Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037934.D
Acq On : 30 Apr 2020 00:33
Operator : JC/MD
Sample : L2410-09
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 30 04:13:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	590454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	238789	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	239519	46.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.86%			
7) Chloroethane-d5	1.93	69	209955	52.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.02%			
11) 1,1-Dichloroethene-d2	2.59	63	292400	35.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.04%			
21) 2-Butanone-d5	4.66	46	398494	97.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.48%			
24) Chloroform-d	5.10	84	391348	49.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.74	65	292323	53.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.44%			
32) Benzene-d6	5.76	84	847908	54.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.28%			
36) 1,2-Dichloropropane-d6	6.72	67	291010	55.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.12%			
41) Toluene-d8	7.92	98	727872	50.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.14%			
43) trans-1,3-Dichloropropene-	8.20	79	109049	40.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.90%			
47) 2-Hexanone-d5	8.65	63	257593	90.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.34%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	398418	54.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.34%			
64) 1,2-Dichlorobenzene-d4	12.20	152	256752	55.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.52%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	3356	0.936	ug/L #	1
13) Acetone	2.65	43	7679	3.149	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	264229	60.209	ug/L	94
25) Chloroform	5.13	83	22530	2.980	ug/L	97
34) Trichloroethene	6.57	95	94797	22.992	ug/L	96
46) Tetrachloroethene	8.58	164	8314561	2759.029	ug/L	96
48) 2-Hexanone	8.71	43	26966	4.272	ug/L #	88

