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

Quantitation Report (Not Reviewed)

Data File : VU031610.D
Acq On : 30 Apr 2019 01:13
Operator : JC/SP
Sample : K2592-20DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X87DL

Quant Time: Apr 30 04:54:28 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	619708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	597992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213411	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	323971	62.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.92%			
7) Chloroethane-d5	1.68	69	245371	61.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.44%			
11) 1,1-Dichloroethene-d2	2.27	63	456221	44.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.34%			
21) 2-Butanone-d5	4.19	46	525037	111.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.73%			
24) Chloroform-d	4.64	84	503756	53.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.06%			
26) 1,2-Dichloroethane-d4	5.31	65	348544	56.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.32%			
32) Benzene-d6	5.34	84	984617	53.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.24%			
36) 1,2-Dichloropropane-d6	6.32	67	352909	54.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.26%			
41) Toluene-d8	7.56	98	818894	51.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.40%			
43) trans-1,3-Dichloropropene-	7.85	79	131064	47.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.52%			
47) 2-Hexanone-d5	8.31	63	288364	103.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	431252	49.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	240374	53.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.12%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	5123	0.583	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3630	0.731	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3433	0.710	ug/L #	1
34) Trichloroethene	6.18	95	384369	72.122	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	8082	0.980	ug/L #	65
46) Tetrachloroethene	8.23	164	6027	1.659	ug/L	90
48) 2-Hexanone	8.37	43	18928	2.437	ug/L #	63

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

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Quantitation Report (Not Reviewed)

