Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Not Reviewed)

Data File : VU031601.D
Acq On : 29 Apr 2019 21:44
Operator : JC/SP
Sample : K2592-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ5

Quant Time: Apr 30 04:53:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	648586	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	630168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228657	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	346779	63.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 127.76%			
7) Chloroethane-d5	1.68	69	246108	58.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.34%			
11) 1,1-Dichloroethene-d2	2.27	63	479487	44.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.72%			
21) 2-Butanone-d5	4.18	46	549593	111.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.75%			
24) Chloroform-d	4.64	84	521945	52.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.30	65	350608	53.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.96%			
32) Benzene-d6	5.34	84	1040347	53.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.52%			
36) 1,2-Dichloropropane-d6	6.32	67	362189	53.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.40%			
41) Toluene-d8	7.56	98	832001	49.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.72%			
43) trans-1,3-Dichloropropene-	7.85	79	145990	49.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.90%			
47) 2-Hexanone-d5	8.31	63	303421	102.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447320	48.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.92%			
64) 1,2-Dichlorobenzene-d4	11.86	152	252184	52.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.88%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	8760	0.952	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3698	0.711	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3081	0.609	ug/L #	1
13) Acetone	2.33	43	3187	0.575	ug/L	84
34) Trichloroethene	6.18	95	512673	91.285	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	5805	0.736	ug/L	83
46) Tetrachloroethene	8.22	164	19990	5.221	ug/L	97
48) 2-Hexanone	8.37	43	27636	3.377	ug/L #	47

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Not Reviewed)

