Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

Quantitation Report (Not Reviewed)

Data File : VU029992.D
Acq On : 12 Mar 2019 01:43
Operator : JC/SP
Sample : K1796-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5Q7

Quant Time: Mar 12 07:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	520454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238389	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	146156	42.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.92%			
7) Chloroethane-d5	1.68	69	125758	45.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.50%			
11) 1,1-Dichloroethene-d2	2.27	63	213327	34.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.66%			
21) 2-Butanone-d5	4.17	46	254208	98.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.56%			
24) Chloroform-d	4.65	84	292391	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%			
26) 1,2-Dichloroethane-d4	5.31	65	176387	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.88%			
32) Benzene-d6	5.34	84	644004	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.74%			
36) 1,2-Dichloropropane-d6	6.33	67	199078	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.76%			
41) Toluene-d8	7.56	98	591270	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.78%			
43) trans-1,3-Dichloropropene-	7.85	79	89557	47.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.50%			
47) 2-Hexanone-d5	8.31	63	214621	98.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.03%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290110	48.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	237058	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2362	0.691	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1839	0.564	ug/L #	1
13) Acetone	2.32	43	6826	2.263	ug/L	91
37) 1,2-Dichloropropane	6.33	63	19641	5.254	ug/L #	87
44) trans-1,3-Dichloropropene	7.84	75	3466	0.653	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	23965	4.922	ug/L	96

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

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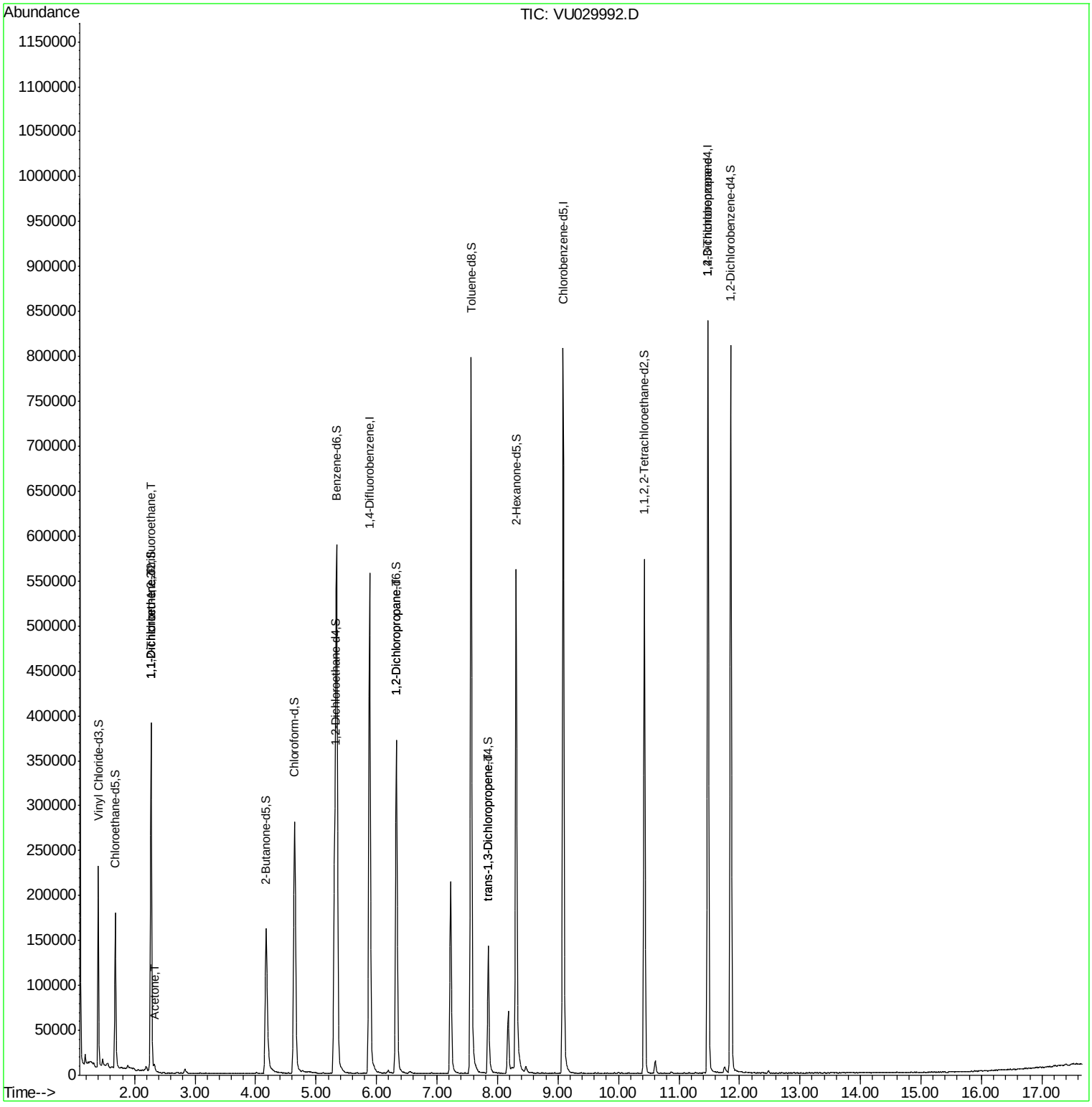
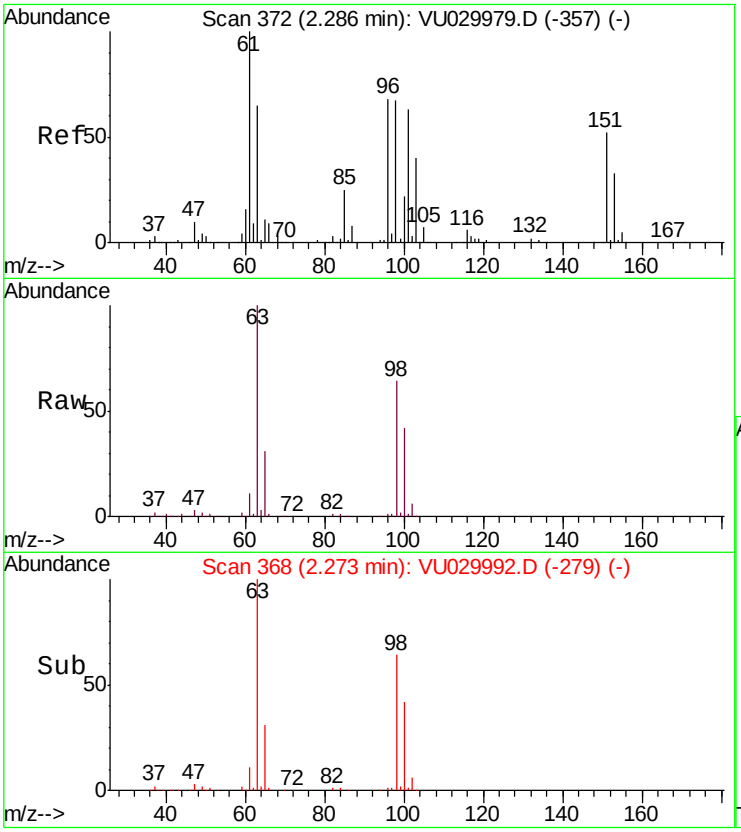


