Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Not Reviewed)

Data File : VU031645.D
Acq On : 30 Apr 2019 19:36
Operator : JC/SP
Sample : K2590-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: May 01 01:44:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625420	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210983	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	237935	45.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.92%			
7) Chloroethane-d5	1.68	69	190340	47.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.12%			
11) 1,1-Dichloroethene-d2	2.27	63	380705	36.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.04%			
21) 2-Butanone-d5	4.18	46	521636	109.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.99%			
24) Chloroform-d	4.64	84	500956	52.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.52%			
26) 1,2-Dichloroethane-d4	5.31	65	351154	56.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.14%			
32) Benzene-d6	5.34	84	931388	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.06%			
36) 1,2-Dichloropropane-d6	6.33	67	344165	51.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.00%			
41) Toluene-d8	7.56	98	739008	44.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.34%			
43) trans-1,3-Dichloropropene-	7.85	79	127828	44.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.12%			
47) 2-Hexanone-d5	8.31	63	280106	96.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.84%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	445368	49.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.32%			
64) 1,2-Dichlorobenzene-d4	11.86	152	225131	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.48%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2975	0.593	ug/L #	26
12) 1,1-Dichloroethene	2.27	96	2990	0.613	ug/L #	1
34) Trichloroethene	6.18	95	13887	2.519	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	5472	0.707	ug/L	91
46) Tetrachloroethene	8.23	164	2444	0.650	ug/L	82
48) 2-Hexanone	8.37	43	13281	1.653	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	31159	4.070	ug/L	95

