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

Quantitation Report (Not Reviewed)

Data File : VU031614.D
Acq On : 30 Apr 2019 02:46
Operator : JC/SP
Sample : K2593-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB4

Quant Time: Apr 30 04:54:59 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	593987	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206225	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	318718	64.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.22%			
7) Chloroethane-d5	1.68	69	237218	61.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.50%			
11) 1,1-Dichloroethene-d2	2.27	63	436993	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.28%			
21) 2-Butanone-d5	4.19	46	526673	116.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.93%			
24) Chloroform-d	4.64	84	490337	53.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.72%			
26) 1,2-Dichloroethane-d4	5.31	65	340064	57.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.34%			
32) Benzene-d6	5.34	84	940854	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.32%			
36) 1,2-Dichloropropane-d6	6.33	67	346947	55.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.38%			
41) Toluene-d8	7.56	98	769418	49.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.88%			
43) trans-1,3-Dichloropropene-	7.85	79	127860	47.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.76%			
47) 2-Hexanone-d5	8.31	63	289883	106.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	434413	51.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	234596	54.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.18%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	31085	3.691	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3028	0.636	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3253	0.702	ug/L #	1
34) Trichloroethene	6.18	95	1277640	246.374	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	5476	0.752	ug/L #	58
46) Tetrachloroethene	8.23	164	8153	2.306	ug/L	93
48) 2-Hexanone	8.36	43	25050	3.315	ug/L #	63

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

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Instrument :
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ClientSampleId :
C0XB4

