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

Quantitation Report (Not Reviewed)

Data File : VU029981.D
Acq On : 11 Mar 2019 21:28
Operator : JC/SP
Sample : K1796-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5R6

Quant Time: Mar 12 07:09:53 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	542438	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	518919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249738	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	184094	51.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.62%			
7) Chloroethane-d5	1.68	69	148847	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.78%			
11) 1,1-Dichloroethene-d2	2.27	63	244952	37.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.64%			
21) 2-Butanone-d5	4.17	46	272155	101.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.24%			
24) Chloroform-d	4.65	84	317078	49.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.54%			
26) 1,2-Dichloroethane-d4	5.31	65	189382	50.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.86%			
32) Benzene-d6	5.34	84	698115	52.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.52%			
36) 1,2-Dichloropropane-d6	6.33	67	211682	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.56%			
41) Toluene-d8	7.56	98	640381	51.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.40%			
43) trans-1,3-Dichloropropene-	7.85	79	95335	48.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.28%			
47) 2-Hexanone-d5	8.31	63	228569	99.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309111	49.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	254718	52.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.30%			
Target Compounds						Qvalue
8) Chloroethane	1.41	64	5458	2.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3177	0.892	ug/L #	30
12) 1,1-Dichloroethene	2.27	96	2187	0.643	ug/L #	1
13) Acetone	2.32	43	3315	1.055	ug/L	75
39) cis-1,3-Dichloropropene	7.22	75	5371	0.884	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	4252	0.766	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	26037	5.119	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	2892	0.486	ug/L	88

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

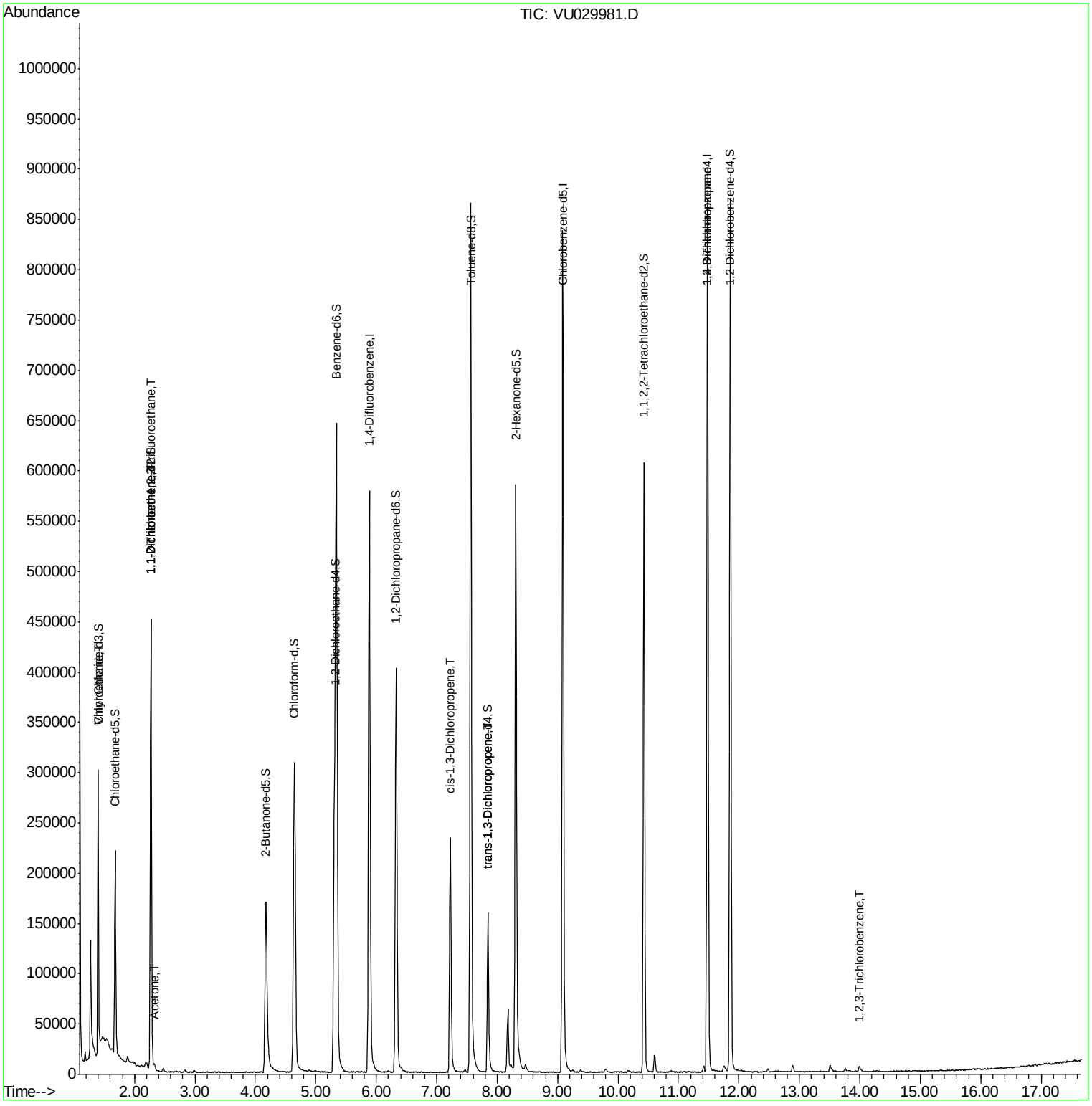
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

