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

Quantitation Report (Not Reviewed)

Data File : VU031429.D
Acq On : 23 Apr 2019 11:43
Operator : JC/SP
Sample : K2477-06DL 25X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X63DL

Quant Time: Apr 24 06:03:54 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	685998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	629606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255983	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	262222	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.34%			
7) Chloroethane-d5	1.68	69	211154	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.78%			
11) 1,1-Dichloroethene-d2	2.27	63	371267	38.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.78%			
21) 2-Butanone-d5	4.19	46	437821	105.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.35%			
24) Chloroform-d	4.64	84	437217	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.72%			
26) 1,2-Dichloroethane-d4	5.31	65	279045	52.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.18%			
32) Benzene-d6	5.34	84	910868	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.16%			
36) 1,2-Dichloropropane-d6	6.32	67	304298	51.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.98%			
41) Toluene-d8	7.56	98	792952	48.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.62%			
43) trans-1,3-Dichloropropene-	7.85	79	127673	47.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.74%			
47) 2-Hexanone-d5	8.31	63	299917	102.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401997	50.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	270353	51.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.34%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	12441	1.699	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3824	0.900	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2433	0.582	ug/L #	1
34) Trichloroethene	6.18	95	422914	87.642	ug/L	100
46) Tetrachloroethene	8.23	164	9977	2.915	ug/L	94
48) 2-Hexanone	8.37	43	10732	1.865	ug/L #	47
49) Dibromochloromethane	8.22	129	9477	2.004	ug/L #	11