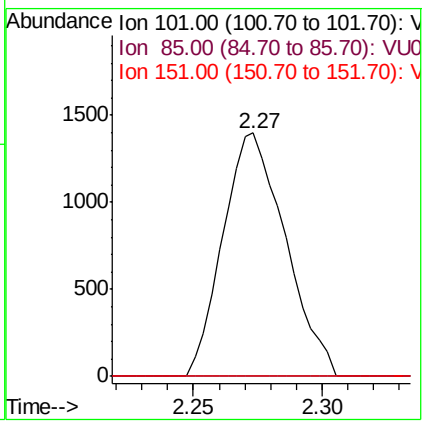


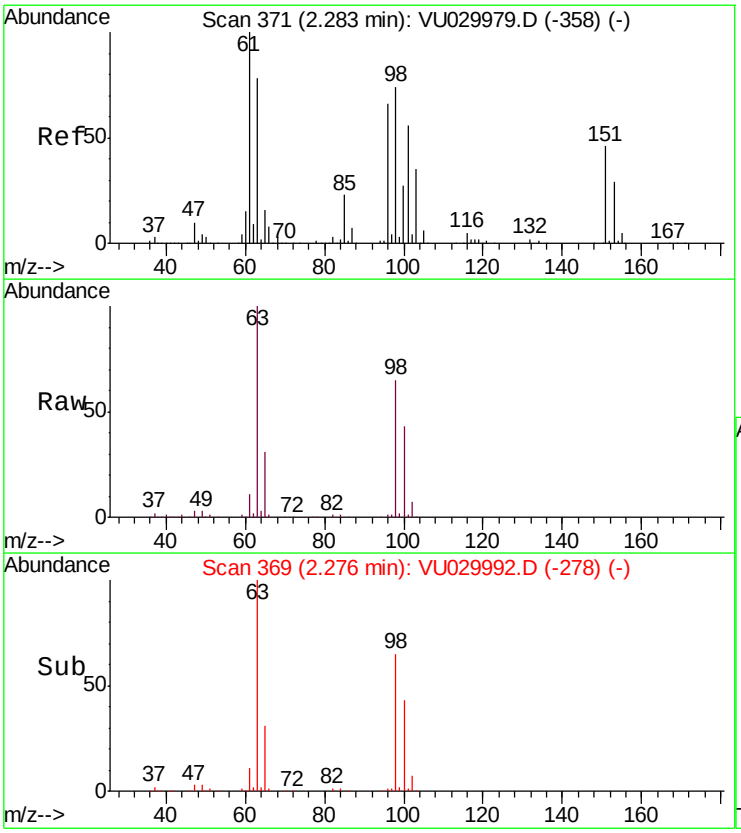
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.691 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Instrument :
MSVOA_U
ClientSampleId :
BF5Q7

Tgt Ion:101 Resp: 2362

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	0.0	66.1	99.1#

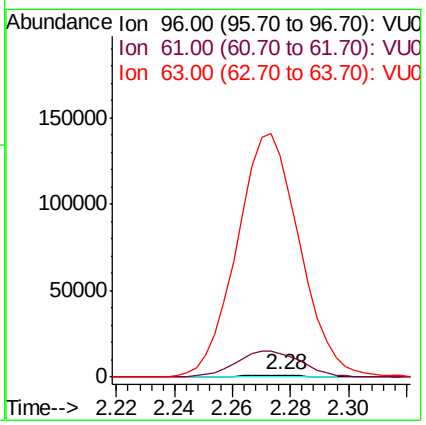


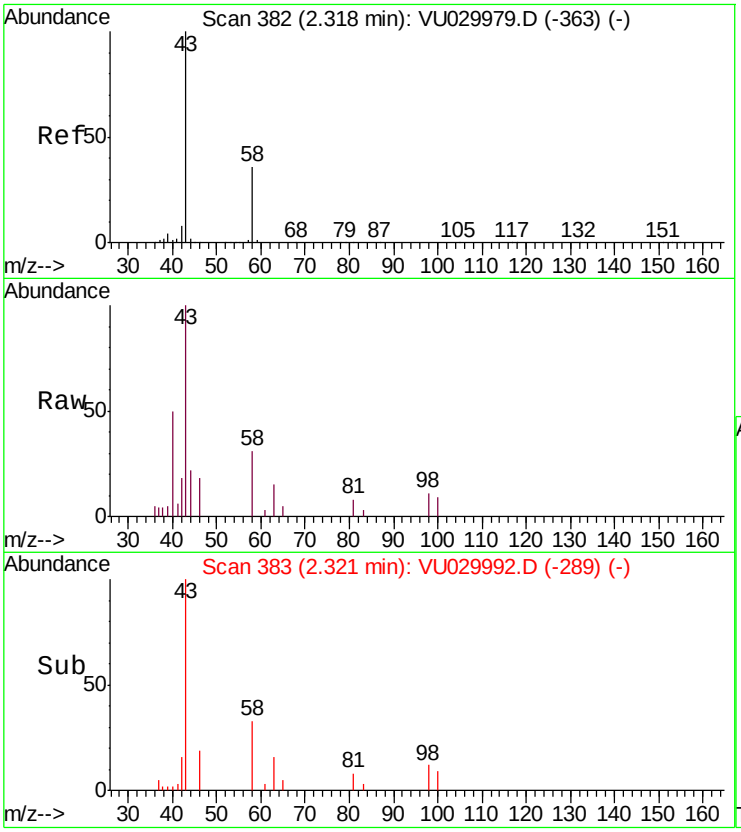


#12
1,1-Dichloroethene
Concen: 0.564 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Tgt Ion: 96 Resp: 1839