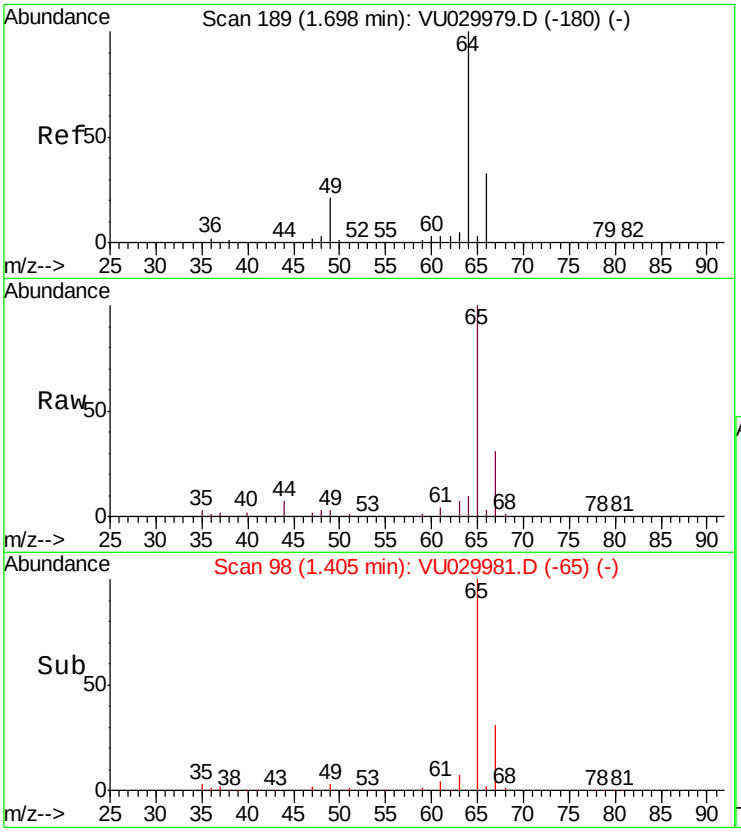
Quantitation Report (Not Reviewed)

Data File : VU029981.D
Acq On : 11 Mar 2019 21:28
Operator : JC/SP
Sample : K1796-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5R6

Quant Time: Mar 12 07:09:53 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



