Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

Quantitation Report (Not Reviewed)

Data File : VU031434.D
Acq On : 23 Apr 2019 13:40
Operator : JC/SP
Sample : K2428-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X14

Quant Time: Apr 24 06:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	675514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256482	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	239602	43.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.54%			
7) Chloroethane-d5	1.68	69	188820	45.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.62%			
11) 1,1-Dichloroethene-d2	2.27	63	340796	35.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.58%			
21) 2-Butanone-d5	4.19	46	438128	107.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.06%			
24) Chloroform-d	4.64	84	428116	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.16%			
26) 1,2-Dichloroethane-d4	5.31	65	275808	52.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.58%			
32) Benzene-d6	5.34	84	896318	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
36) 1,2-Dichloropropane-d6	6.32	67	298804	50.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.88%			
41) Toluene-d8	7.56	98	767656	46.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.36%			
43) trans-1,3-Dichloropropene-	7.85	79	122389	45.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.68%			
47) 2-Hexanone-d5	8.31	63	290677	97.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	365741	45.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	255369	48.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.42%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	9029	1.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3171	0.758	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2408	0.585	ug/L #	1
34) Trichloroethene	6.18	95	687796	140.812	ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	6835	0.930	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	4968	0.784	ug/L	90
46) Tetrachloroethene	8.22	164	21328	6.157	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	29360	4.842	ug/L	94

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

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Quantitation Report (Not Reviewed)