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

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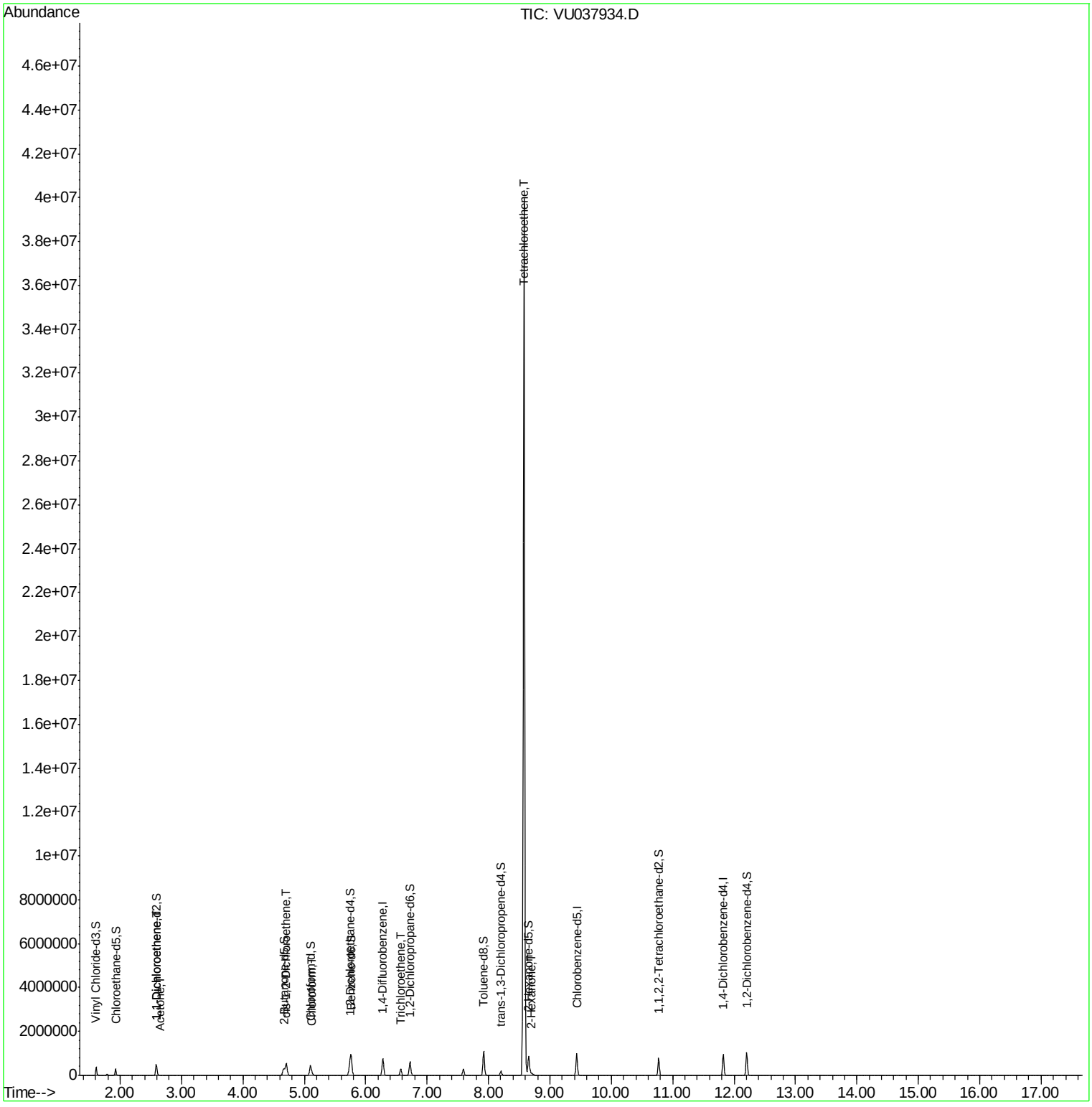
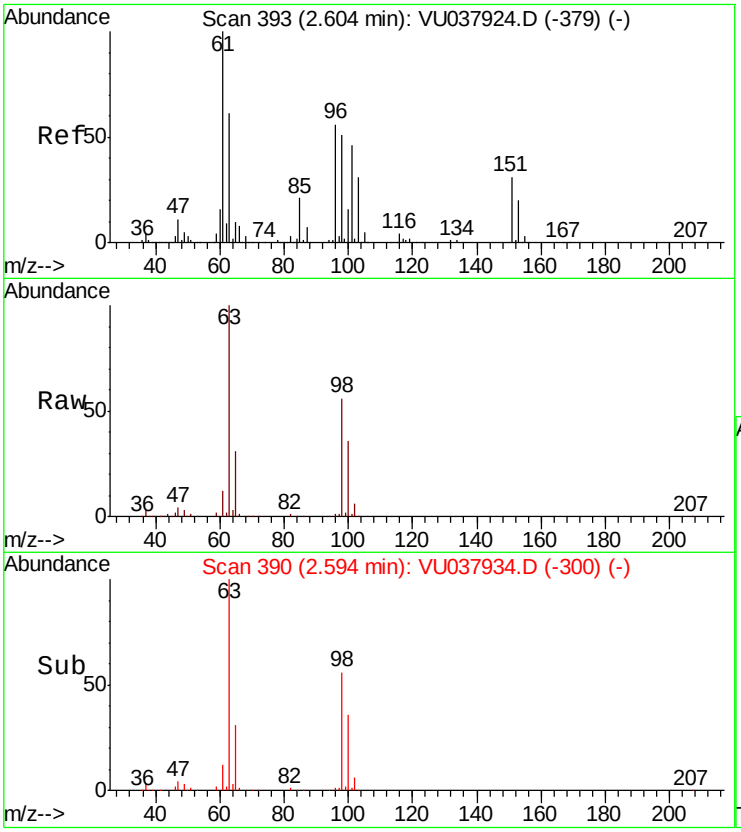