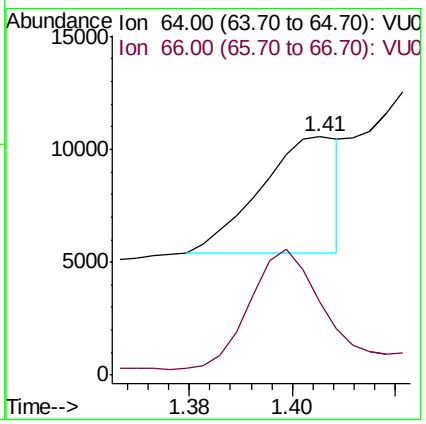


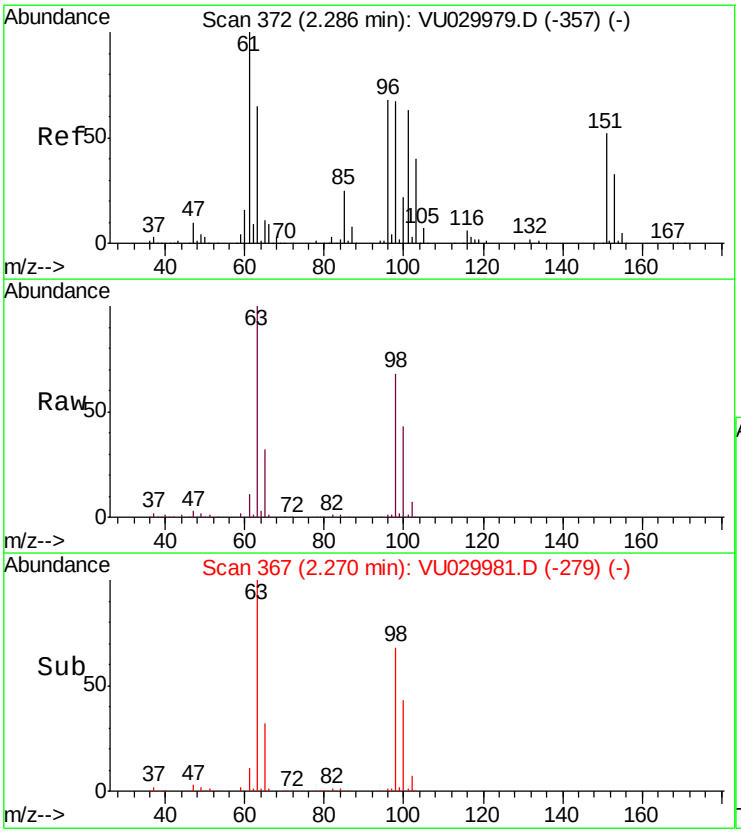
#8
Chloroethane
Concen: 2.009 ug/L
RT: 1.41 min Scan# 98
Delta R.T. -0.29 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
BF5R6