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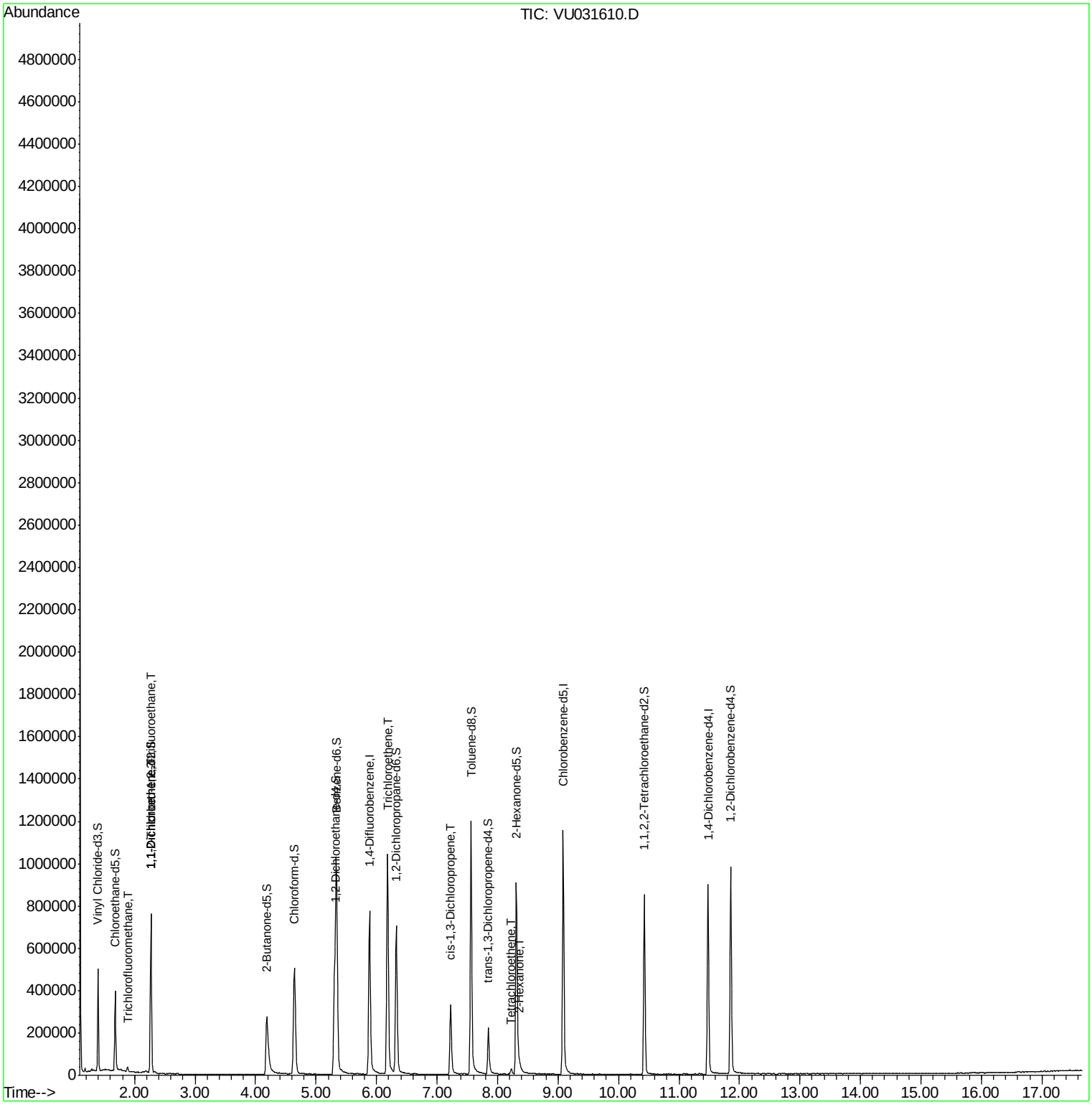
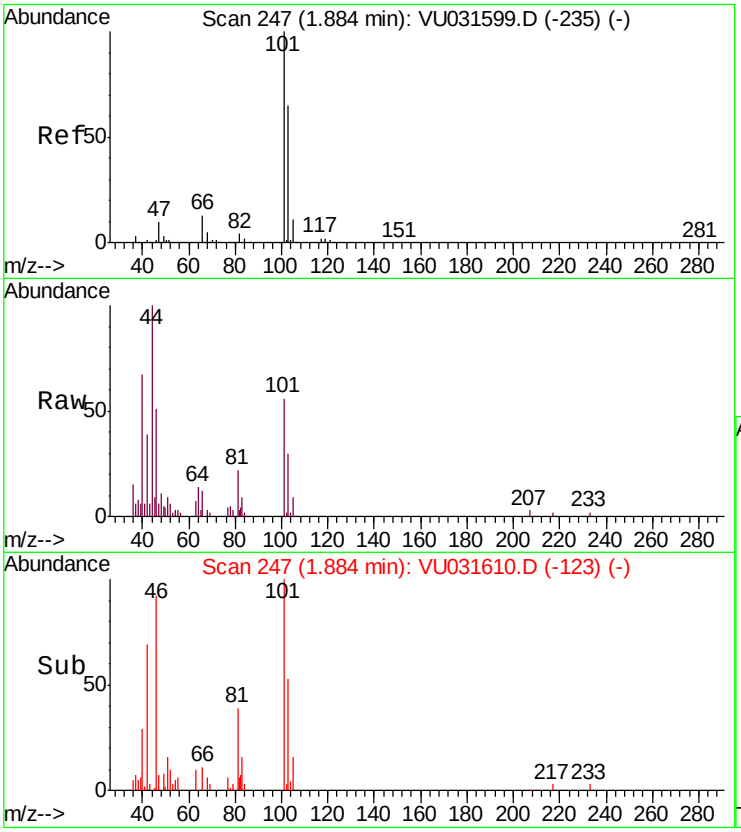
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X87DL

Quant Time: Apr 30 04:54:28 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