Data File : VU031601.D
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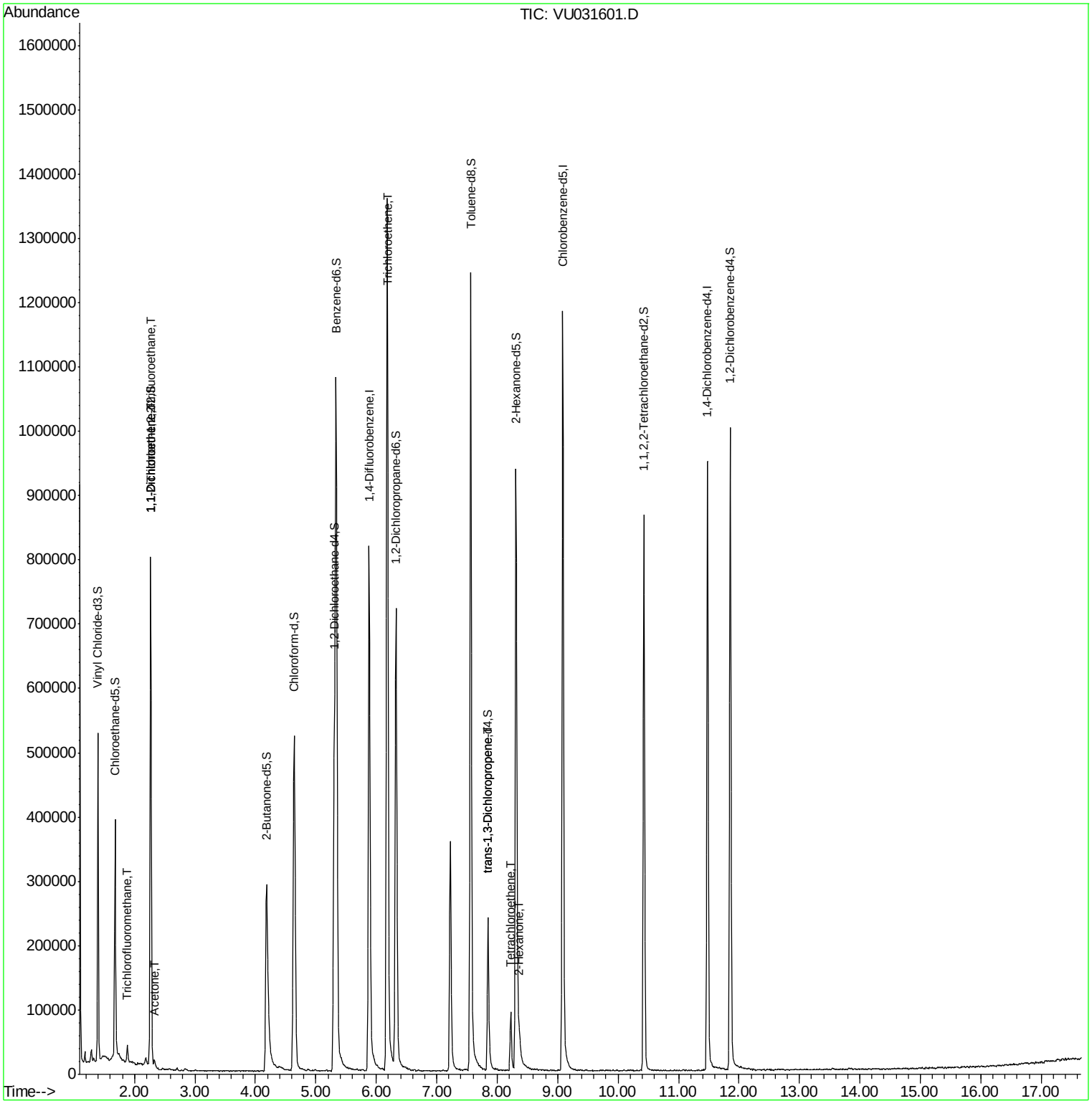
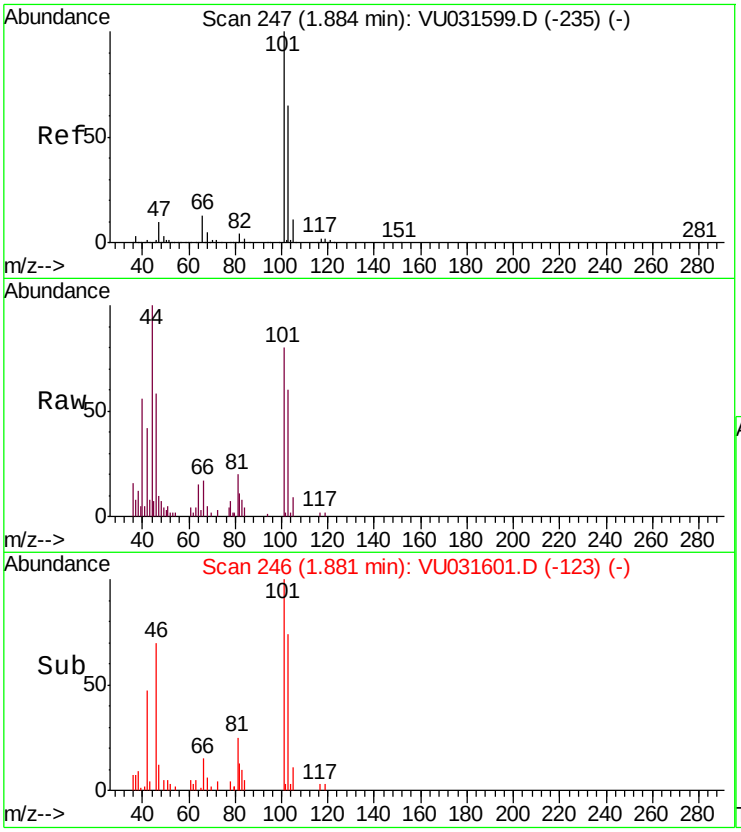
Operator : JC/SP
Sample : K2592-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Quant Time: Apr 30 04:53:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration