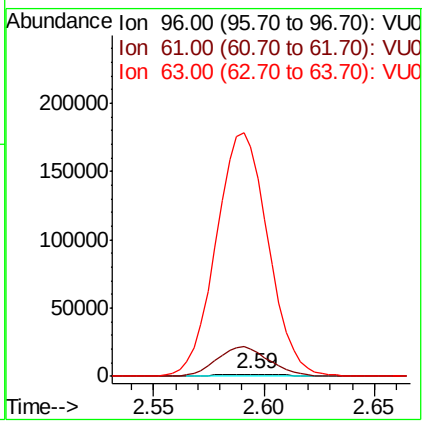


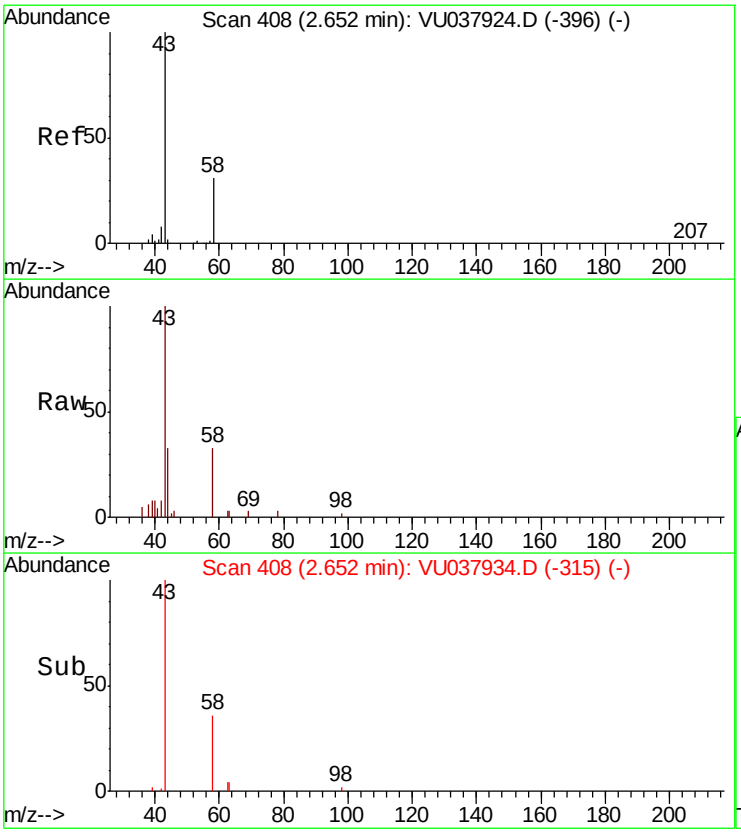
#12
1,1-Dichloroethene
Concen: 0.936 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3356