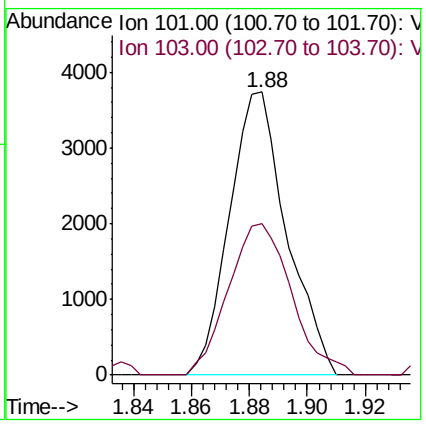


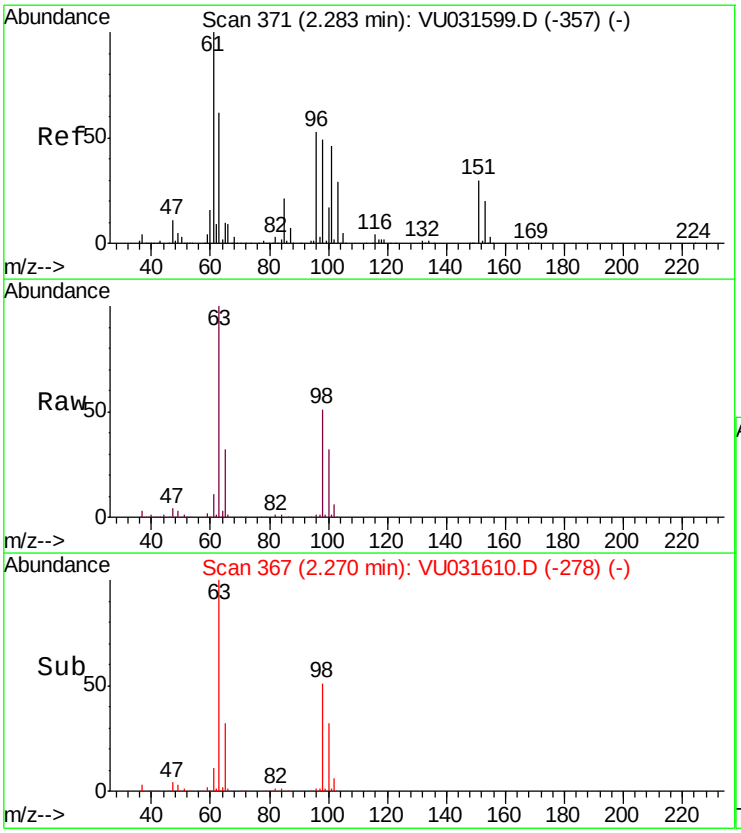
#9
Trichlorofluoromethane
Concen: 0.583 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Instrument :
MSVOA_U
ClientSampleId :
C0X87DL