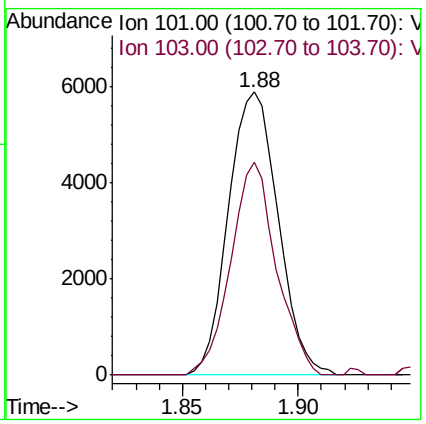


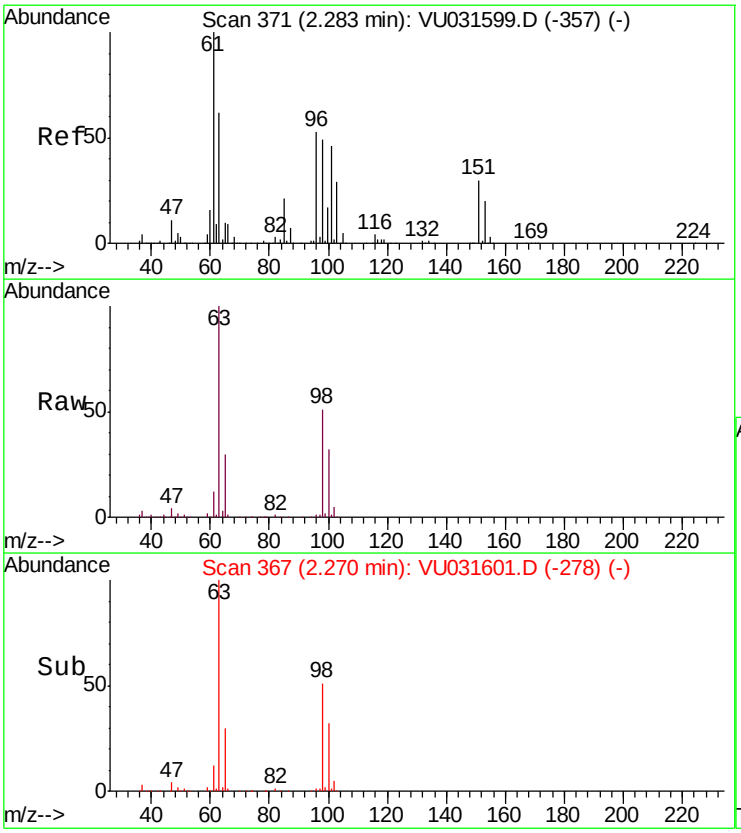
#9
Trichlorofluoromethane
Concen: 0.952 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Tgt Ion:101 Resp: 8760