Quant Time: Apr 30 04:54:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
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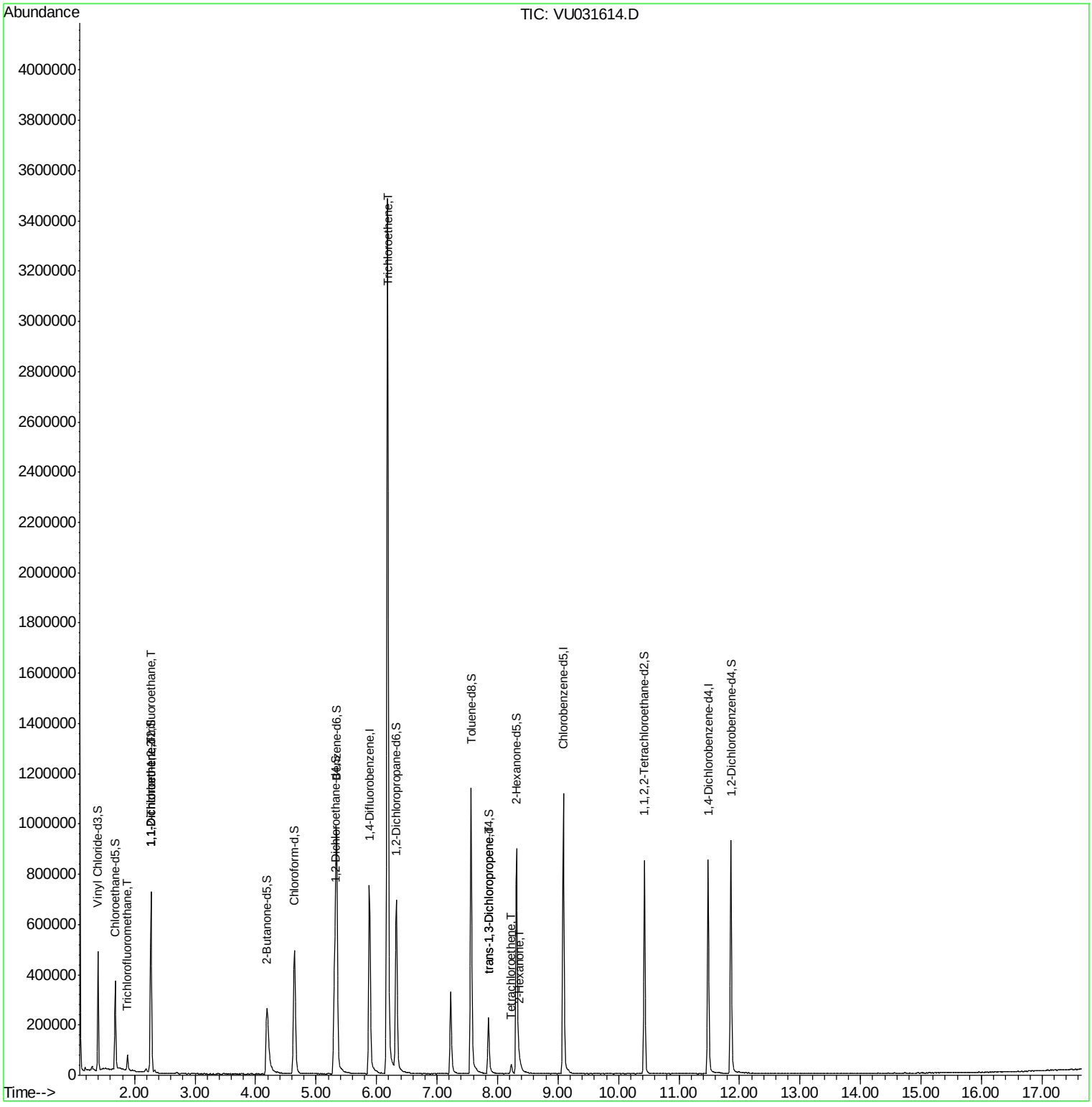
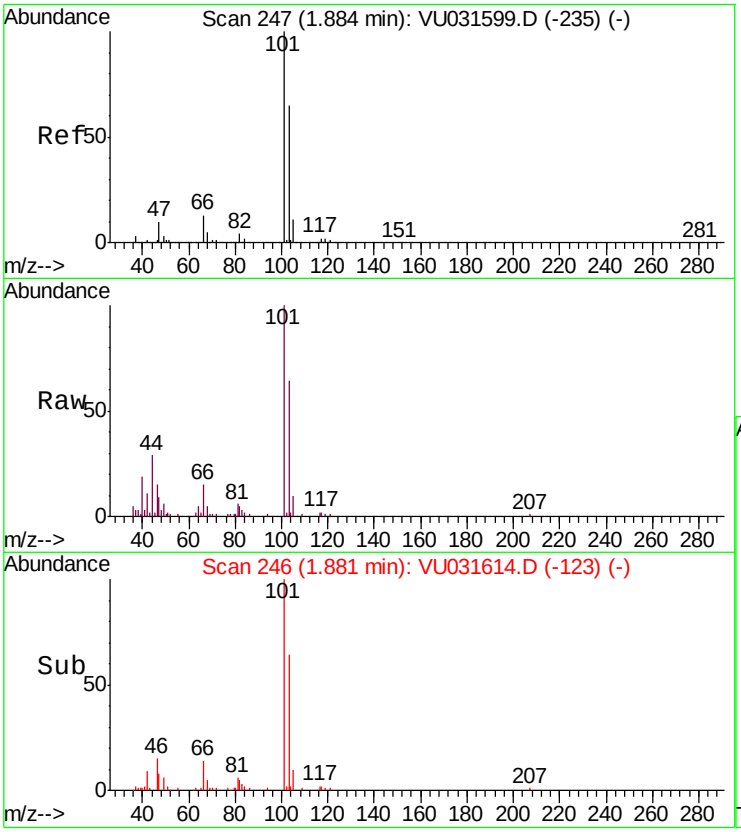