Tgt Ion:101 Resp: 5123

Ion	Ratio	Lower	Upper
101	100		
103	59.0	50.8	76.2

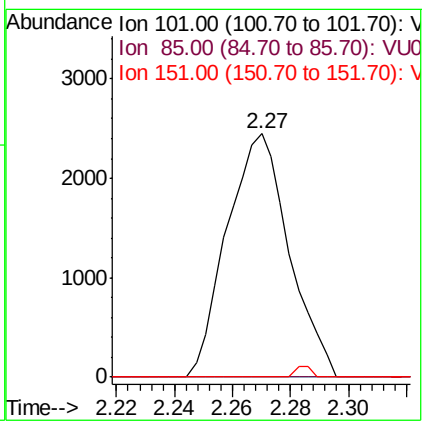


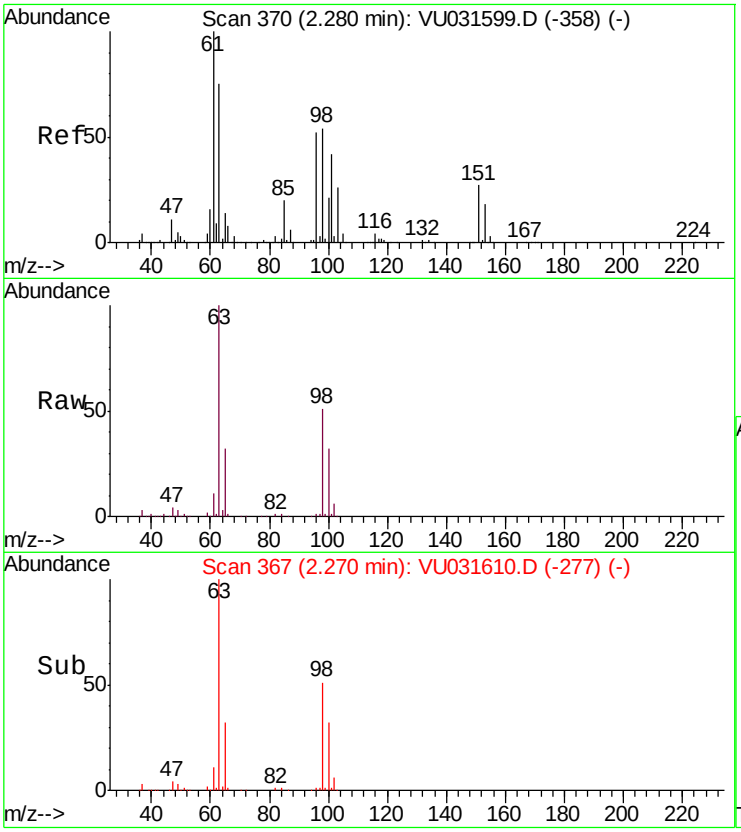


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Tgt Ion:101 Resp: 3630

Ion	Ratio	Lower	Upper
101	100		
85	1.1	36.1	54.1#
151	1.1	56.1	84.1#



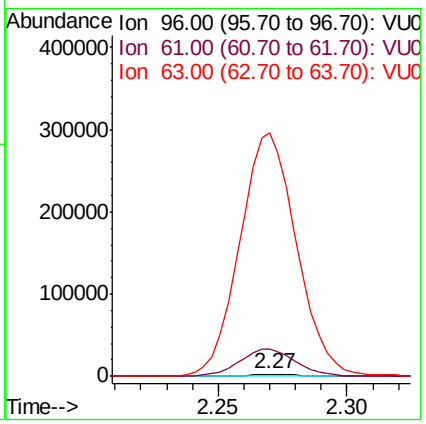


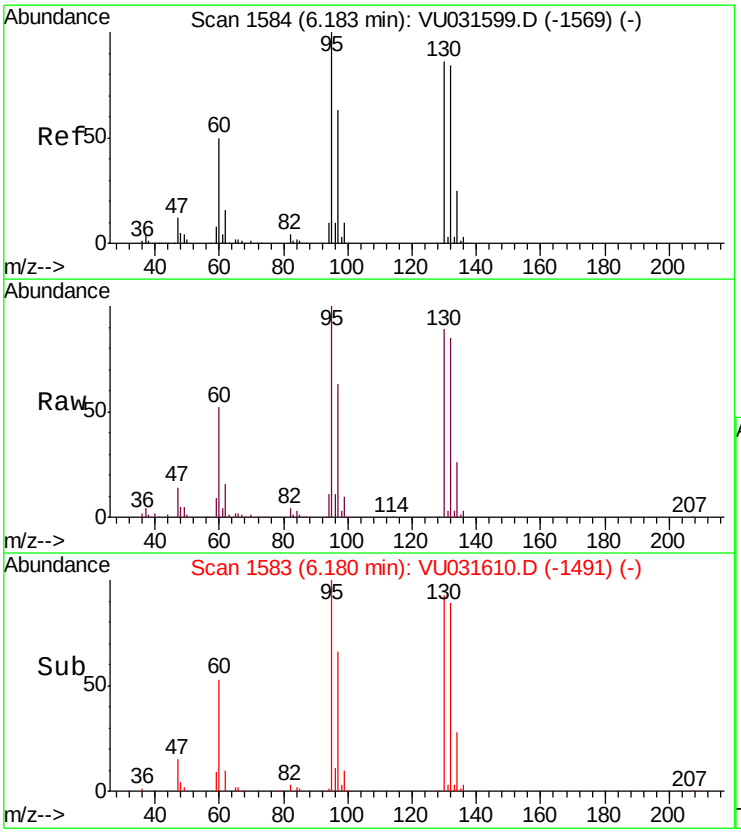
#12
1,1-Dichloroethene
Concen: 0.710 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Instrument : MSVOA_U
ClientSampleId : C0X87DL