Ion	Ratio	Lower	Upper
96	100		
61	1257.4	110.4	205.0#
63	11785.2	86.5	160.7#



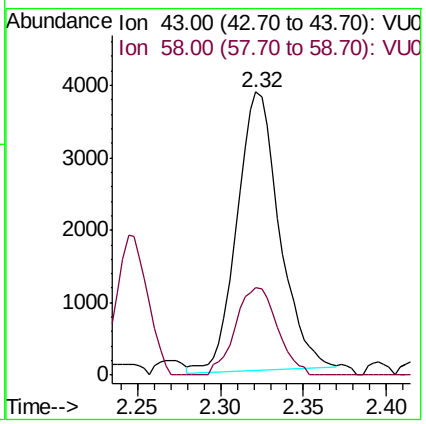


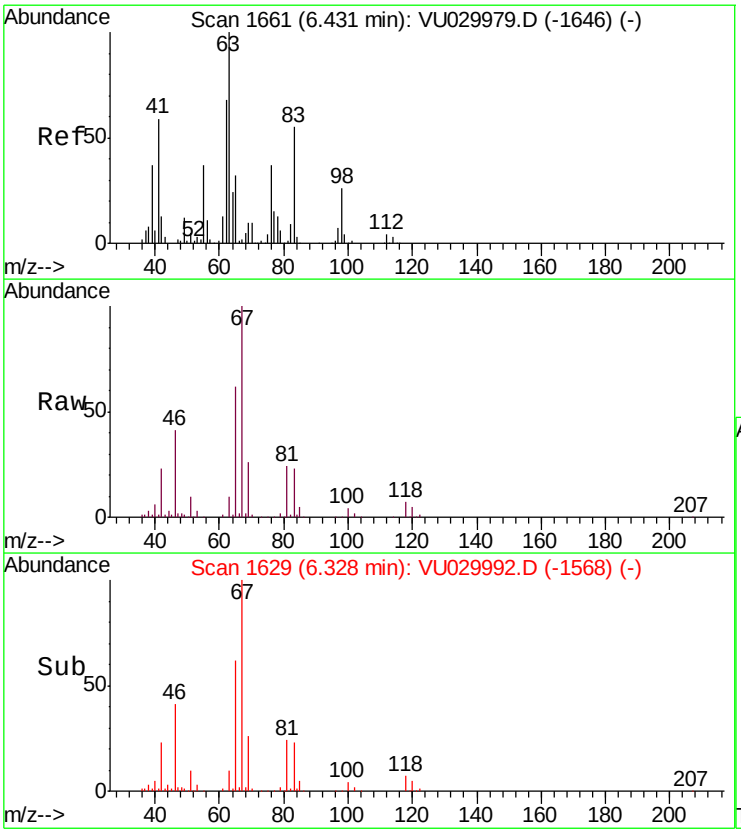
#13
Acetone
Concen: 2.263 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Instrument : MSVOA_U
ClientSampleId : BF5Q7