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

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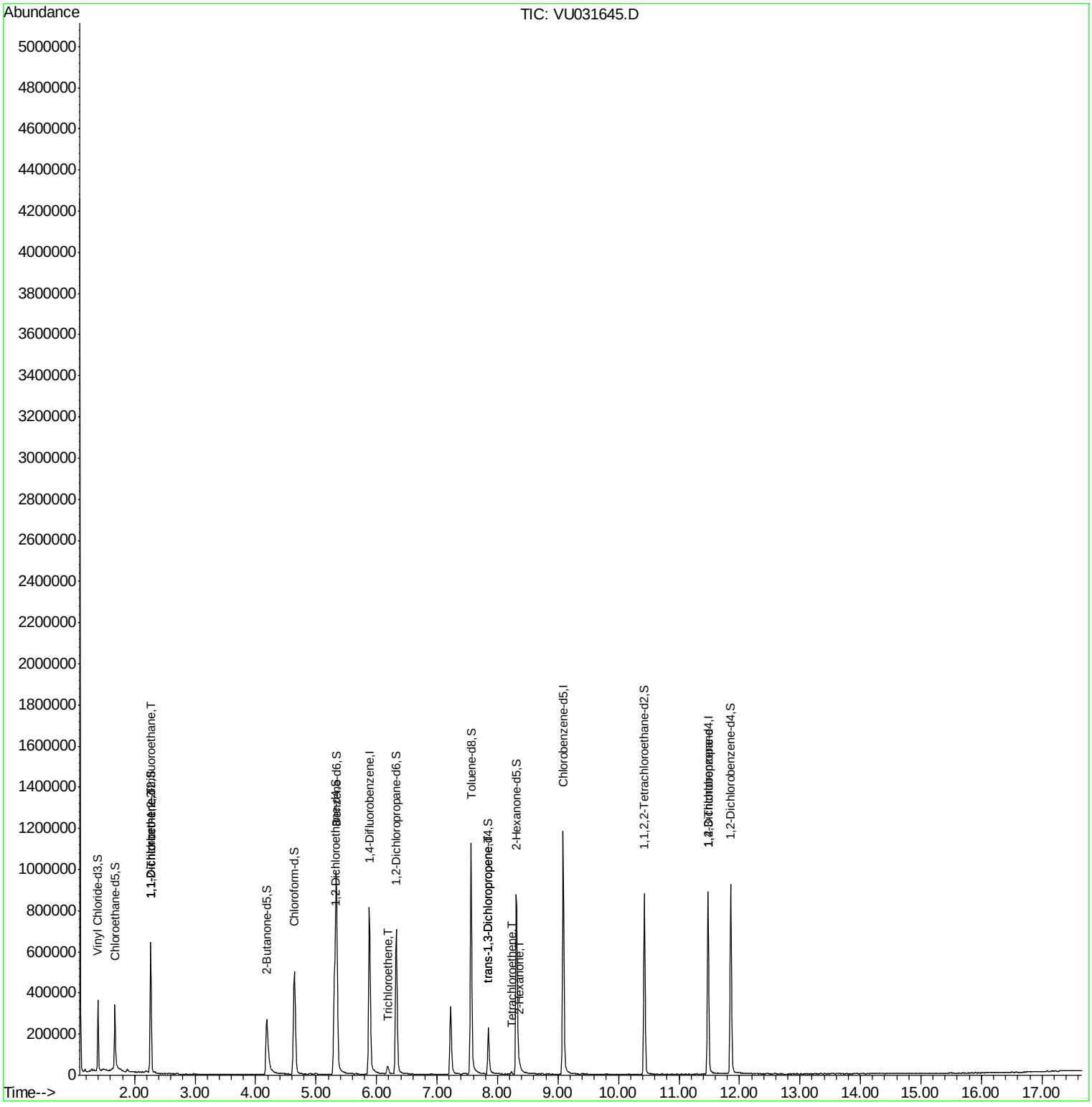
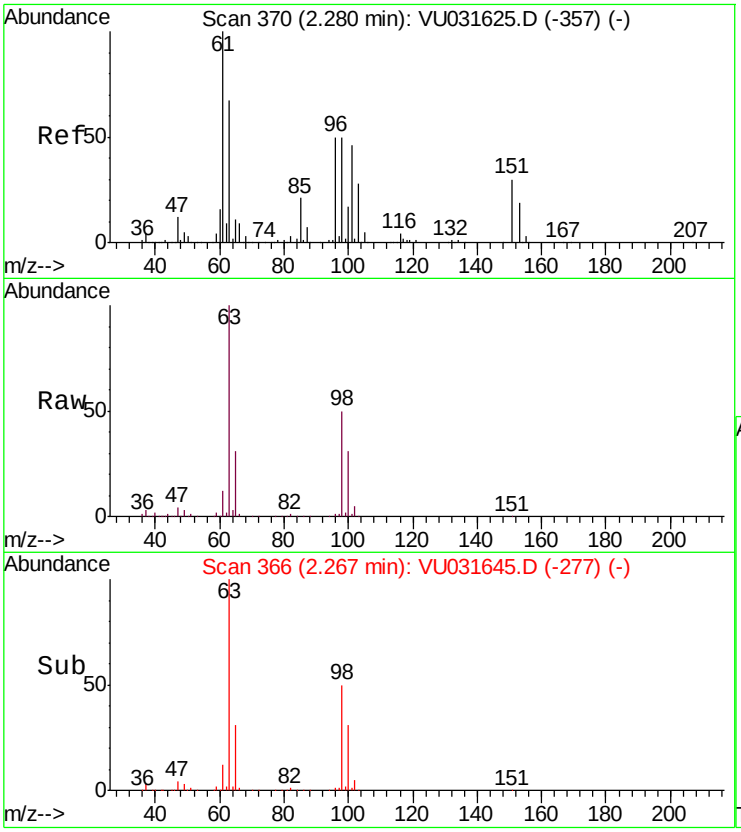