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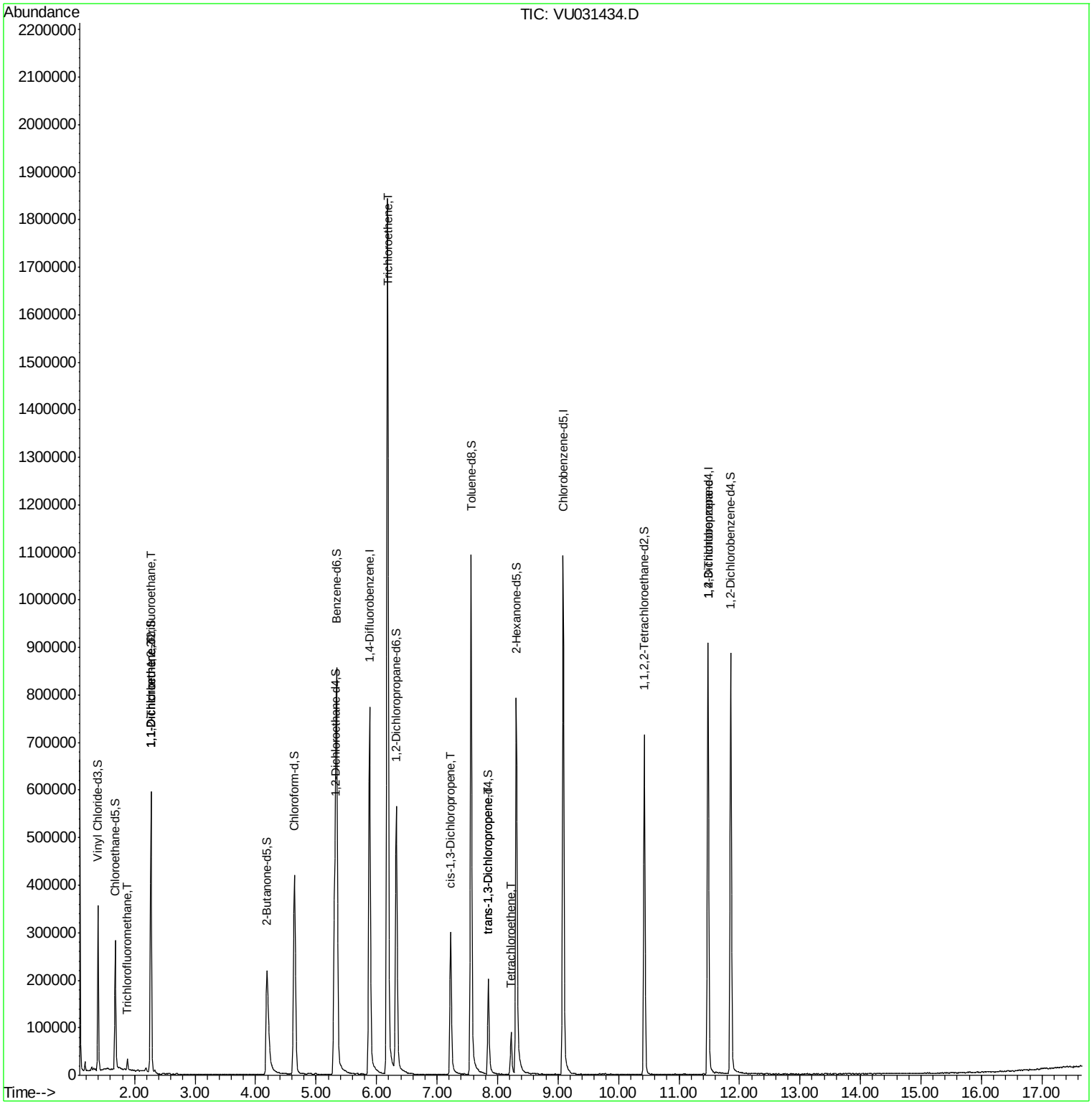
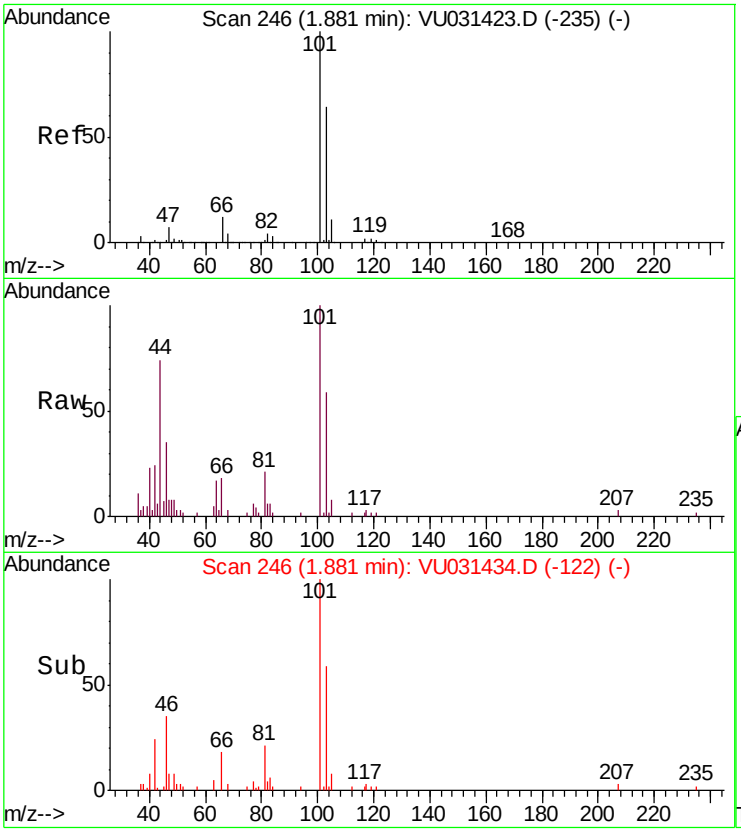
Operator : JC/SP
Sample : K2428-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X14

Quant Time: Apr 24 06:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration



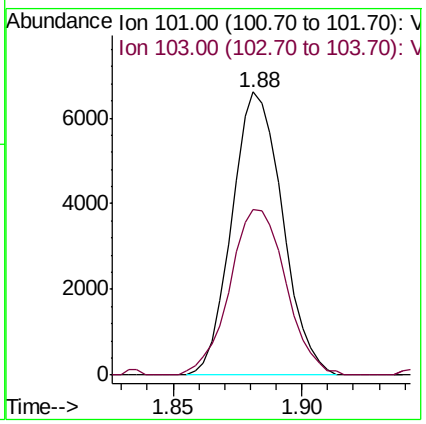


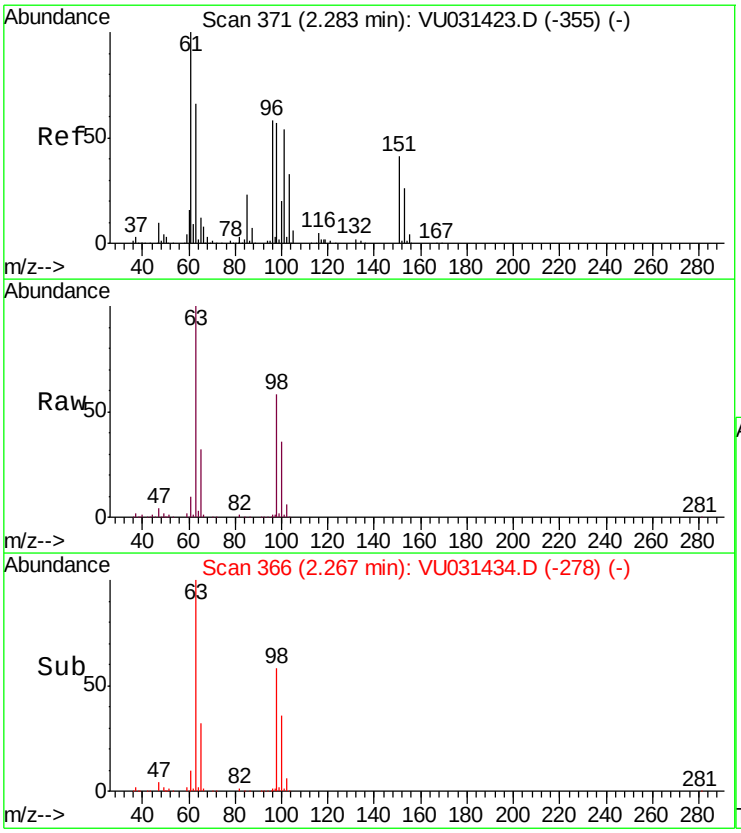
#9
Trichlorofluoromethane
Concen: 1.252 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :
C0X14