Tgt Ion: 64 Resp: 5458

Ion	Ratio	Lower	Upper
64	100		
66	30.7	21.3	39.6

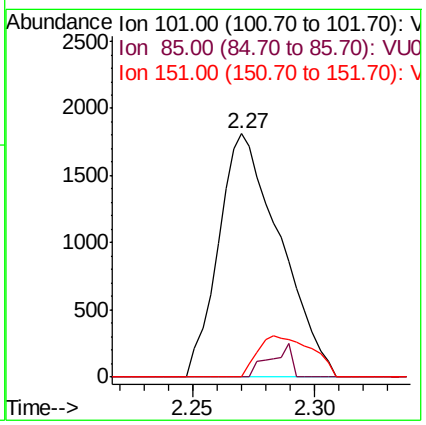


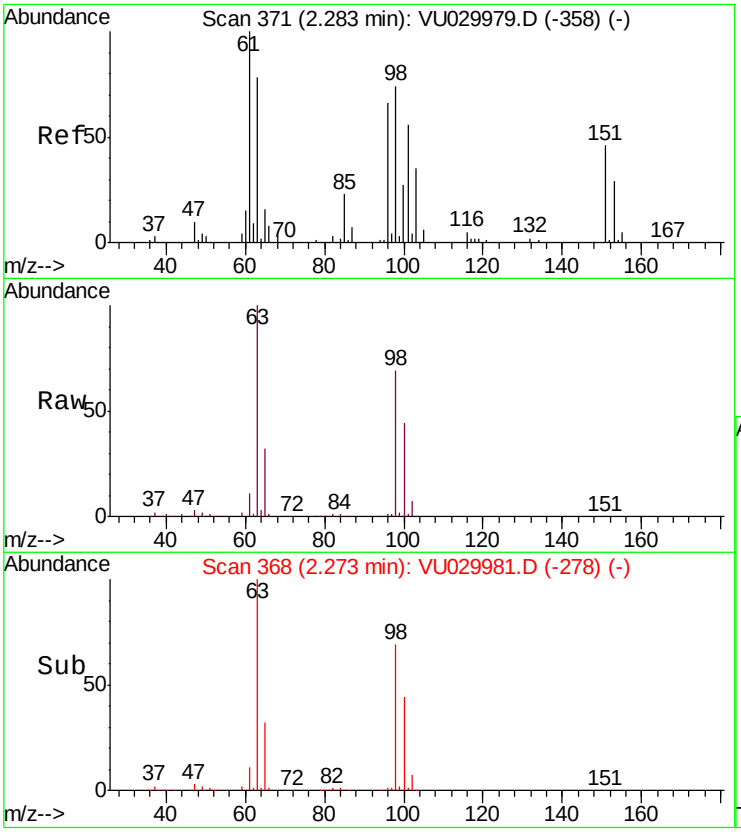


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.892 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Tgt Ion:101 Resp: 3177

Ion	Ratio	Lower	Upper
101	100		
85	4.7	33.0	49.4#
151	14.7	66.1	99.1#



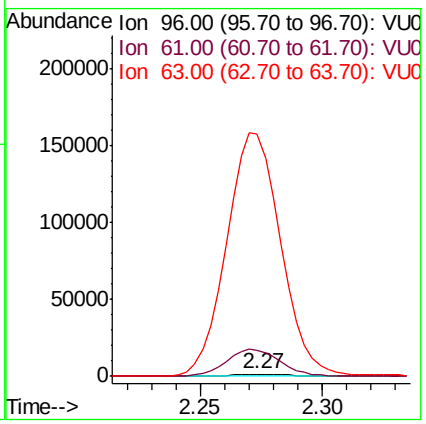


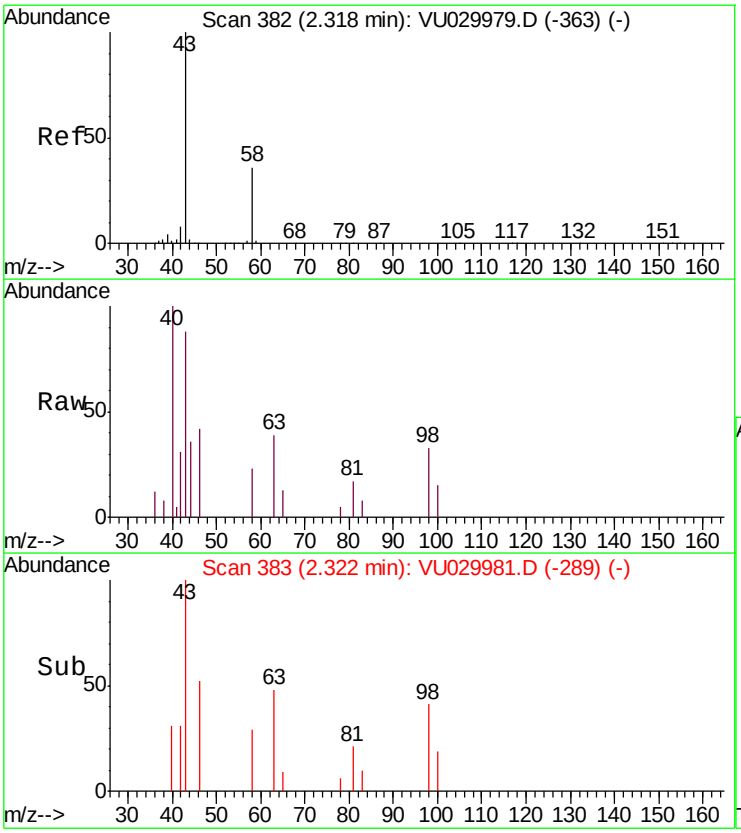
#12
1,1-Dichloroethene
Concen: 0.643 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Instrument : MSVOA_U
ClientSampleId : BF5R6