Tgt Ion: 43 Resp: 6826

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	73.0

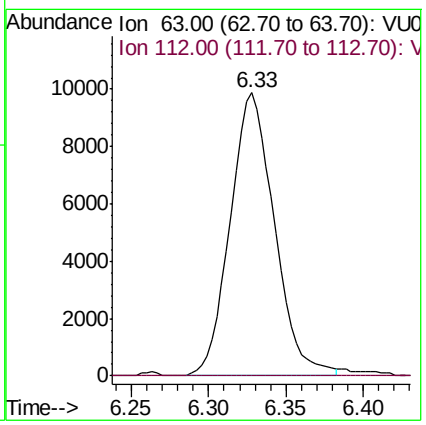


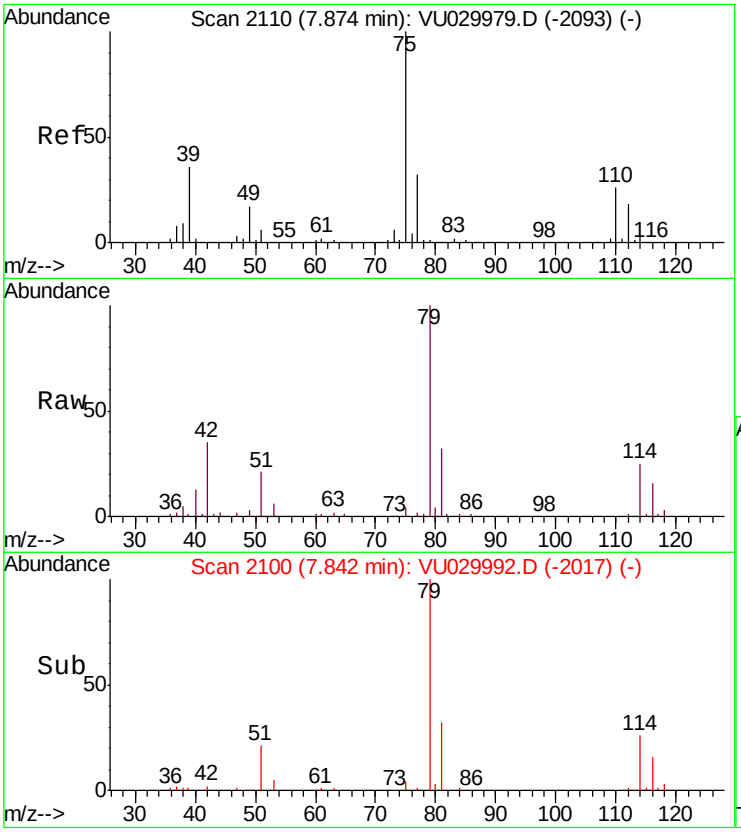


#37
1,2-Dichloropropane
Concen: 5.254 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Tgt Ion: 63 Resp: 19641

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



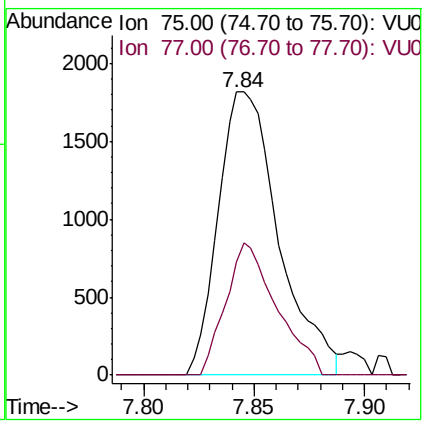


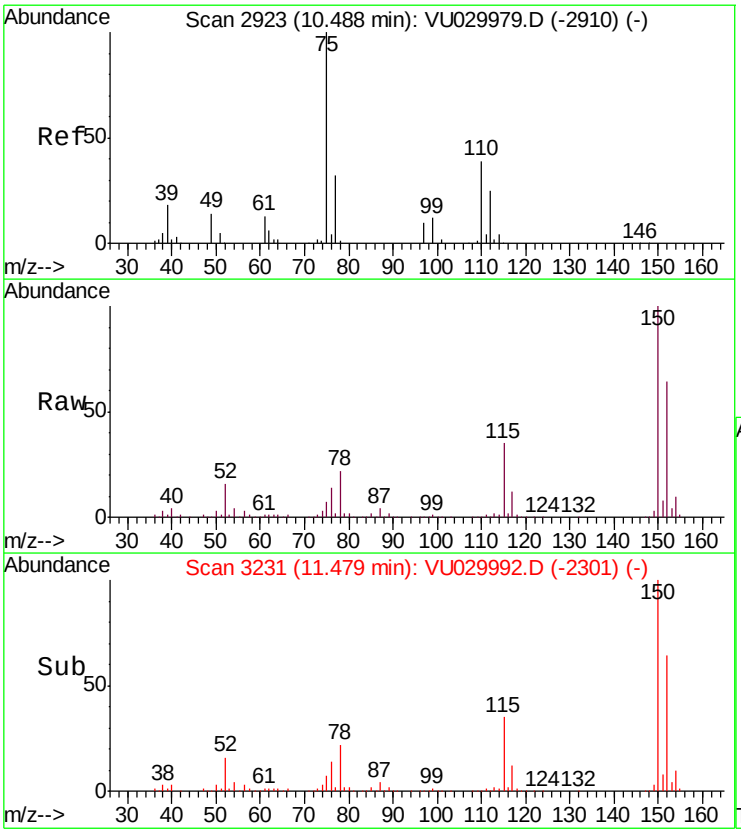
#44
trans-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Instrument :
MSVOA_U
ClientSampleId :
BF5Q7

Tgt Ion: 75 Resp: 3466

Ion	Ratio	Lower	Upper
75	100		
77	39.9	21.9	40.7





#59
1,2,3-Trichloropropane
Concen: 4.922 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029992.D
Acq: 12 Mar 2019 01:43

Tgt Ion: 75 Resp: 23965

Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.8	38.8