Ion	Ratio	Lower	Upper
101	100		
103	69.0	50.8	76.2

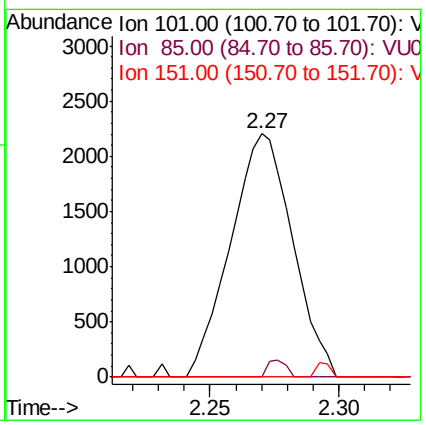


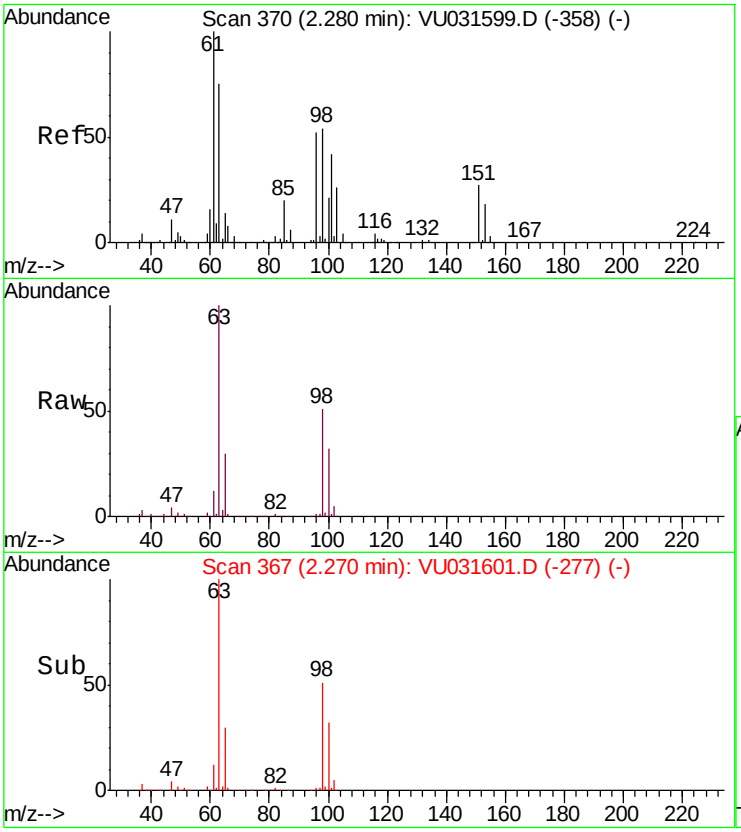


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.711 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Tgt Ion:101 Resp: 3698

Ion	Ratio	Lower	Upper
101	100		
85	2.1	36.1	54.1#
151	1.3	56.1	84.1#



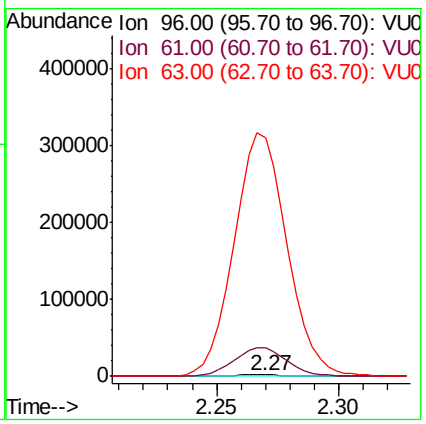


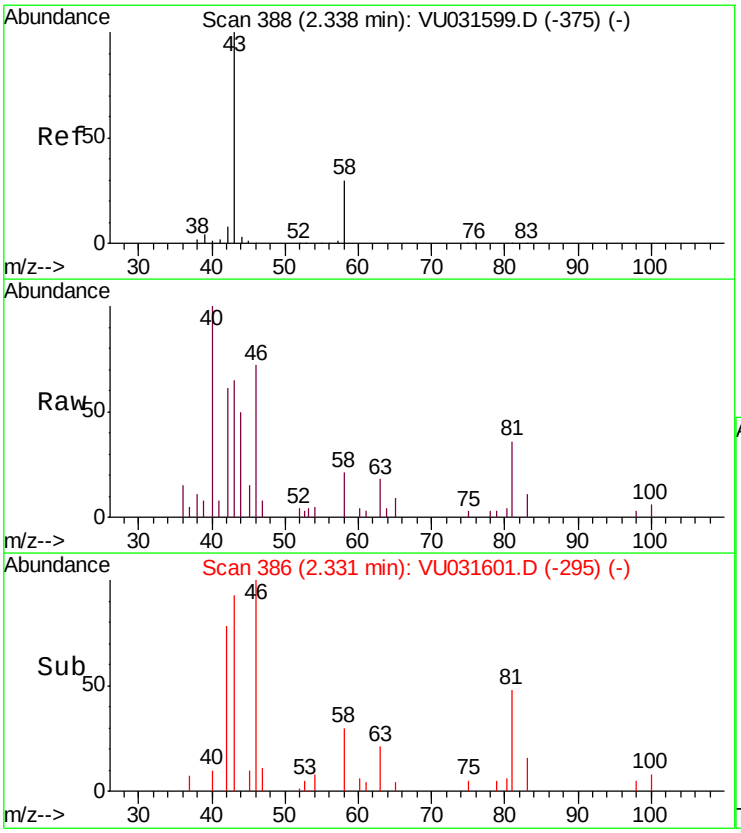
#12
1,1-Dichloroethene
Concen: 0.609 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Tgt Ion: 96 Resp: 3081