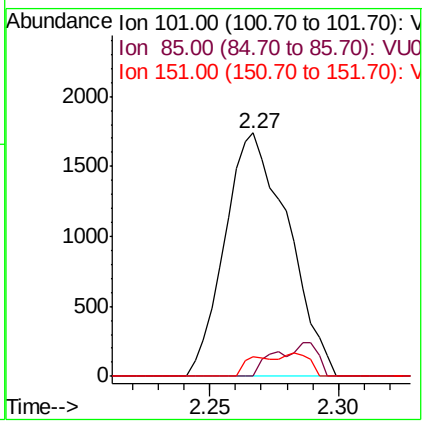


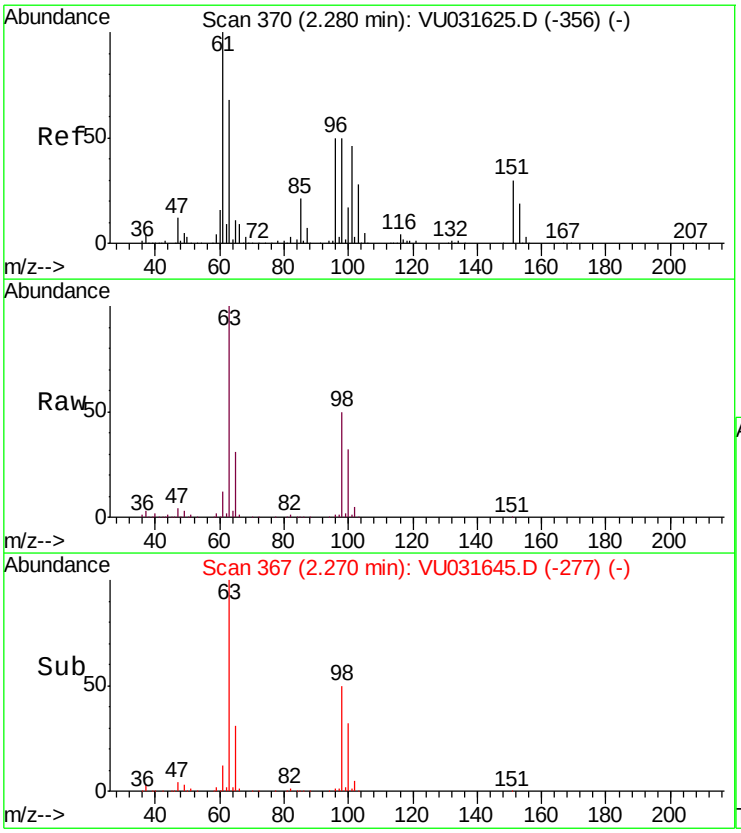
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.593 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:101 Resp: 2975