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

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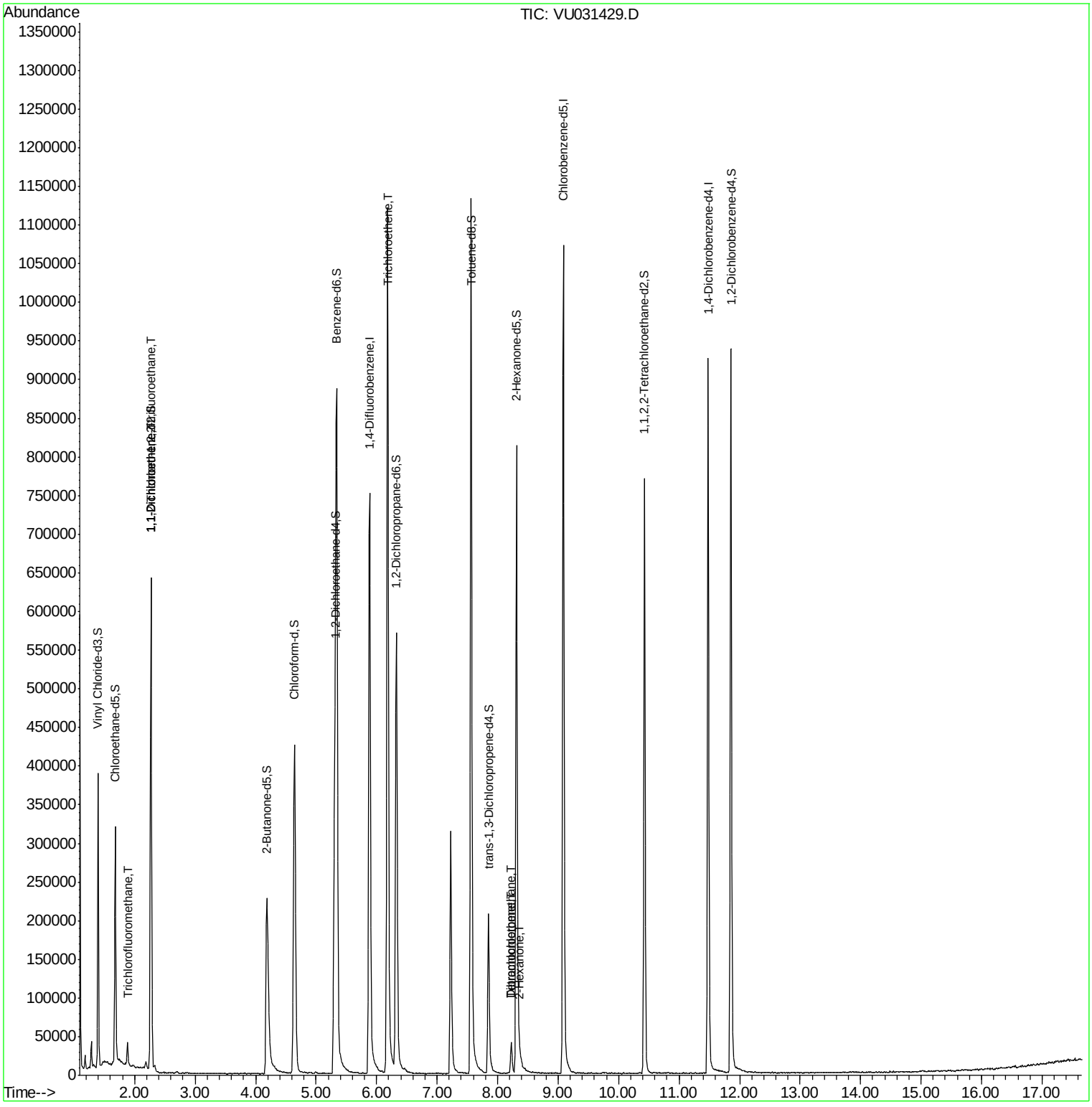
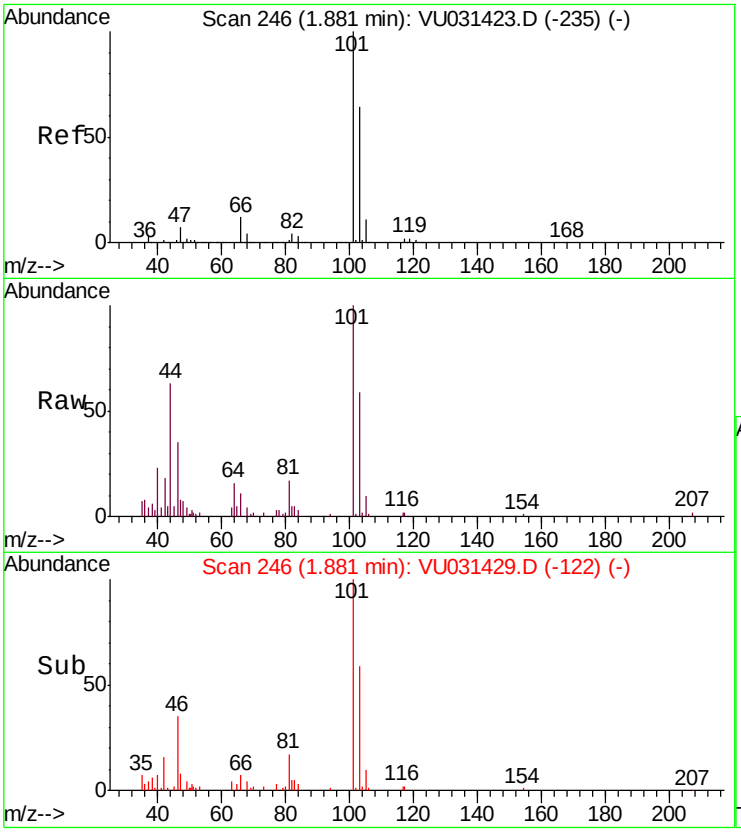
Instrument :
MSVOA_U
ClientSampleId :
C0X63DL

Quant Time: Apr 24 06:03:54 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