Tgt Ion:101 Resp: 9029

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2

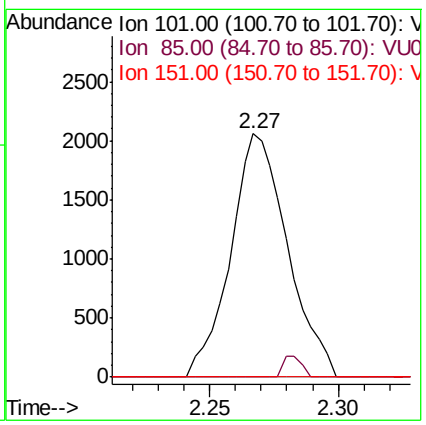


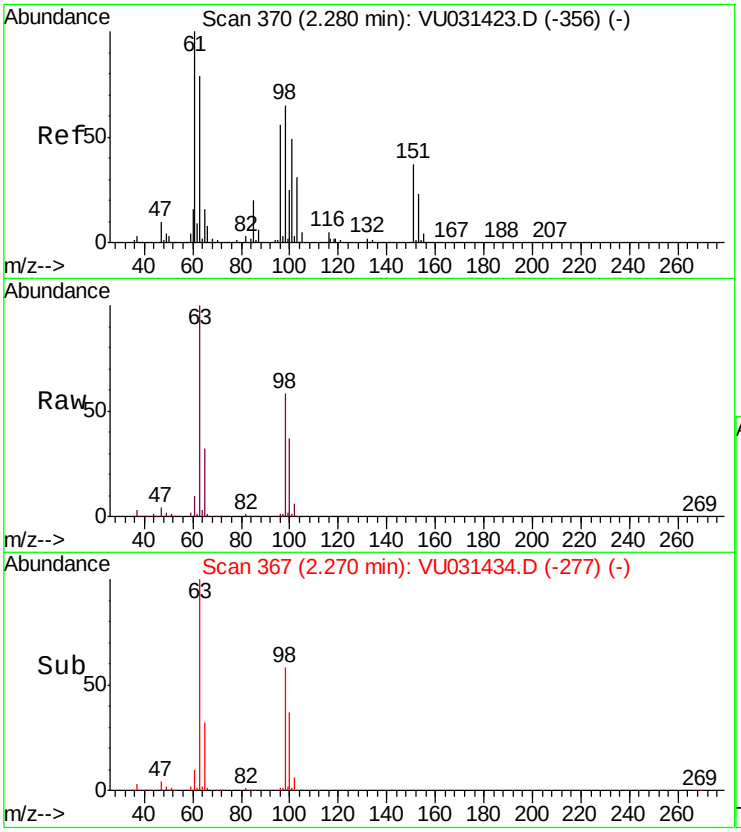


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.758 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Tgt Ion:101 Resp: 3171

Ion	Ratio	Lower	Upper
101	100		
85	2.8	33.1	49.7#
151	0.0	61.4	92.0#



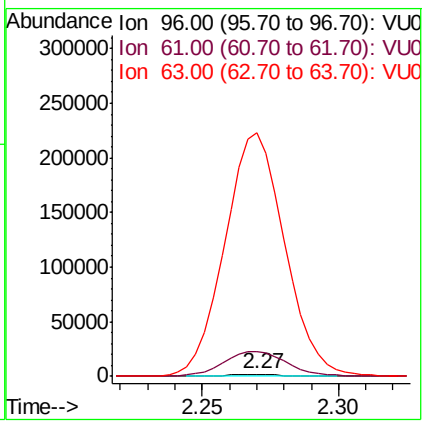


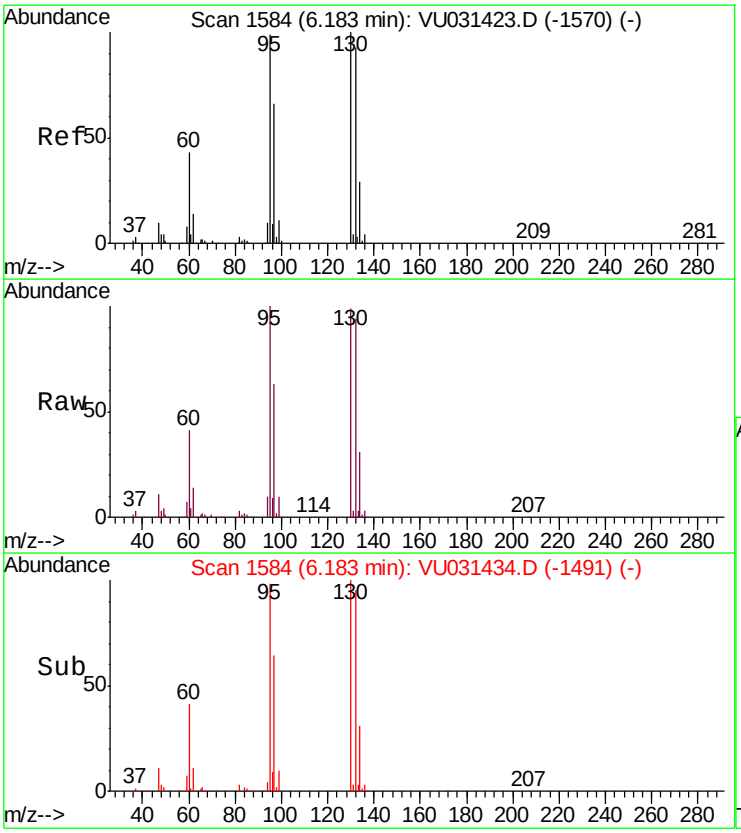
#12
1,1-Dichloroethene
Concen: 0.585 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Instrument : MSVOA_U
ClientSampleId : C0X14