Ion	Ratio	Lower	Upper
101	100		
85	3.9	36.1	54.1#
151	3.3	56.1	84.1#

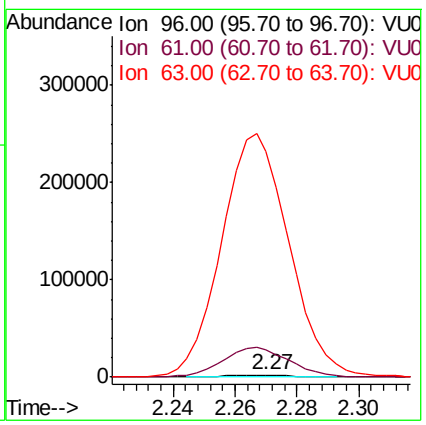


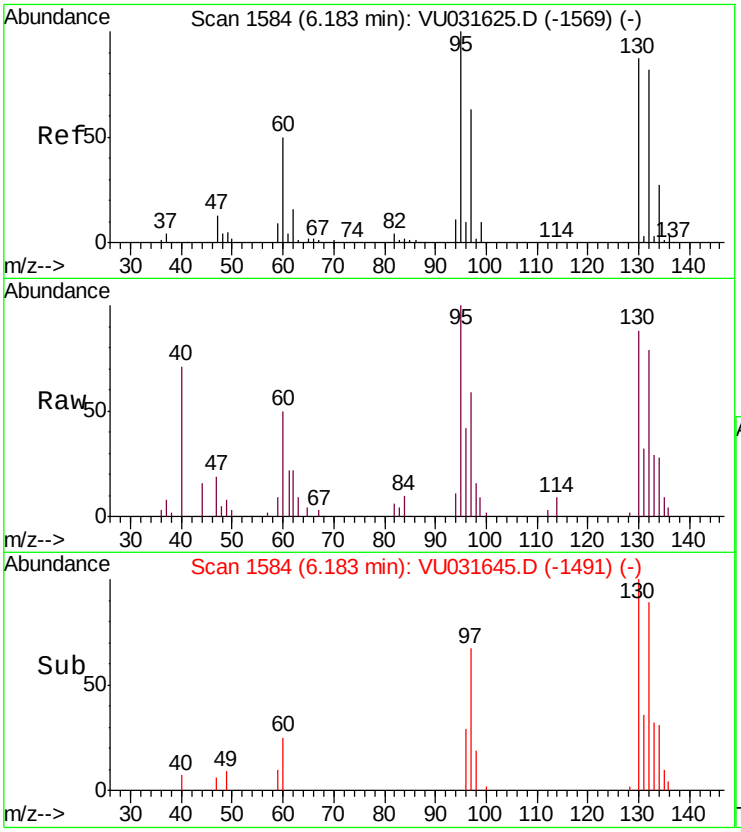


#12
1,1-Dichloroethene
Concen: 0.613 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Tgt Ion: 96 Resp: 2990

Ion	Ratio	Lower	Upper
96	100		
61	1335.8	135.0	250.6#
63	11121.8	103.5	192.3#



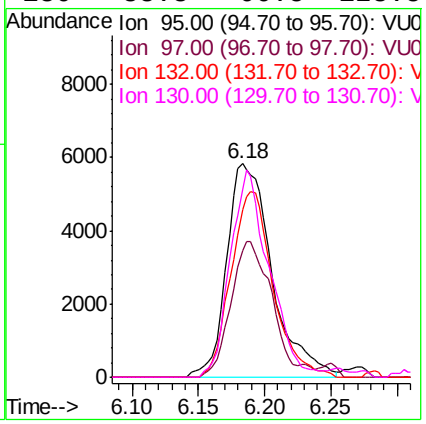


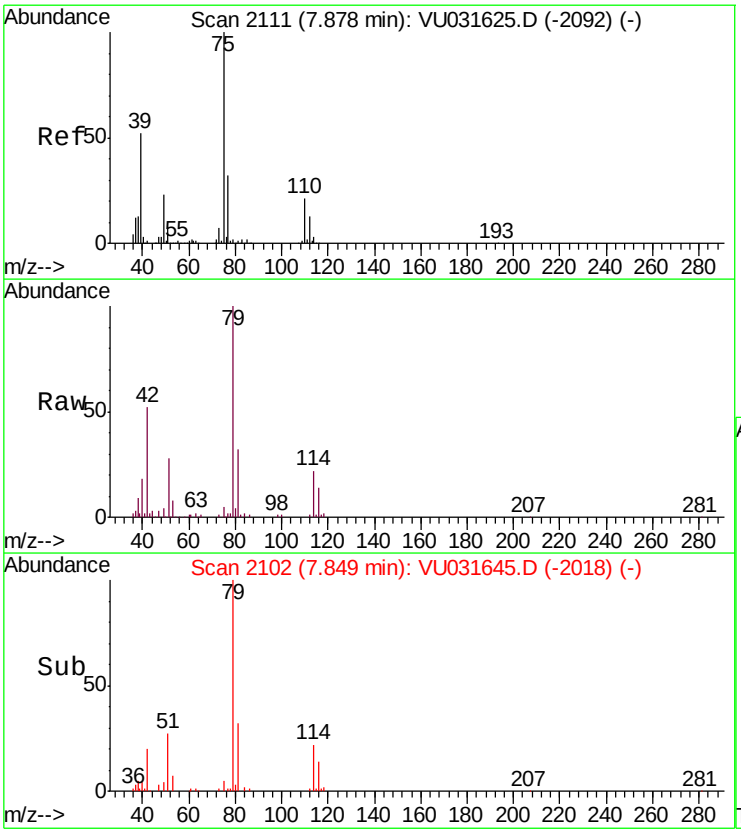
#34
Trichloroethene
Concen: 2.519 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 95 Resp: 13887

Ion	Ratio	Lower	Upper
95	100		
97	59.2	44.8	83.2
132	78.5	63.1	117.1
130	88.3	66.5	123.5