Ion	Ratio	Lower	Upper
96	100		
61	1996.3	135.0	250.6#
63	16896.1	103.5	192.3#

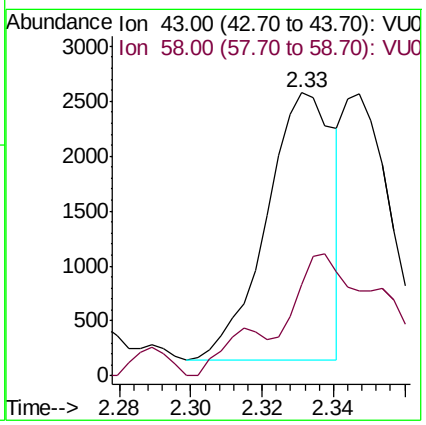


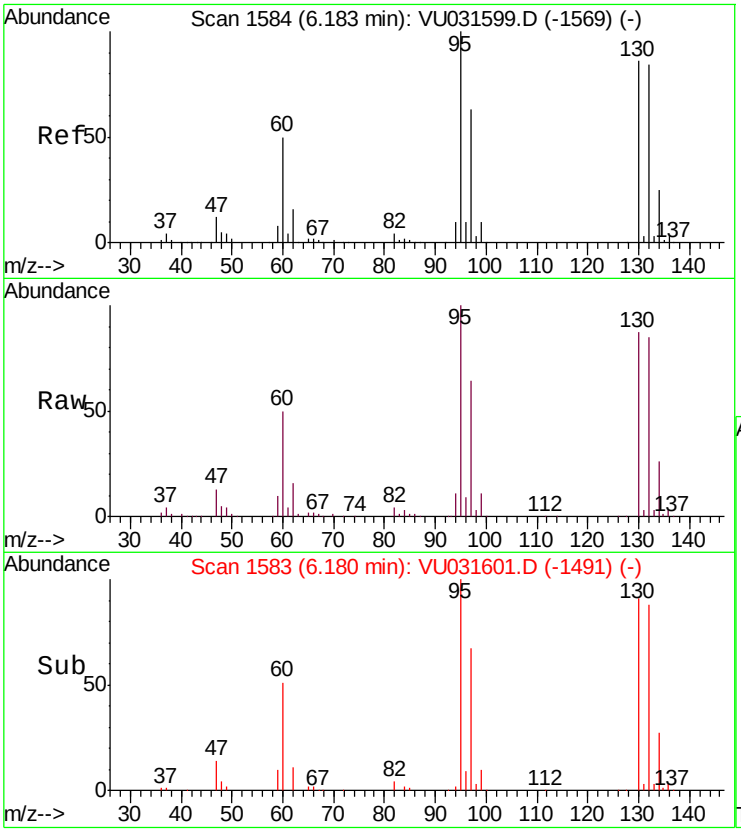


#13
Acetone
Concen: 0.575 ug/L
RT: 2.33 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Tgt Ion: 43 Resp: 3187

