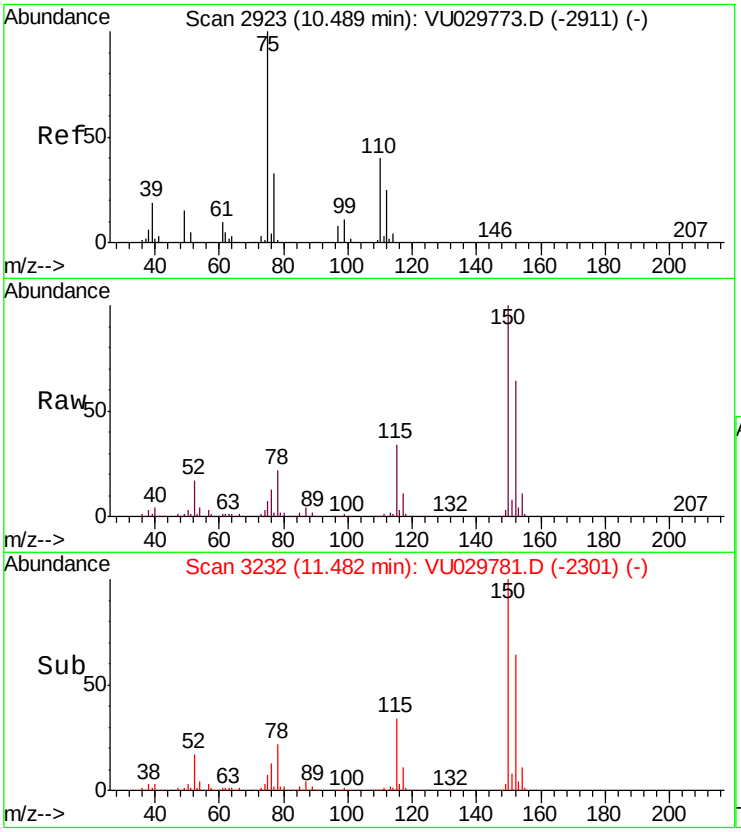


#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Tgt Ion: 75 Resp: 3099

Ion	Ratio	Lower	Upper
75	100		
77	46.0	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.189 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029781.D
Acq: 04 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFC83

Tgt Ion: 75 Resp: 21345

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.7	38.5