Tgt Ion: 96 Resp: 2187

Ion	Ratio	Lower	Upper
96	100		
61	1237.2	110.4	205.0#
63	11724.6	86.5	160.7#

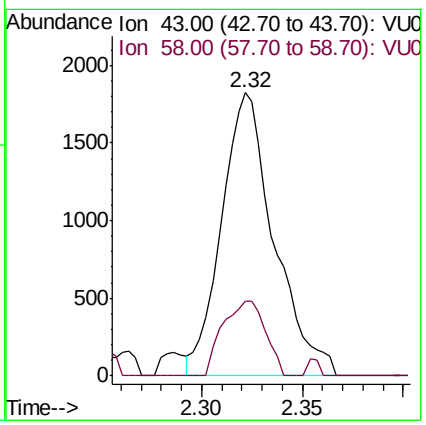


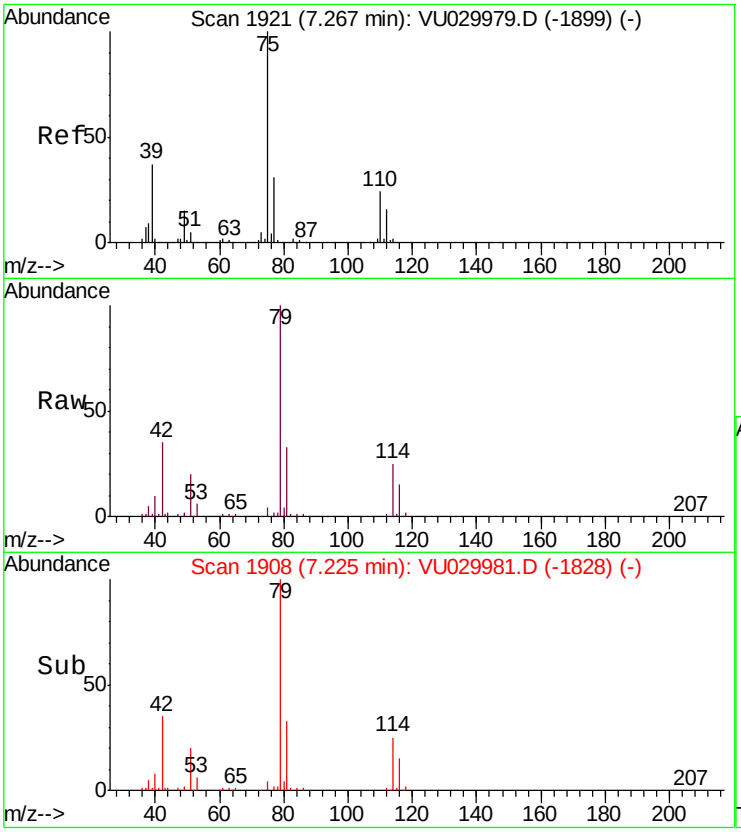


#13
Acetone
Concen: 1.055 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Tgt Ion: 43 Resp: 3315

