Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028878.D
Acq On : 21 Dec 2018 17:00
Operator : MD/SY
Sample : J6506-18RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 21 23:32:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70682	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55031	37.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.66%			
7) Chloroethane-d5	1.67	69	47845	42.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.04%			
11) 1,1-Dichloroethene-d2	2.27	63	74430	30.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.06%			
21) 2-Butanone-d5	4.18	46	119056	115.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.28%			
24) Chloroform-d	4.65	84	105126	45.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.70%			
26) 1,2-Dichloroethane-d4	5.31	65	68838	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%			
32) Benzene-d6	5.34	84	228225	46.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.22%			
36) 1,2-Dichloropropane-d6	6.33	67	81739	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.28%			
41) Toluene-d8	7.57	98	195653	44.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.18%			
43) trans-1,3-Dichloropropene-	7.85	79	34109	45.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.52%			
47) 2-Hexanone-d5	8.31	63	92617	117.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.23%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118730	51.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.90%			
64) 1,2-Dichlorobenzene-d4	11.86	152	73013	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1794	0.880	ug/L	99
8) Chloroethane	1.40	64	814	0.792	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	688	0.577	ug/L #	20
13) Acetone	2.32	43	3340	3.174	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	1829	1.264	ug/L	85
27) 1,2-Dichloroethane	5.34	62	1125	0.641	ug/L #	74
34) Trichloroethene	6.19	95	2280	1.712	ug/L	94
37) 1,2-Dichloropropane	6.33	63	7655	4.963	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1921	0.874	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1291	0.659	ug/L	100
45) 1,1,2-Trichloroethane	8.22	97	583	0.442	ug/L #	1
46) Tetrachloroethene	8.22	164	82069	79.992	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8814	4.788	ug/L	98

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

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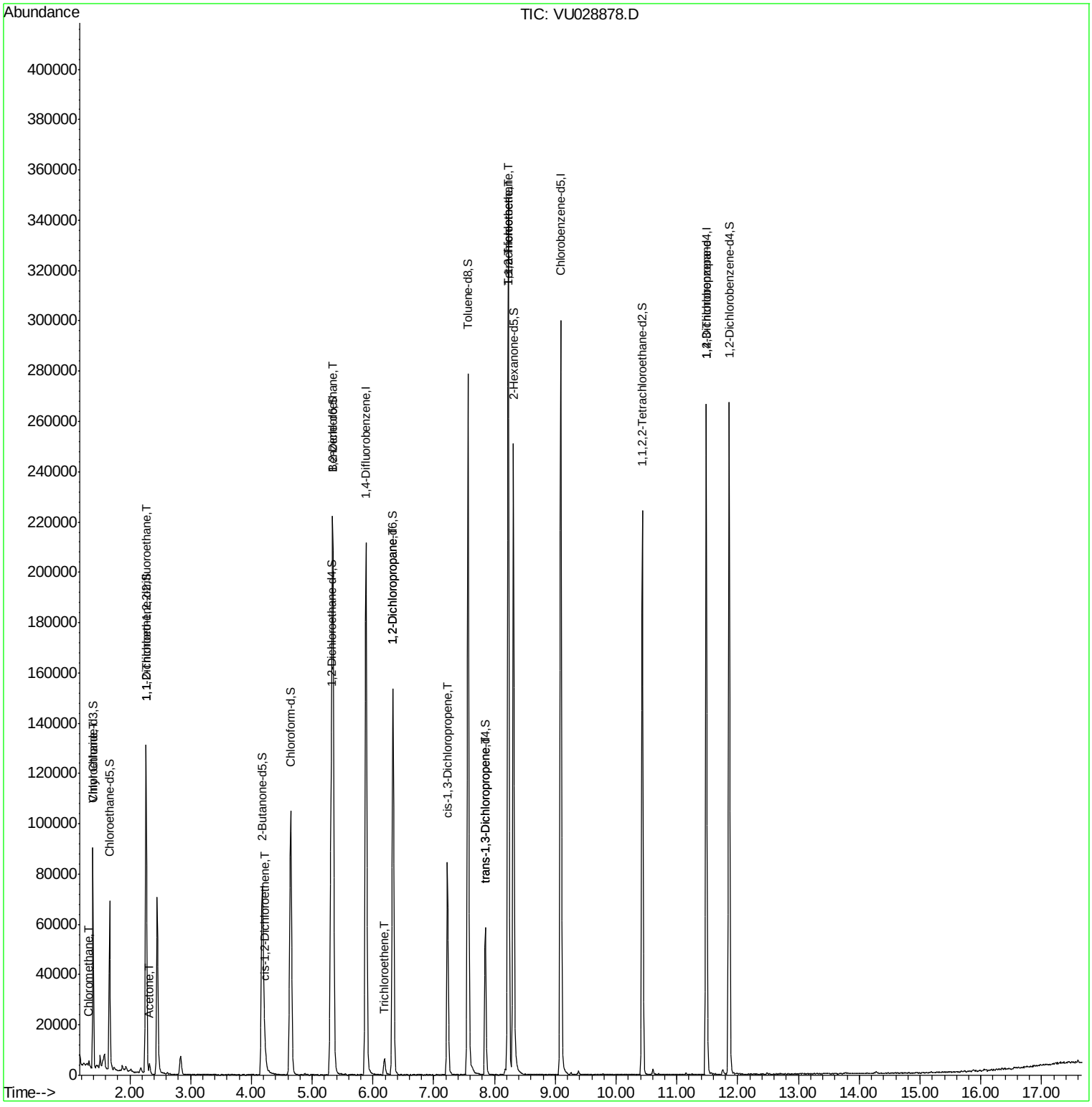
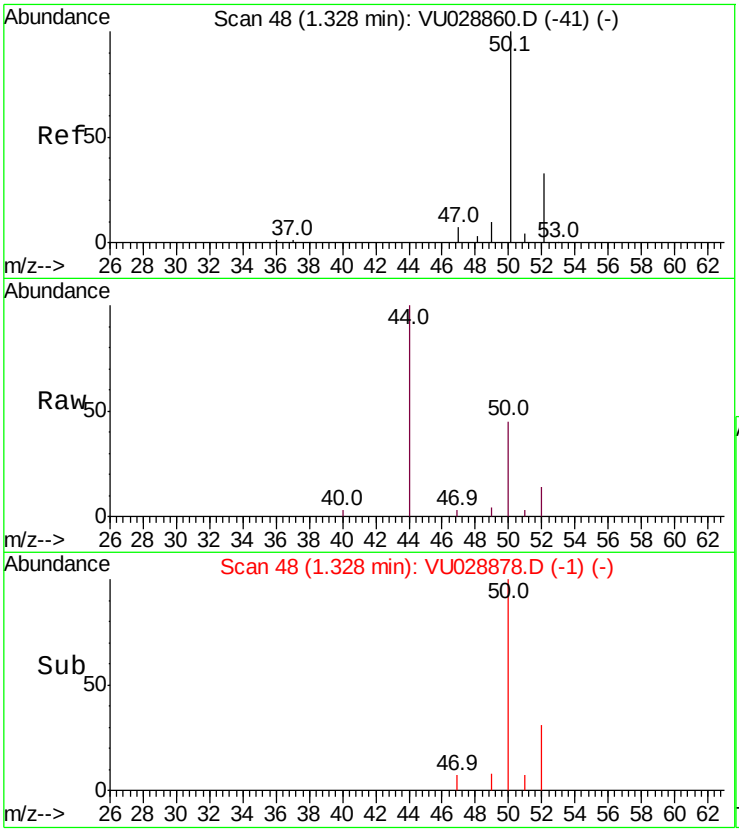
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