Tgt Ion: 96 Resp: 3433

Ion	Ratio	Lower	Upper
96	100		
61	1598.9	135.0	250.6#
63	13945.5	103.5	192.3#

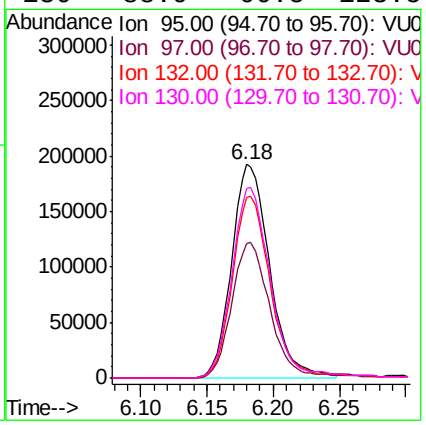


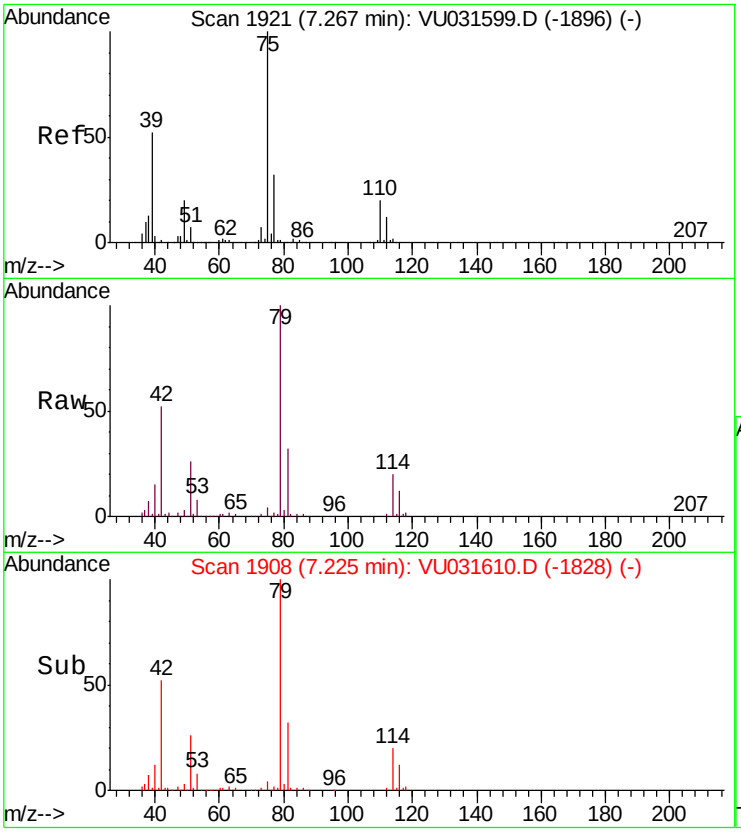


#34
Trichloroethene
Concen: 72.122 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Tgt Ion: 95 Resp: 384369

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.8	83.2
132	84.8	63.1	117.1
130	88.9	66.5	123.5



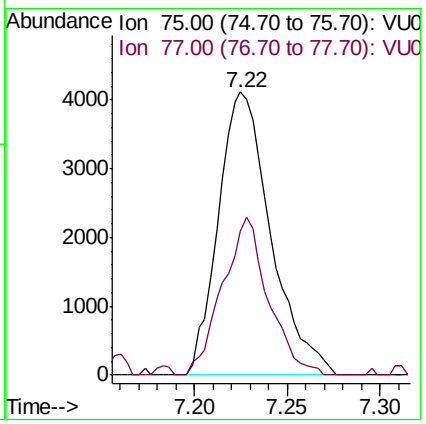


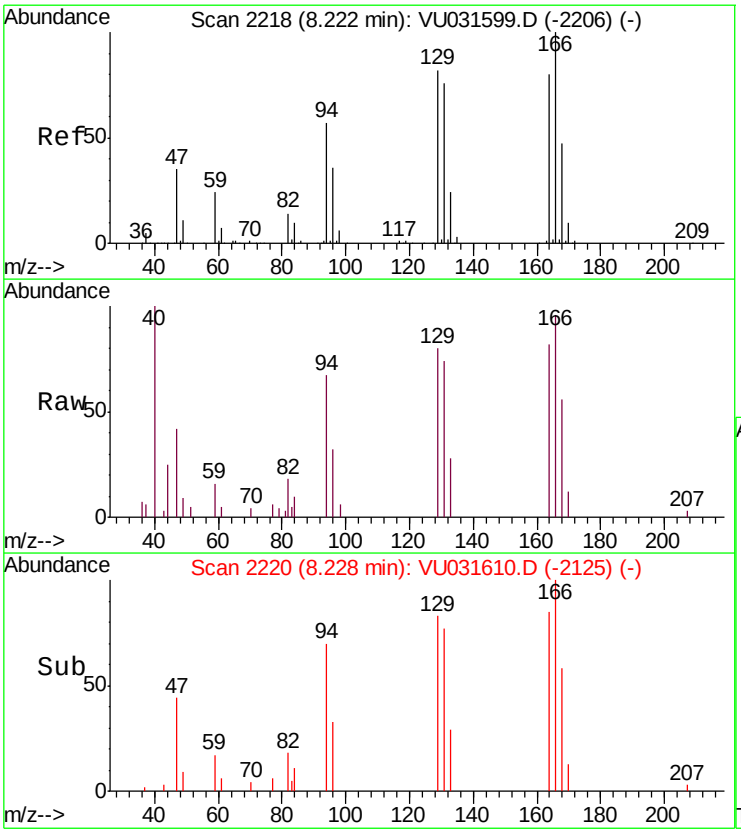
#39
cis-1,3-Dichloropropene
Concen: 0.980 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Instrument :
MSVOA_U
ClientSampleId :
C0X87DL