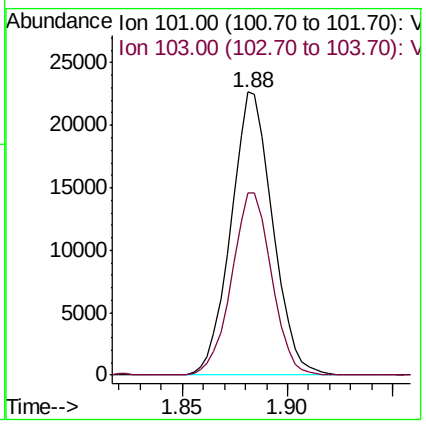


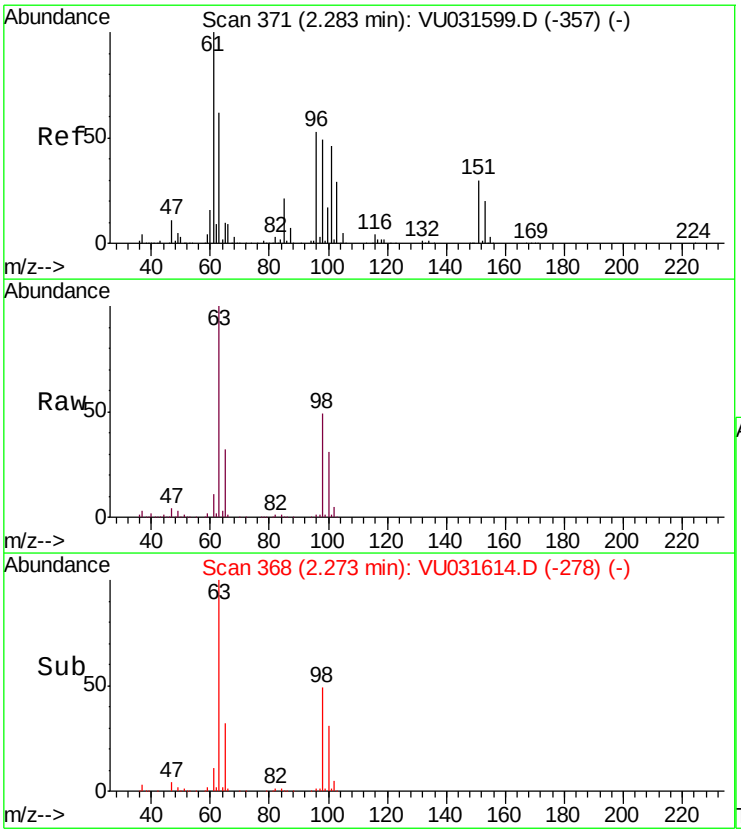
#9
Trichlorofluoromethane
Concen: 3.691 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Instrument :
MSVOA_U
ClientSampleId :
C0XB4

Tgt Ion:101 Resp: 31085

Ion	Ratio	Lower	Upper
101	100		
103	61.5	50.8	76.2

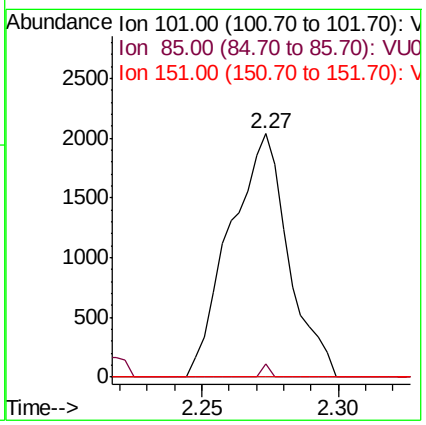


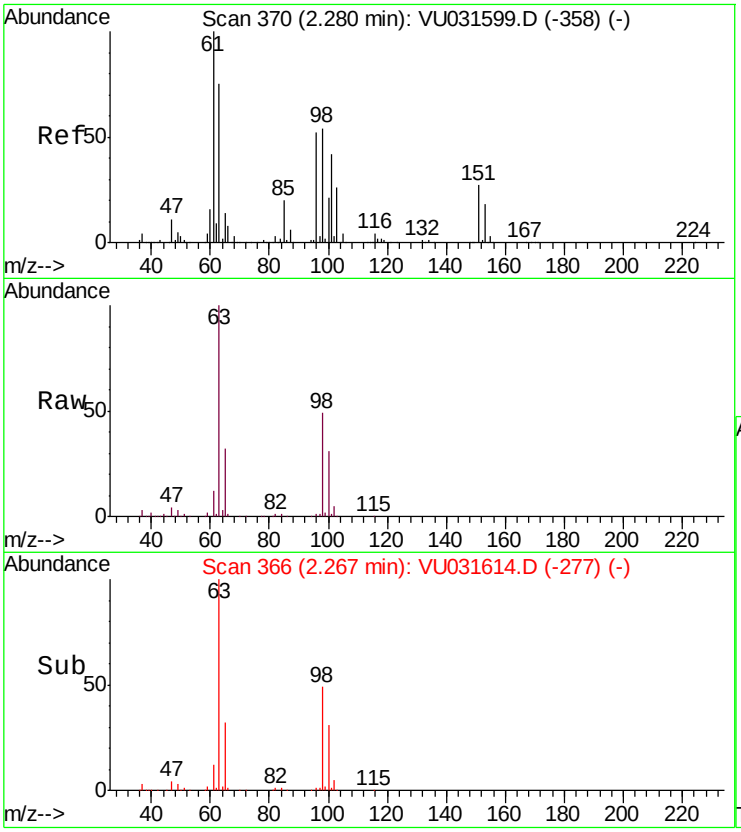


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.636 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Tgt Ion:101 Resp: 3028