Ion	Ratio	Lower	Upper
43	100		
58	21.5	0.0	73.0



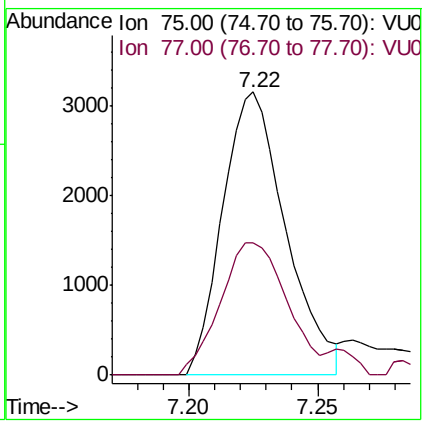


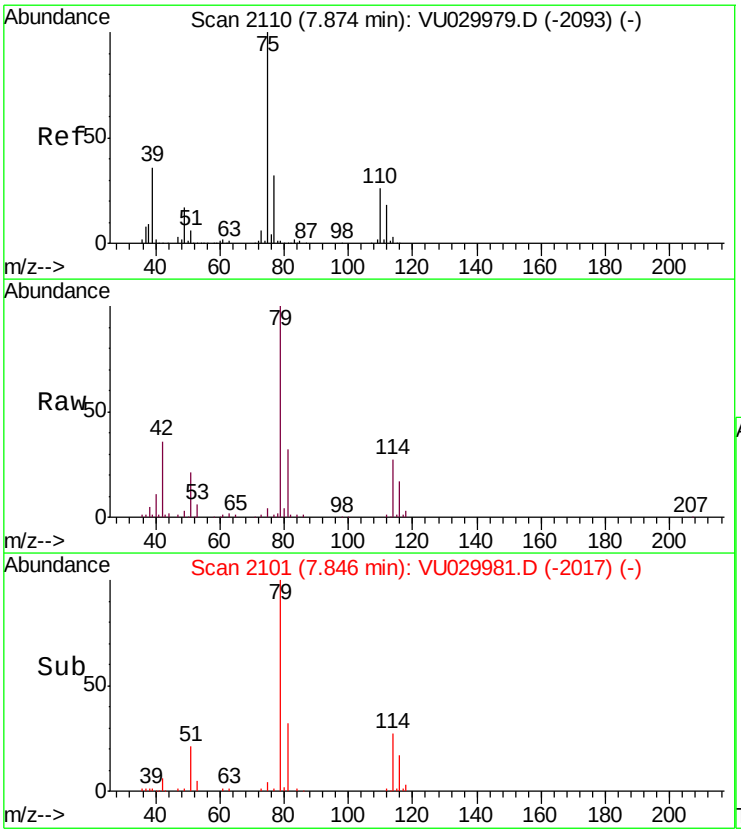
#39
cis-1,3-Dichloropropene
Concen: 0.884 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
BF5R6