Ion	Ratio	Lower	Upper
43	100		
58	23.1	0.0	64.4



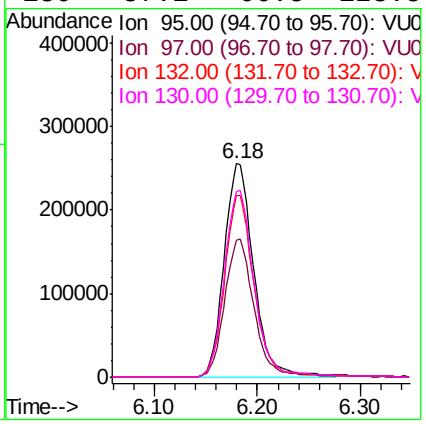


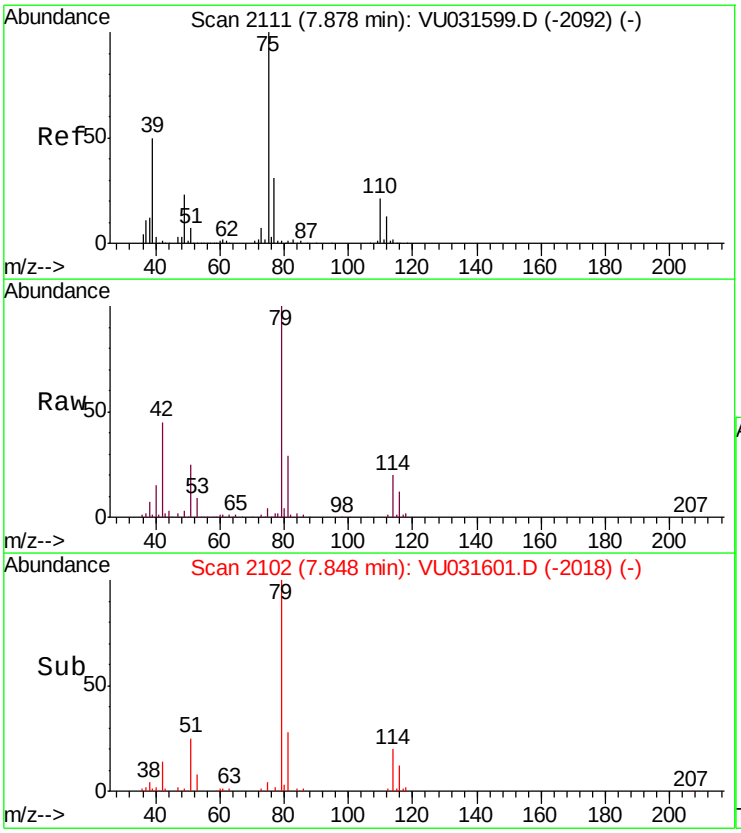
#34
Trichloroethene
Concen: 91.285 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Tgt Ion: 95 Resp: 512673

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	85.1	63.1	117.1
130	87.1	66.5	123.5