Ion	Ratio	Lower	Upper
96	100		
61	1263.5	134.1	249.0#
63	10661.2	96.5	179.1#

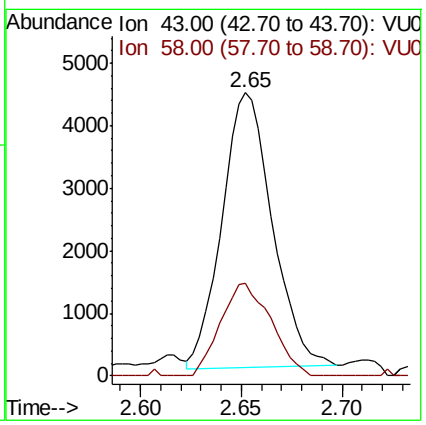


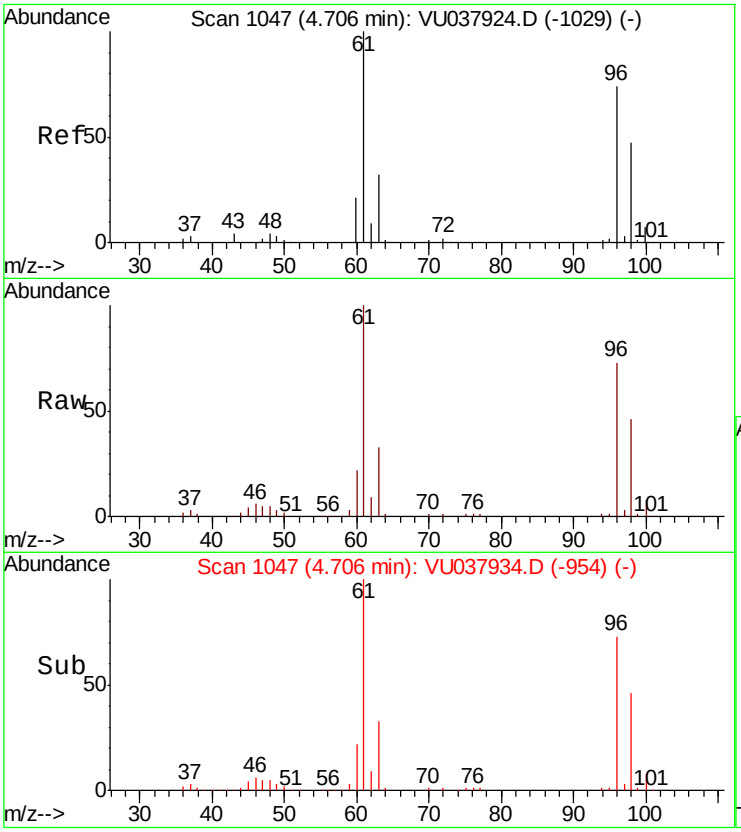


#13
Acetone
Concen: 3.149 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Tgt Ion: 43 Resp: 7679

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	62.0



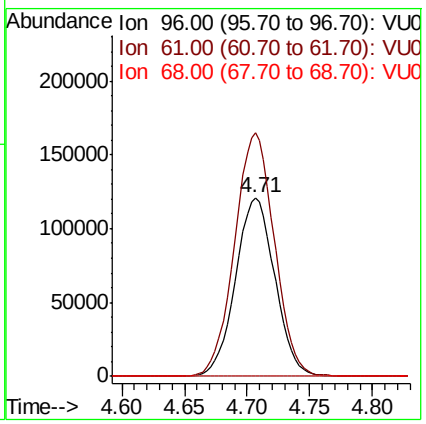


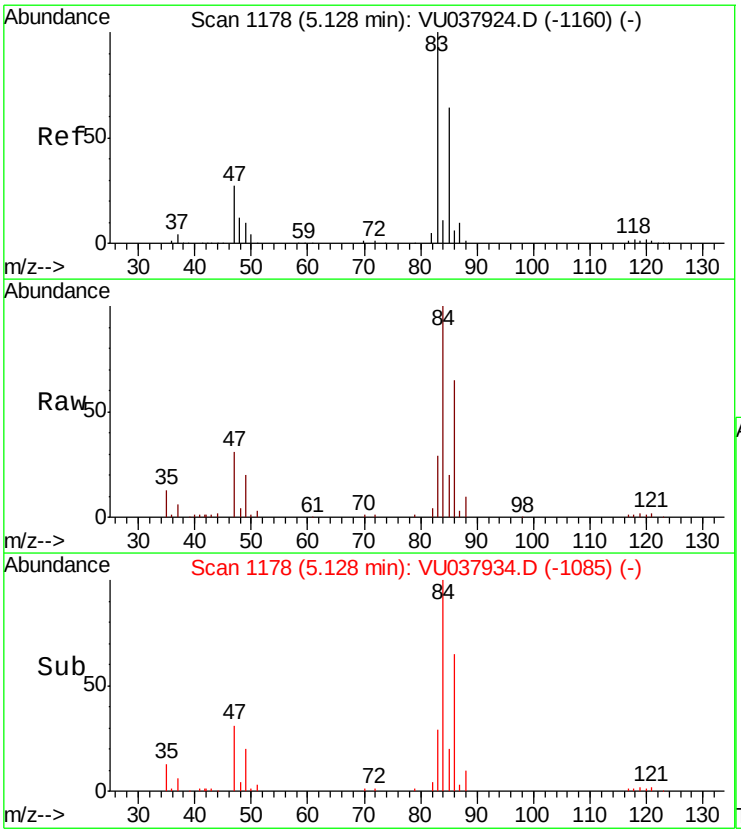
#20
cis-1,2-Dichloroethene
Concen: 60.209 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 264229