Tgt Ion: 75 Resp: 5371

Ion	Ratio	Lower	Upper
75	100		
77	46.7	22.2	41.2#

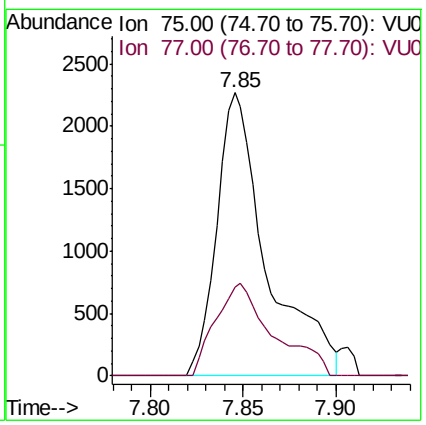


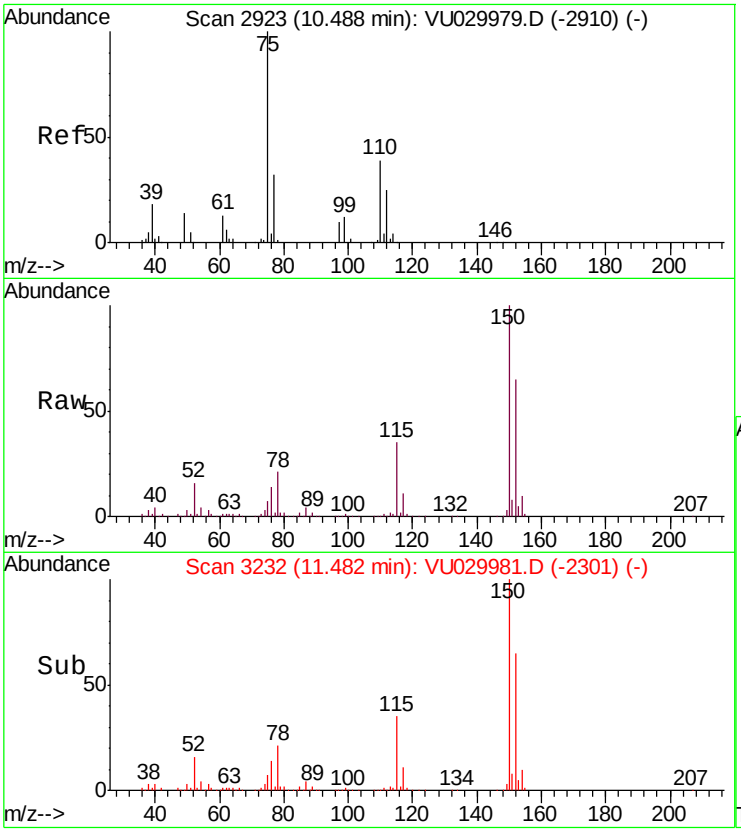


#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Tgt Ion: 75 Resp: 4252

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.9	40.7



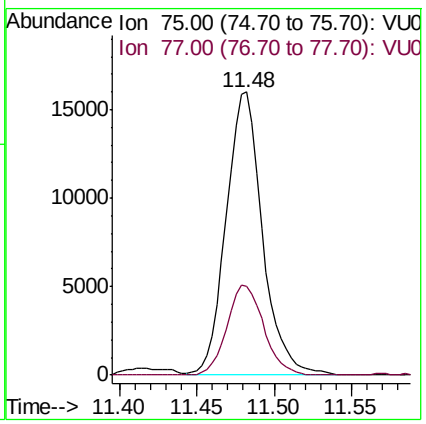


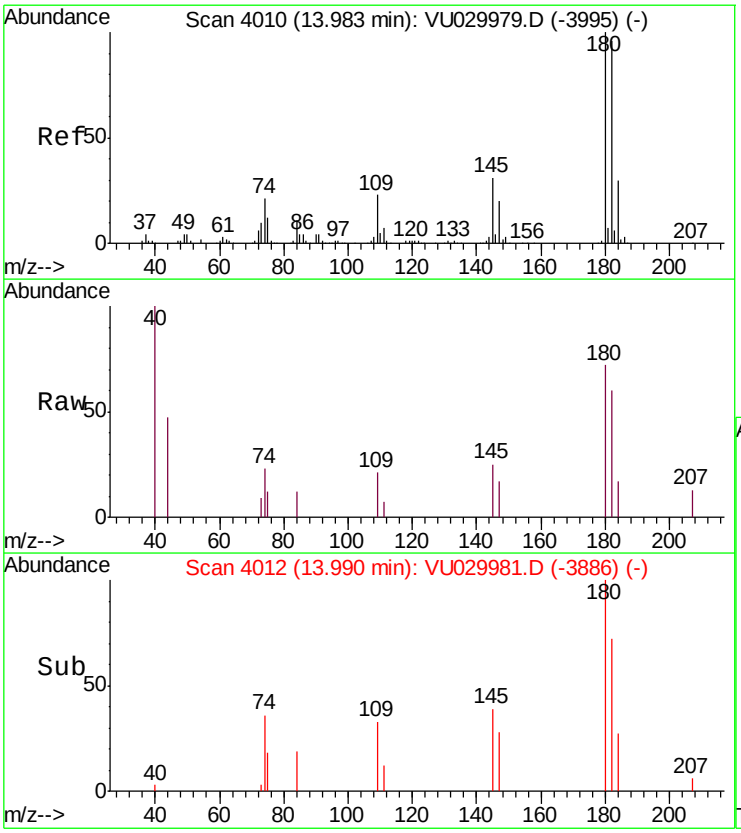
#59
1,2,3-Trichloropropane
Concen: 5.119 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
BF5R6

Tgt Ion: 75 Resp: 26037

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8





#70
1,2,3-Trichlorobenzene
Concen: 0.486 ug/L
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU029981.D
Acq: 11 Mar 2019 21:28

Tgt Ion:180 Resp: 2892

Ion	Ratio	Lower	Upper
180	100		
182	81.4	75.9	113.9
145	25.7	24.0	36.0