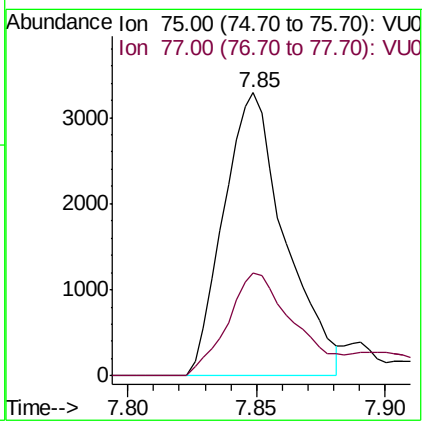


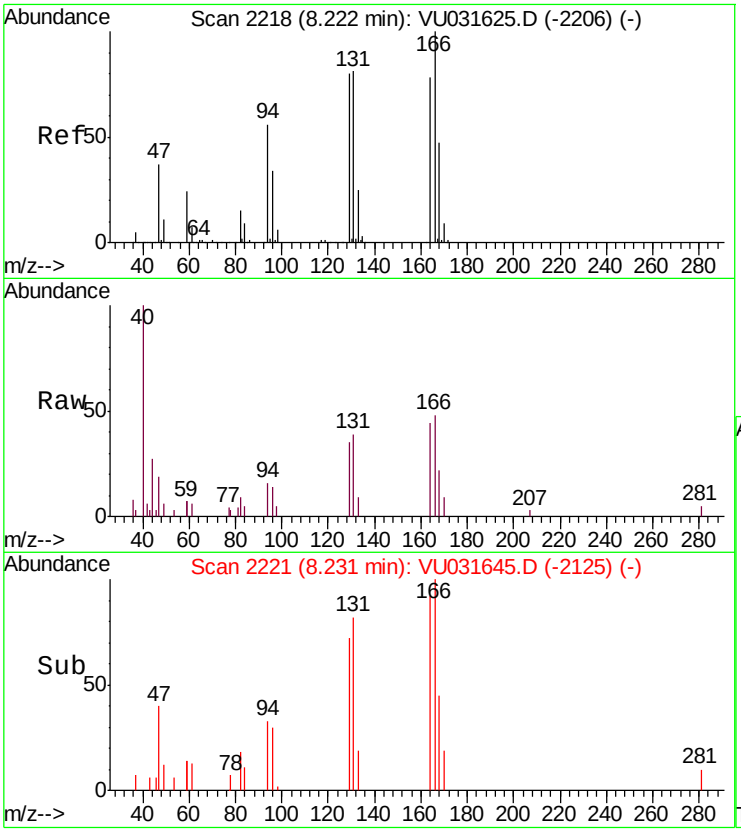


#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Tgt Ion: 75 Resp: 5472

Ion	Ratio	Lower	Upper
75	100		
77	36.6	22.1	41.1



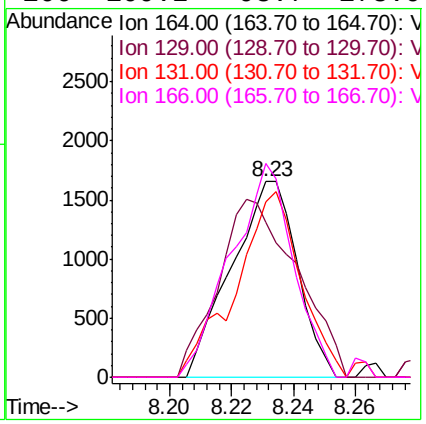


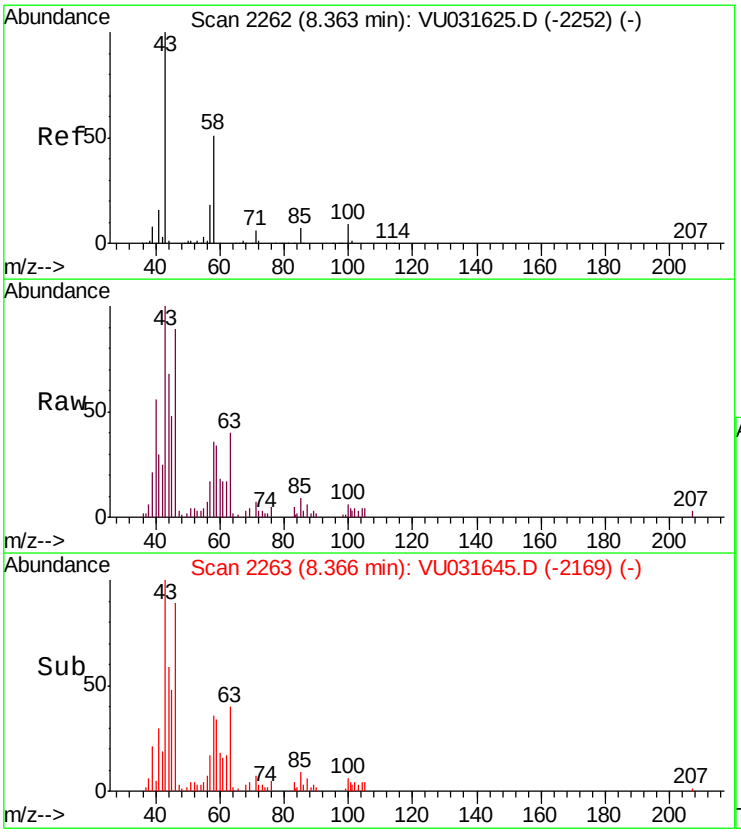
#46
Tetrachloroethene
Concen: 0.650 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion:164 Resp: 2444