Ion	Ratio	Lower	Upper
101	100		
85	3.6	36.1	54.1#
151	0.0	56.1	84.1#



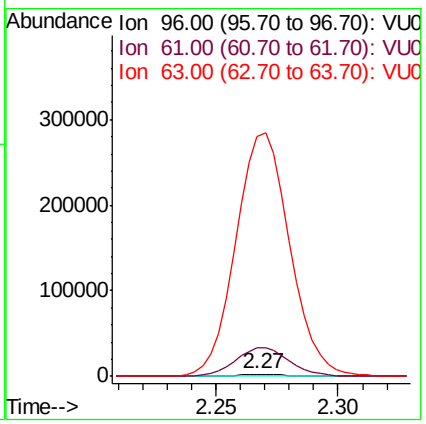


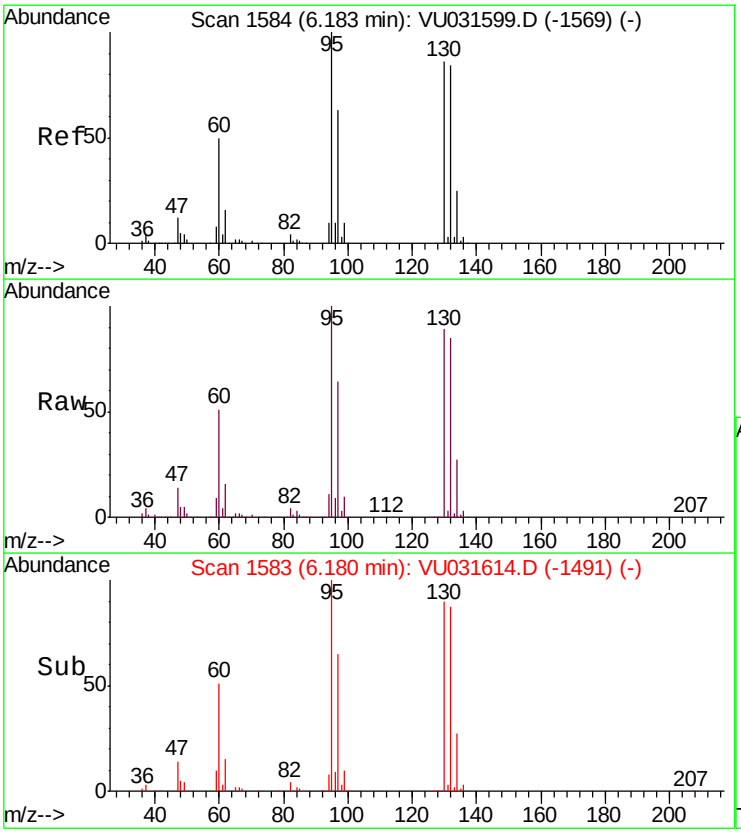
#12
1,1-Dichloroethene
Concen: 0.702 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Instrument : MSVOA_U
ClientSampleId : C0XB4