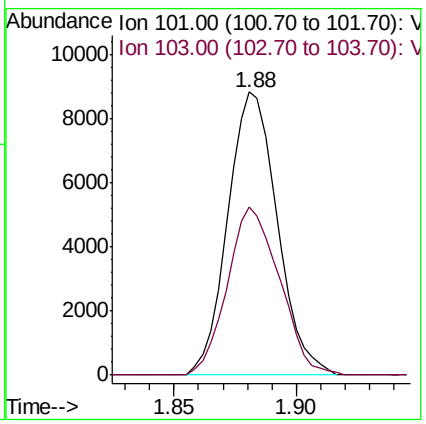


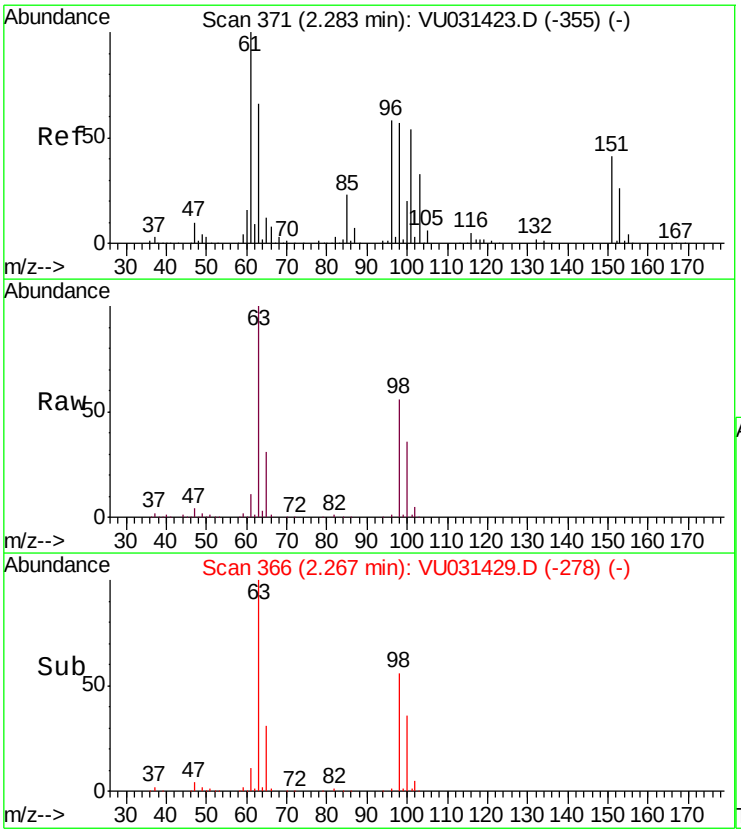
#9
Trichlorofluoromethane
Concen: 1.699 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
C0X63DL

Tgt Ion:101 Resp: 12441

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.4	77.2

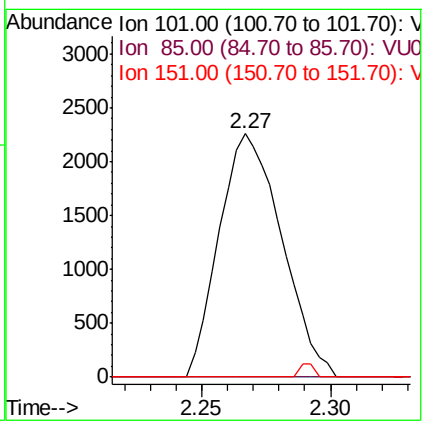


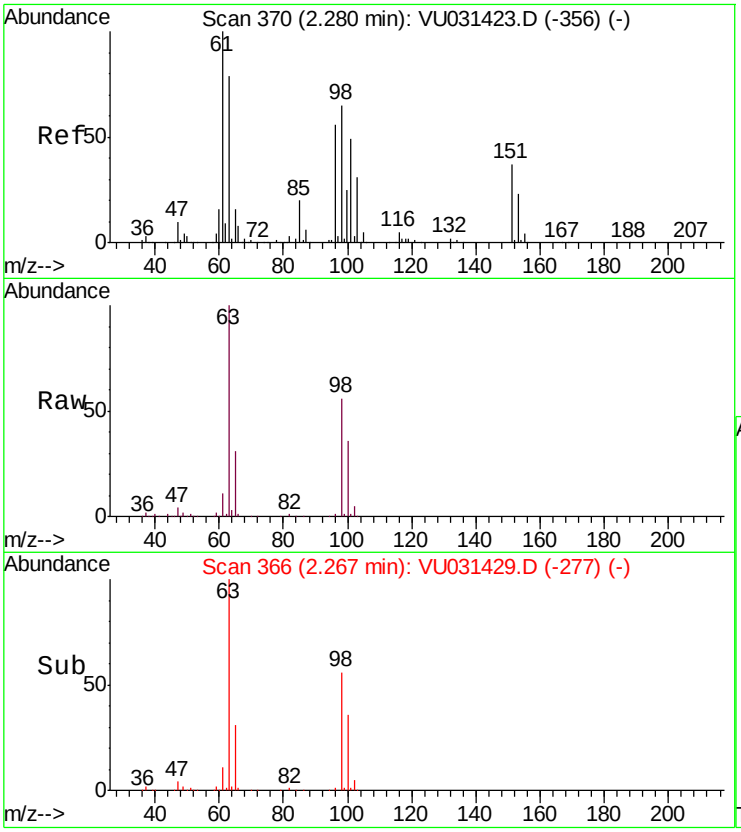


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.900 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Tgt Ion:101 Resp: 3824