Tgt Ion: 96 Resp: 2408

Ion	Ratio	Lower	Upper
96	100		
61	1424.7	118.9	220.9#
63	14037.3	99.3	184.3#

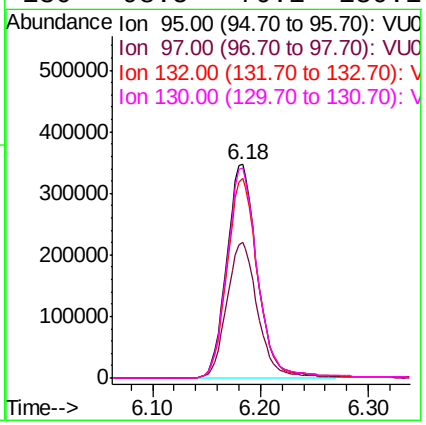


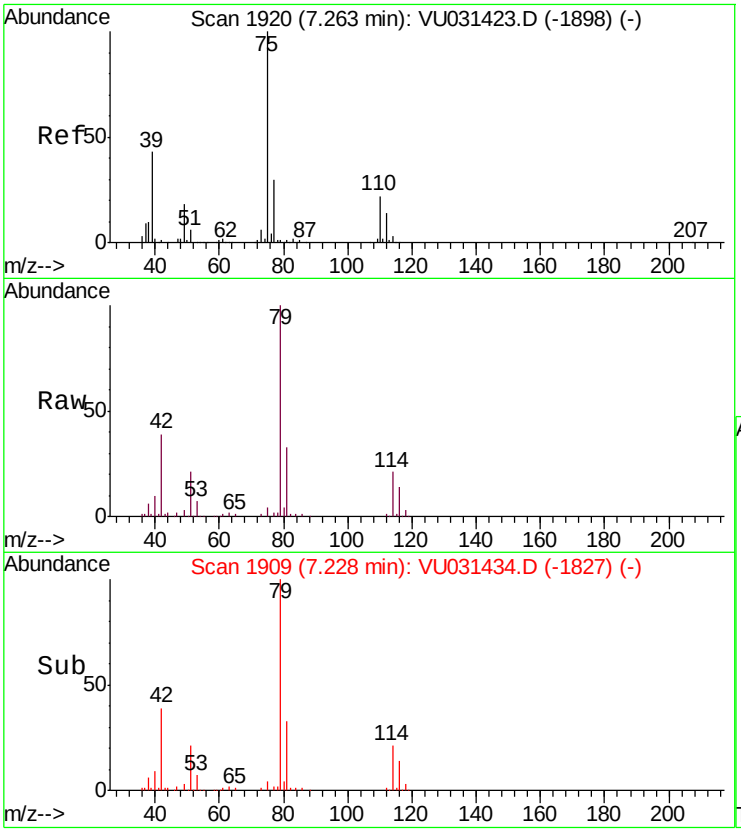


#34
Trichloroethene
Concen: 140.812 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Tgt Ion: 95 Resp: 687796

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.9	83.5
132	93.5	68.0	126.2
130	98.5	70.1	130.1