Tgt Ion: 96 Resp: 3253

Ion	Ratio	Lower	Upper
96	100		
61	1573.5	135.0	250.6#
63	13460.0	103.5	192.3#

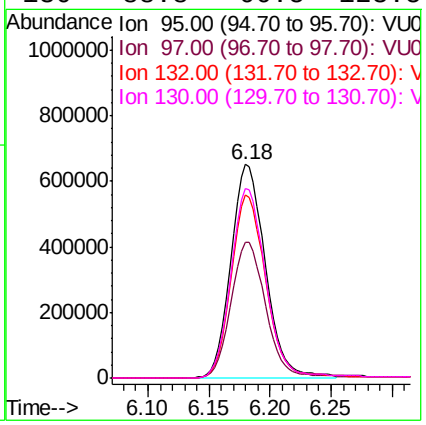


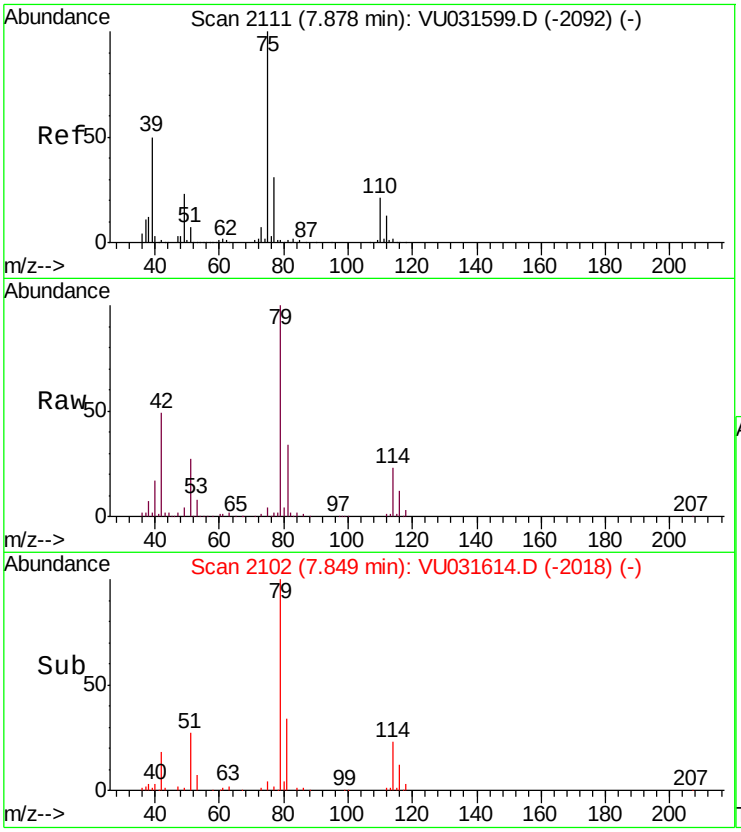


#34
Trichloroethene
Concen: 246.374 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Tgt Ion: 95 Resp: 1277640

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.8	83.2
132	85.5	63.1	117.1
130	88.8	66.5	123.5



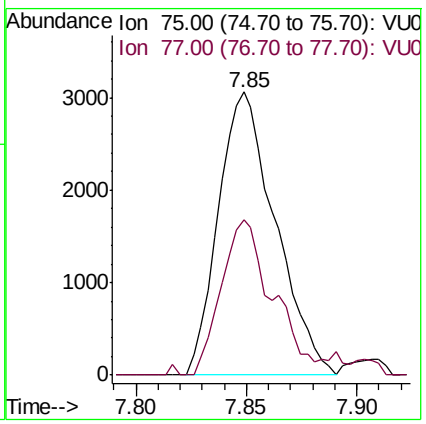


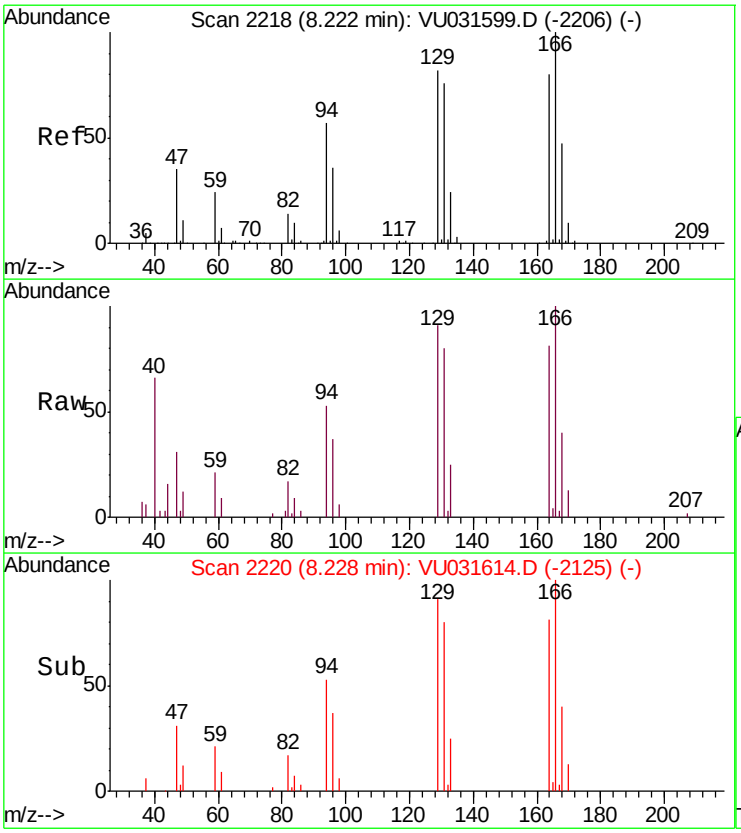
#44
trans-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Instrument : MSVOA_U
ClientSampleId : C0XB4