Ion	Ratio	Lower	Upper
101	100		
85	1.4	33.1	49.7#
151	1.2	61.4	92.0#



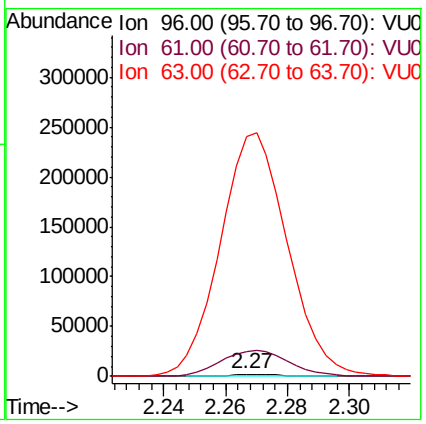


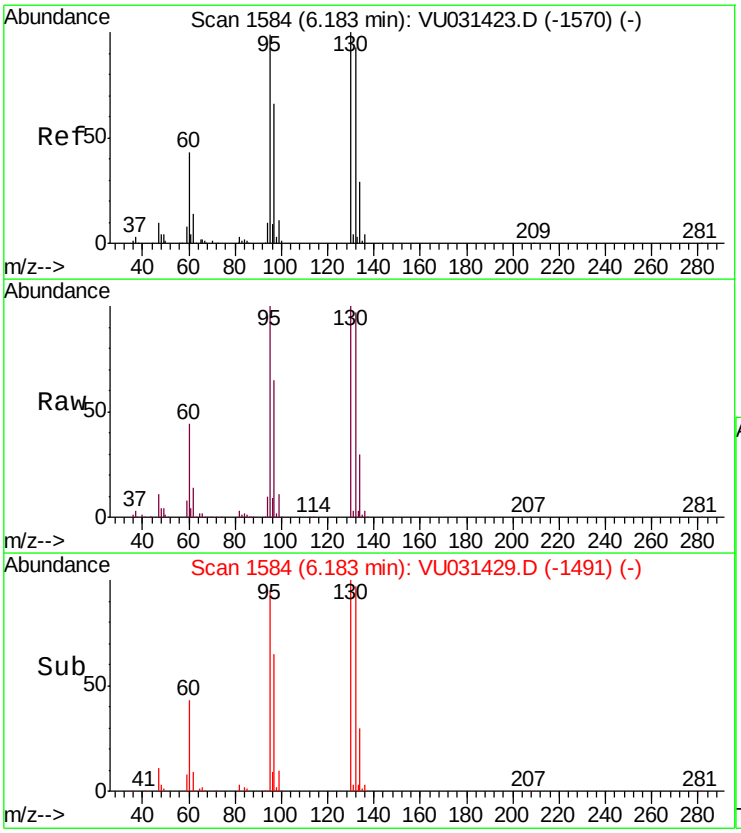
#12
1,1-Dichloroethene
Concen: 0.582 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
C0X63DL