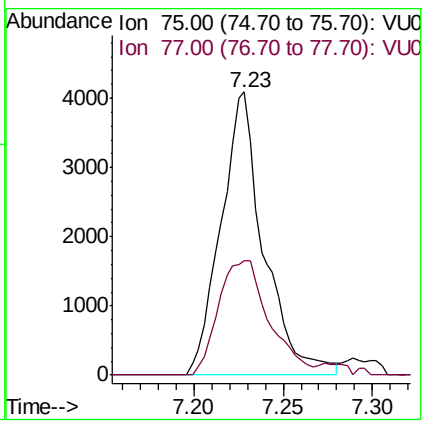


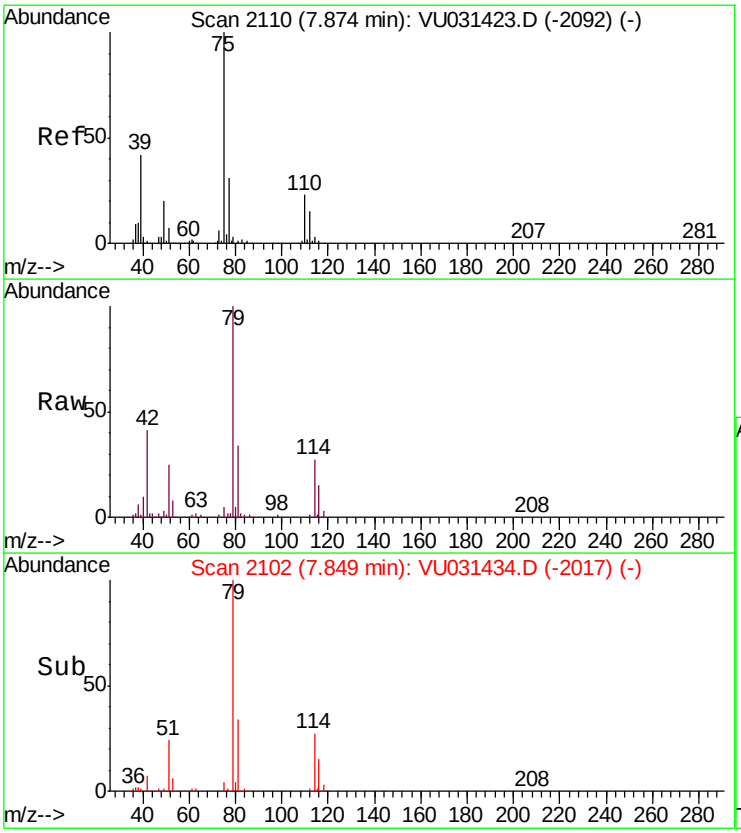
#39
cis-1,3-Dichloropropene
Concen: 0.930 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :
C0X14