Ion	Ratio	Lower	Upper
164	100		
129	79.2	71.5	132.9
131	89.4	69.0	128.2
166	109.2	93.7	173.9

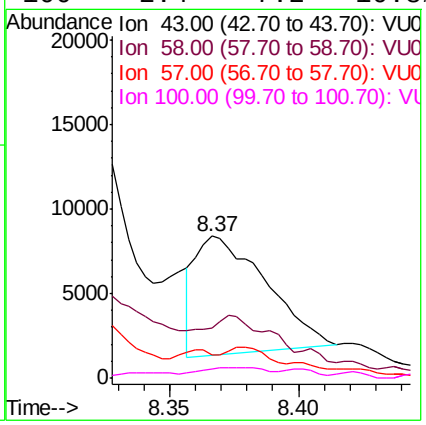


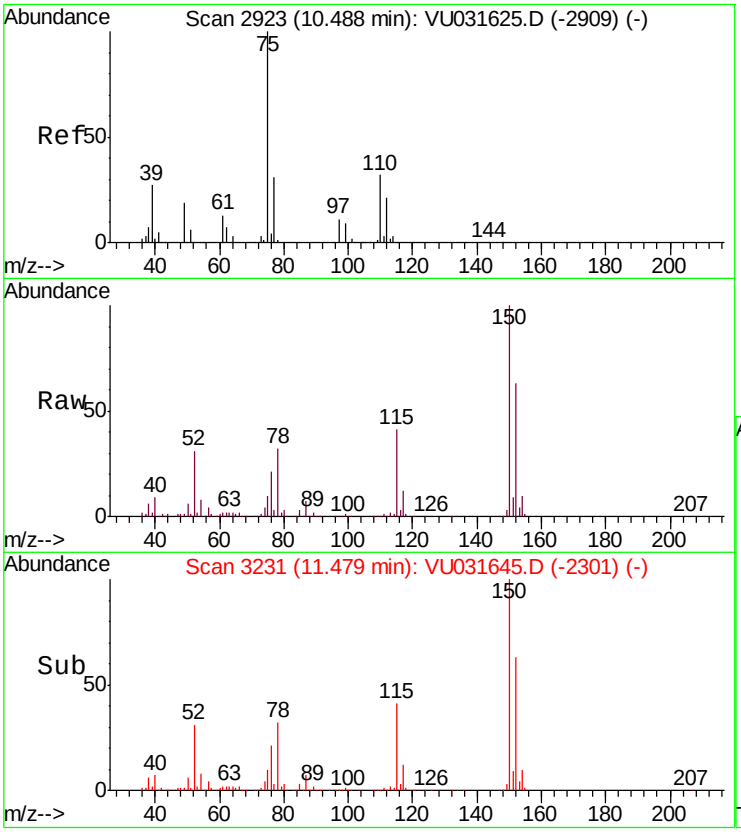


#48
2-Hexanone
Concen: 1.653 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Tgt Ion: 43 Resp: 13281

Ion	Ratio	Lower	Upper
43	100		
58	22.7	42.1	63.1#
57	7.7	14.6	22.0#
100	2.4	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 4.070 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031645.D
Acq: 30 Apr 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 31159

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.9	38.9