Tgt Ion: 75 Resp: 8082

Ion	Ratio	Lower	Upper
75	100		
77	50.9	22.1	41.1#

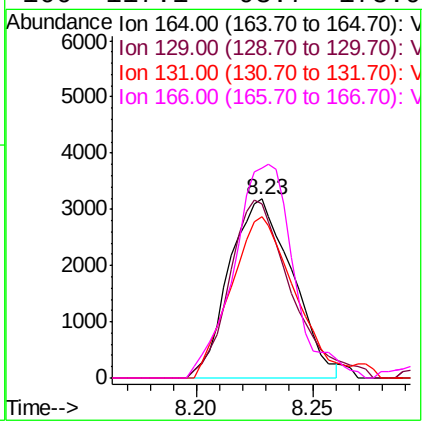


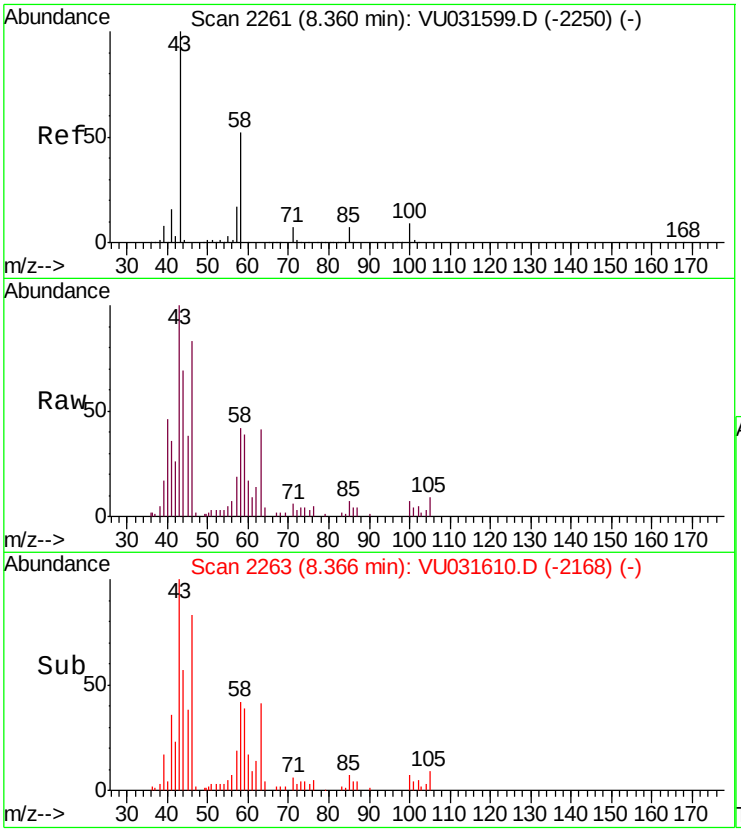


#46
Tetrachloroethene
Concen: 1.659 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Tgt Ion:164 Resp: 6027

Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.5	132.9
131	90.1	69.0	128.2
166	117.1	93.7	173.9





#48
2-Hexanone
Concen: 2.437 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031610.D
Acq: 30 Apr 2019 01:13

Instrument :
MSVOA_U
ClientSampleId :
C0X87DL

Tgt Ion: 43 Resp: 18928

Ion	Ratio	Lower	Upper
43	100		
58	24.5	42.1	63.1#
57	0.0	14.6	22.0#
100	4.8	7.2	10.8#