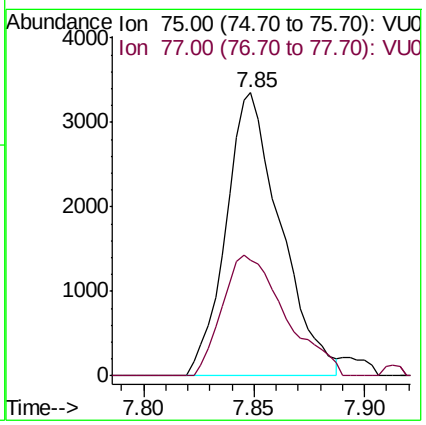


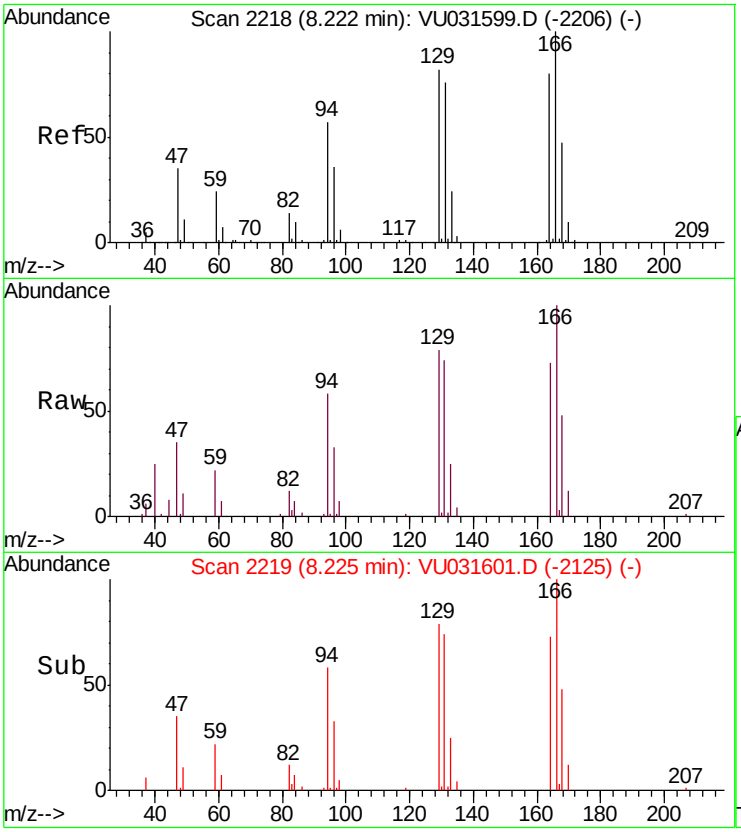


#44
trans-1,3-Dichloropropene
Concen: 0.736 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Tgt Ion: 75 Resp: 5805

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.1	41.1



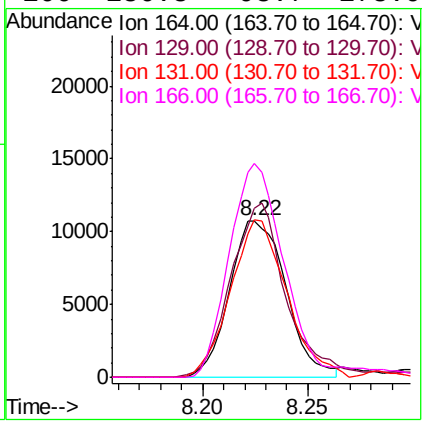


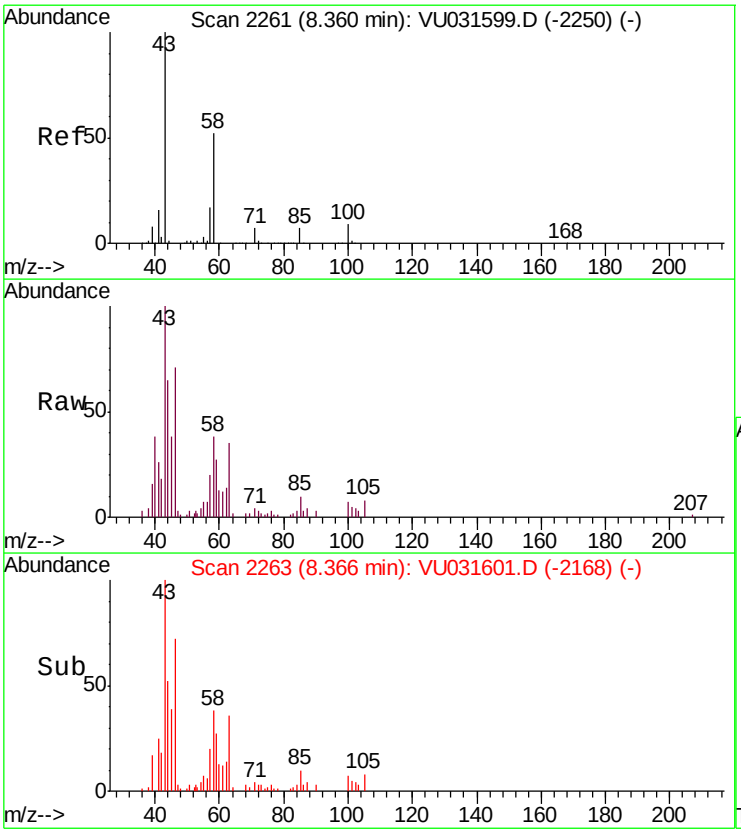
#46
Tetrachloroethene
Concen: 5.221 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Tgt Ion:164 Resp: 19990

Ion	Ratio	Lower	Upper
164	100		
129	107.8	71.5	132.9
131	100.8	69.0	128.2
166	136.3	93.7	173.9





#48
2-Hexanone
Concen: 3.377 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031601.D
Acq: 29 Apr 2019 21:44

Tgt Ion: 43 Resp: 27636

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	14.2	14.6	22.0#
100	4.3	7.2	10.8#