Tgt Ion: 75 Resp: 5476

Ion	Ratio	Lower	Upper
75	100		
77	54.7	22.1	41.1#

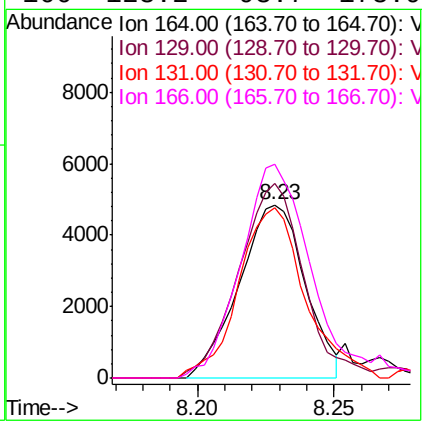


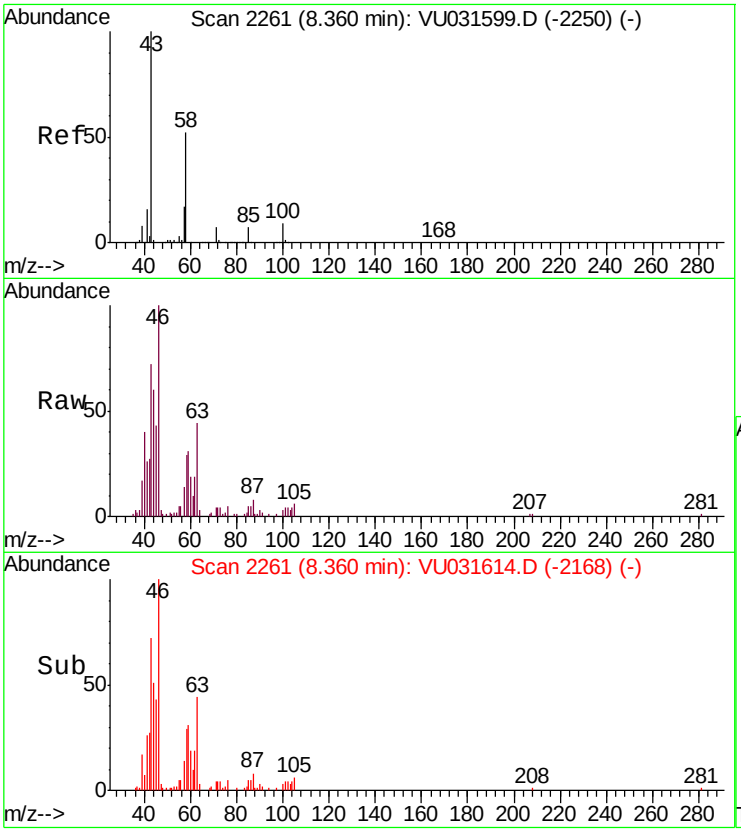


#46
Tetrachloroethene
Concen: 2.306 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Tgt Ion:164 Resp: 8153

Ion	Ratio	Lower	Upper
164	100		
129	112.0	71.5	132.9
131	98.0	69.0	128.2
166	123.2	93.7	173.9





#48
2-Hexanone
Concen: 3.315 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Instrument :
MSVOA_U
ClientSampleId :
C0XB4

Tgt Ion: 43 Resp: 25050

Ion	Ratio	Lower	Upper
43	100		
58	18.7	42.1	63.1#
57	8.3	14.6	22.0#
100	7.2	7.2	10.8