Tgt Ion: 96 Resp: 2433

Ion	Ratio	Lower	Upper
96	100		
61	1485.2	118.9	220.9#
63	14047.8	99.3	184.3#

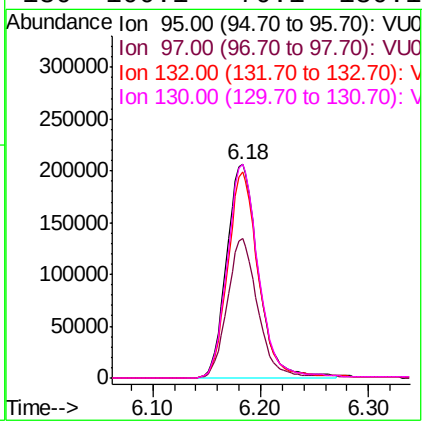


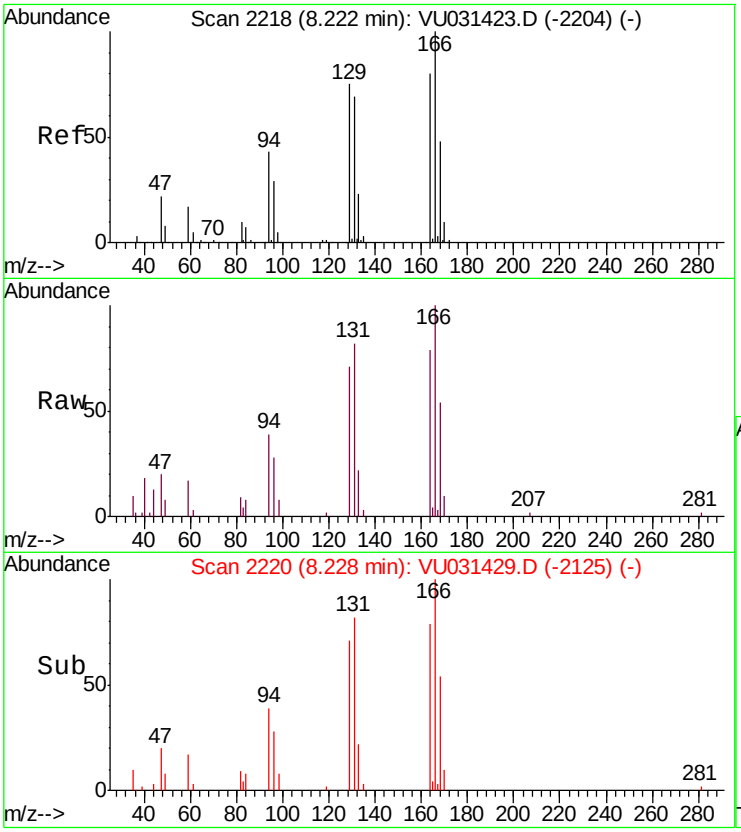


#34
Trichloroethene
Concen: 87.642 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Tgt Ion: 95 Resp: 422914

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.5
132	96.8	68.0	126.2
130	100.1	70.1	130.1



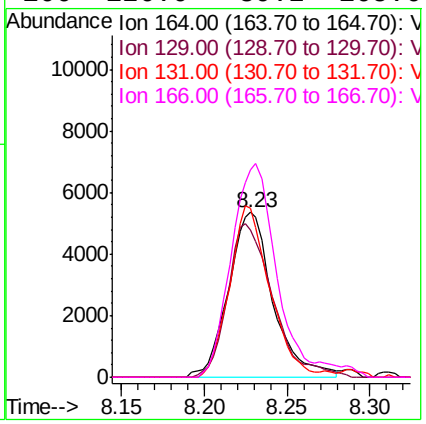


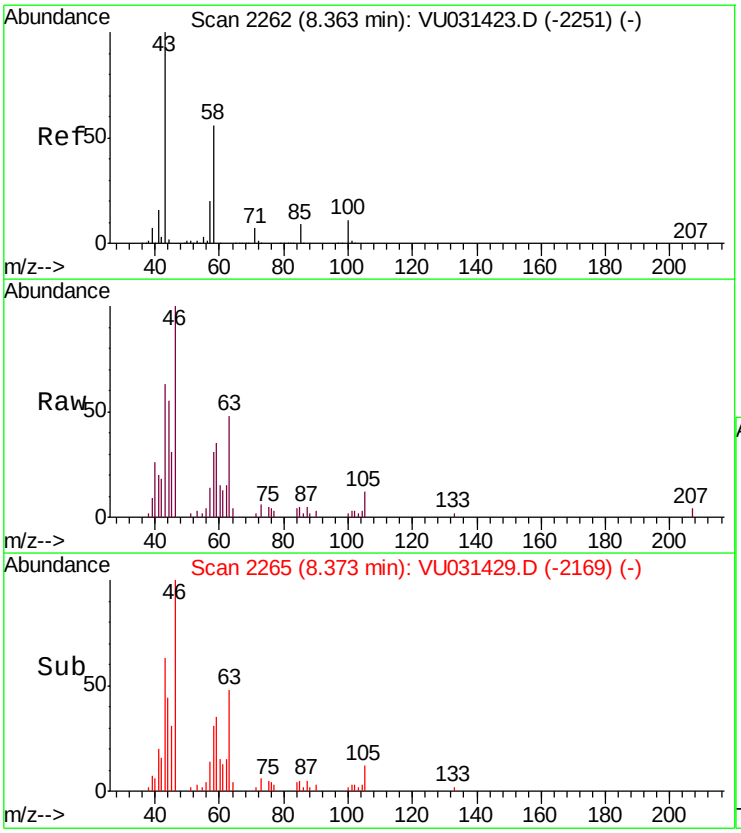
#46
Tetrachloroethene
Concen: 2.915 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Instrument : MSVOA_U
ClientSampleId : C0X63DL