Tgt Ion: 75 Resp: 6835

Ion	Ratio	Lower	Upper
75	100		
77	40.4	23.0	42.8

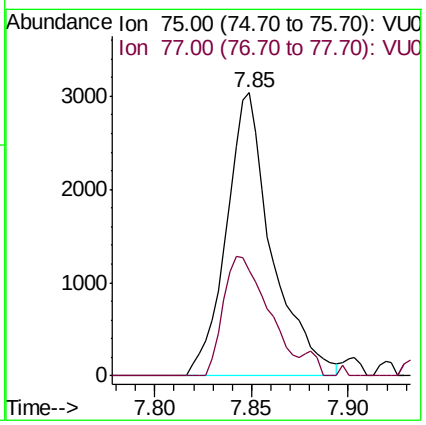


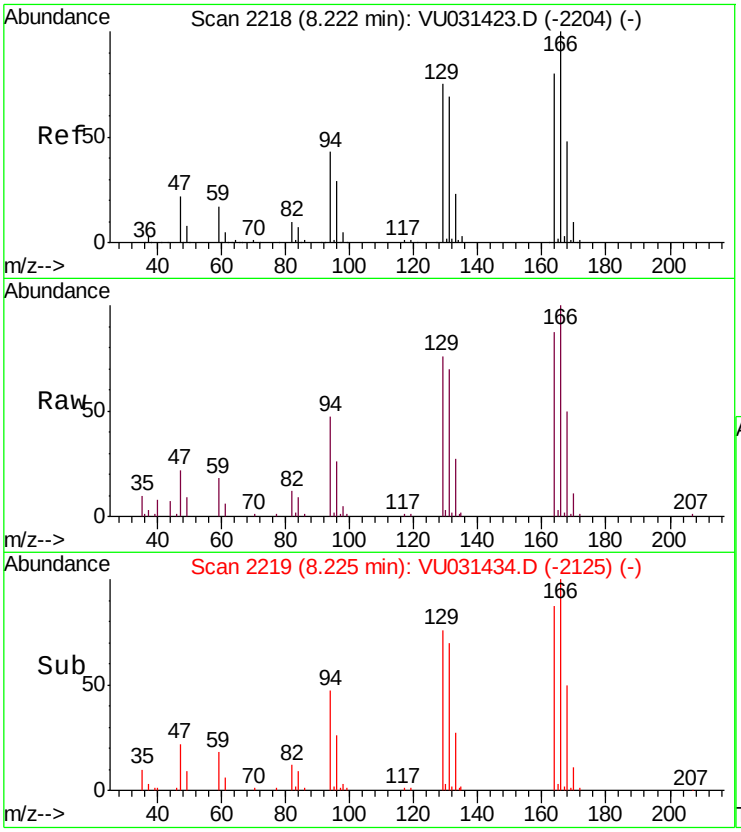


#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Tgt Ion: 75 Resp: 4968

Ion	Ratio	Lower	Upper
75	100		
77	37.3	22.3	41.3



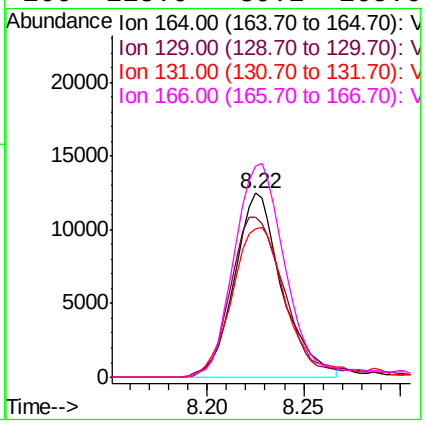


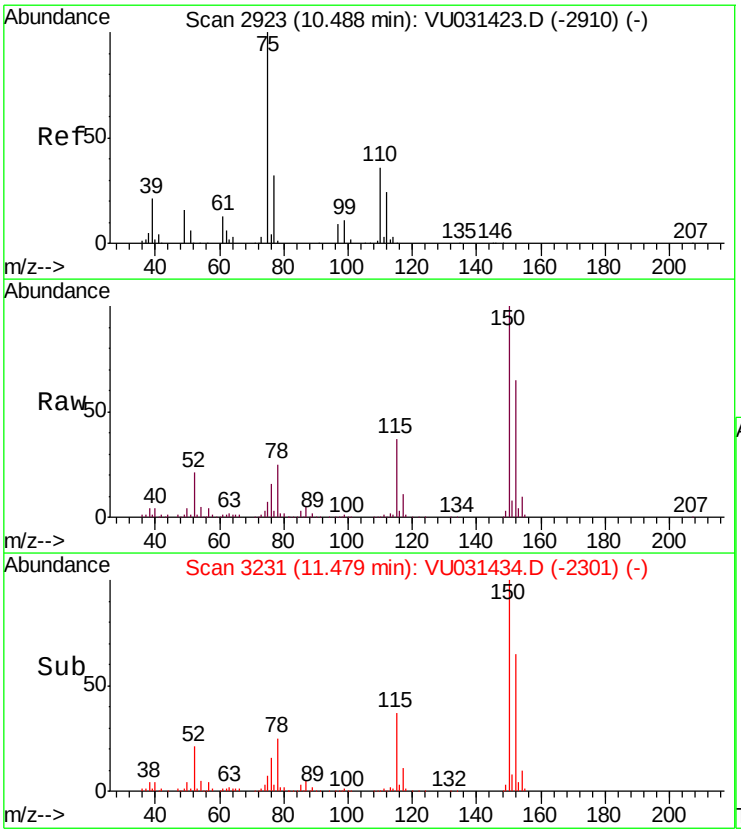
#46
Tetrachloroethene
Concen: 6.157 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :
C0X14

Tgt Ion:164 Resp: 21328

Ion	Ratio	Lower	Upper
164	100		
129	87.0	65.2	121.0
131	81.1	61.4	114.0
166	115.0	89.2	165.6





#59
1,2,3-Trichloropropane
Concen: 4.842 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031434.D
Acq: 23 Apr 2019 13:40

Tgt Ion: 75 Resp: 29360

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.6	38.4