Ion	Ratio	Lower	Upper
96	100		
61	136.3	100.4	186.4
68	0.0	0.0	0.0

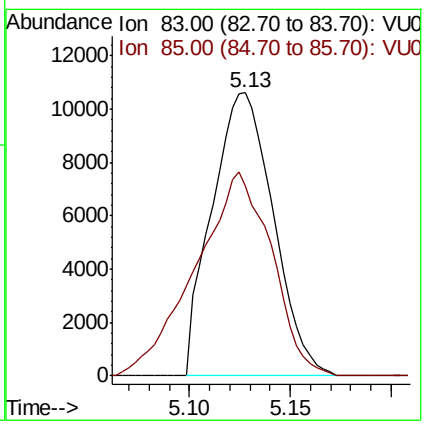


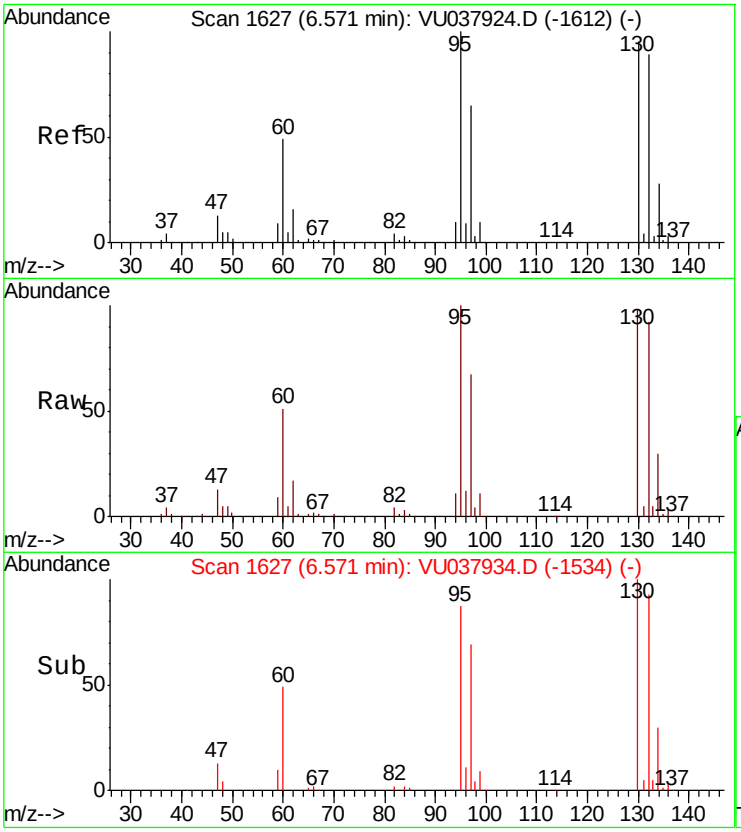


#25
Chloroform
Concen: 2.980 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Tgt Ion: 83 Resp: 22530

Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.1	83.9



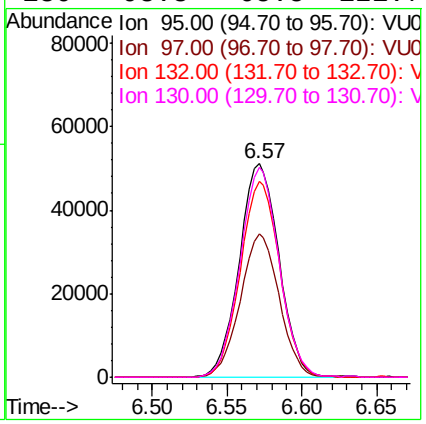


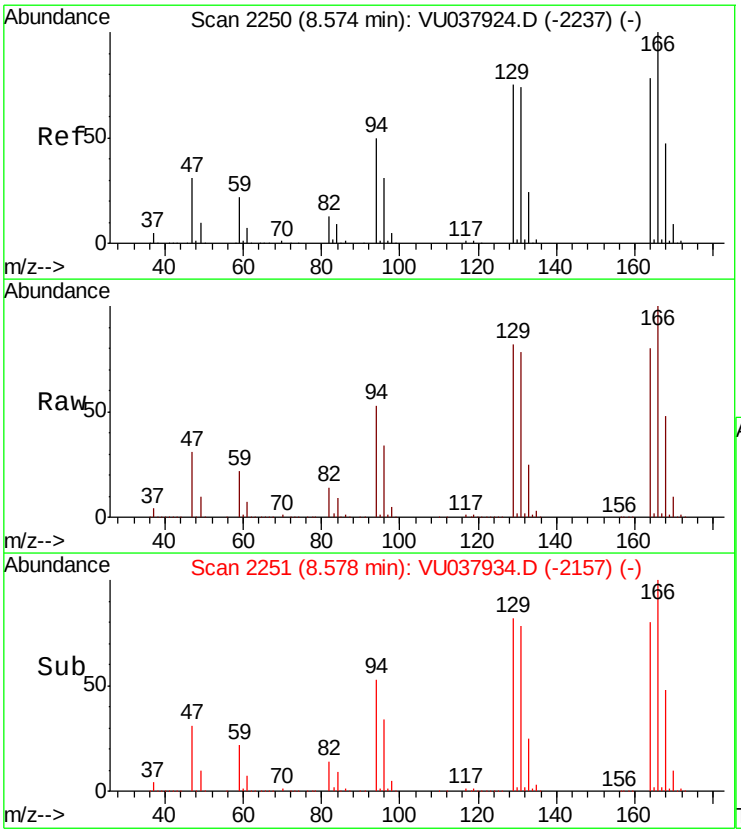
#34
Trichloroethene
Concen: 22.992 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 94797

Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.4	82.5
132	91.6	65.0	120.6
130	98.3	65.5	121.7

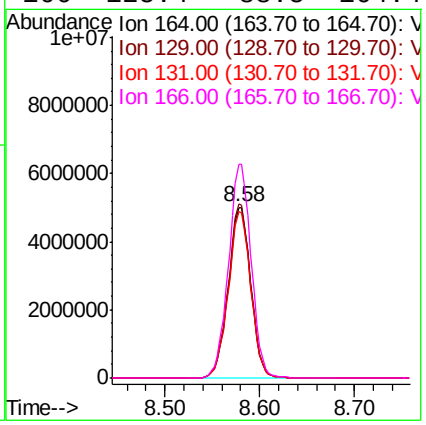


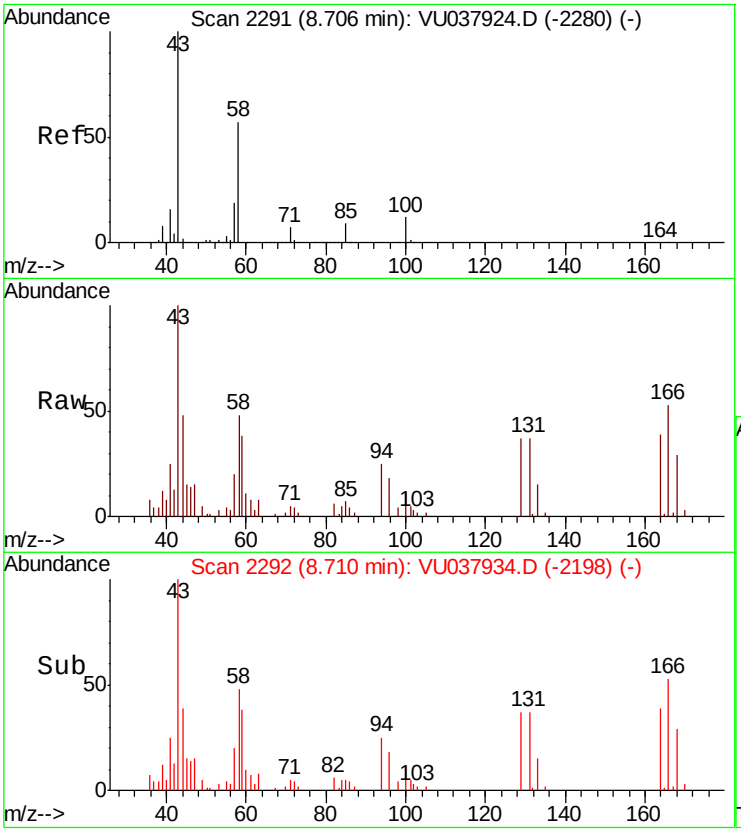


#46
Tetrachloroethene
Concen: 2759.029 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Tgt Ion:164 Resp: 8314561

Ion	Ratio	Lower	Upper
164	100		
129	102.3	67.3	125.1
131	97.4	64.8	120.4
166	125.4	88.5	164.4





#48
2-Hexanone
Concen: 4.272 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU037934.D
Acq: 30 Apr 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 26966

Ion	Ratio	Lower	Upper
43	100		
58	41.1	42.6	63.8#
57	18.1	14.6	22.0
100	8.2	8.6	13.0#