Tgt Ion:164 Resp: 9977

Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.2	121.0
131	102.8	61.4	114.0
166	126.0	89.2	165.6

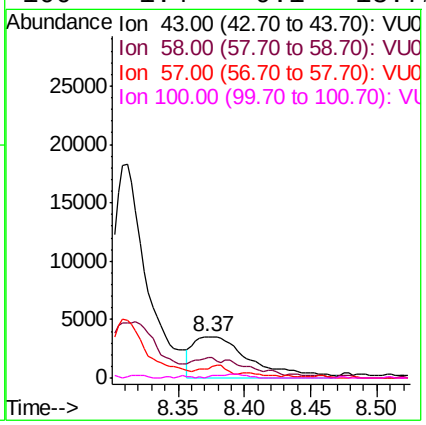


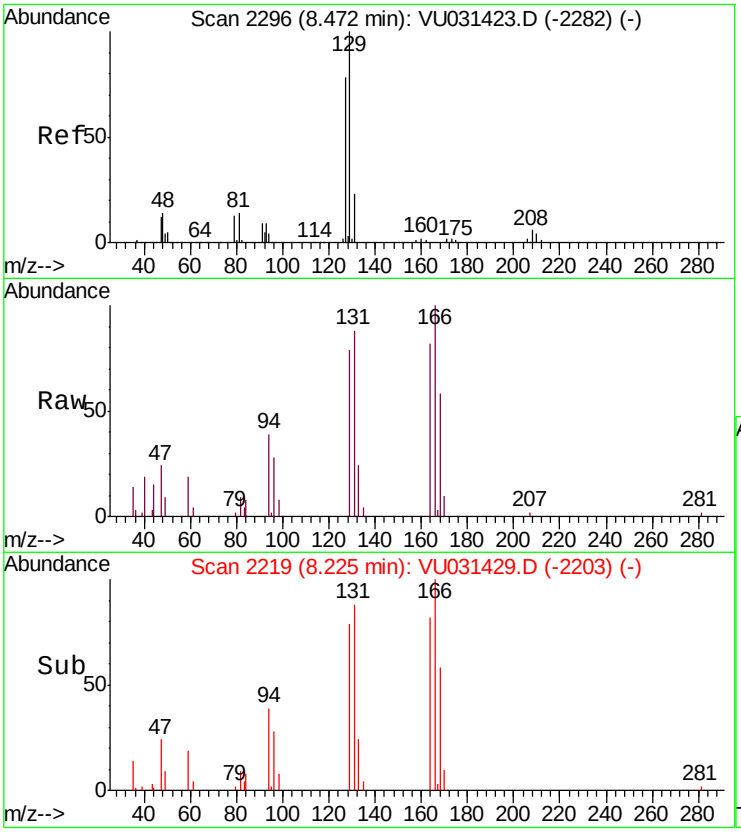


#48
2-Hexanone
Concen: 1.865 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Tgt Ion: 43 Resp: 10732

Ion	Ratio	Lower	Upper
43	100		
58	4.3	45.5	68.3#
57	12.6	15.2	22.8#
100	1.4	9.1	13.7#





#49
Dibromochloromethane
Concen: 2.004 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
C0X63DL

Tgt Ion:129 Resp: 9477

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#