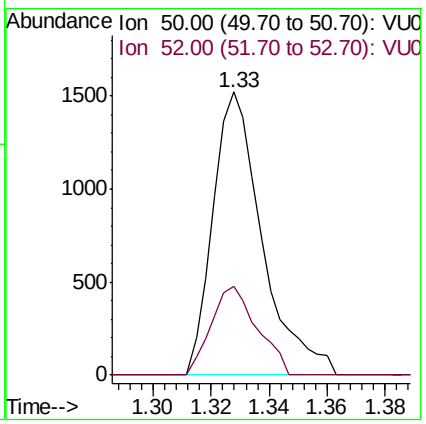


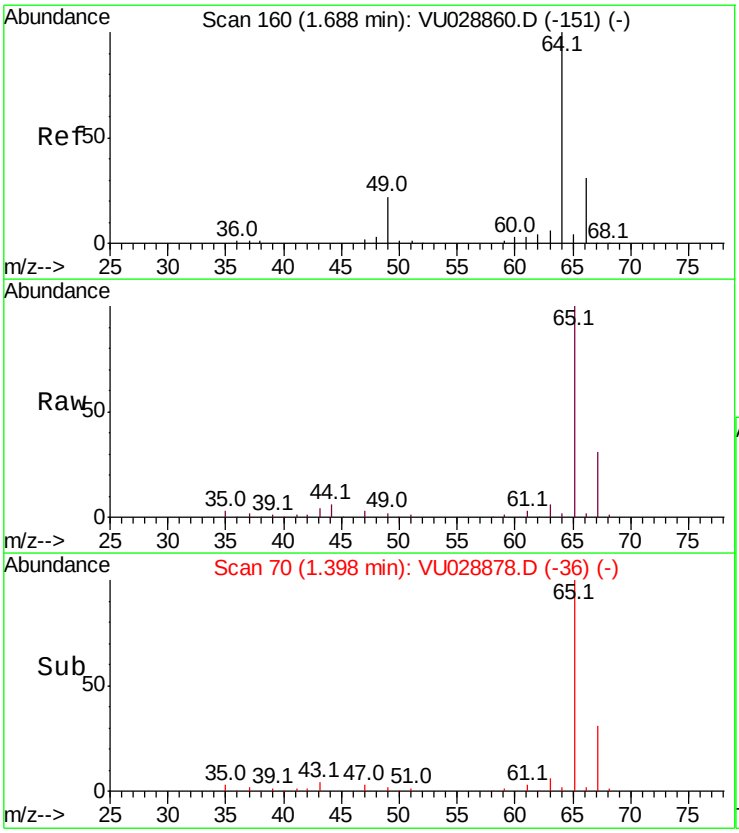


#3
Chloromethane
Concen: 0.880 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 50 Resp: 1794

Ion	Ratio	Lower	Upper
50	100		
52	31.2	22.3	41.3

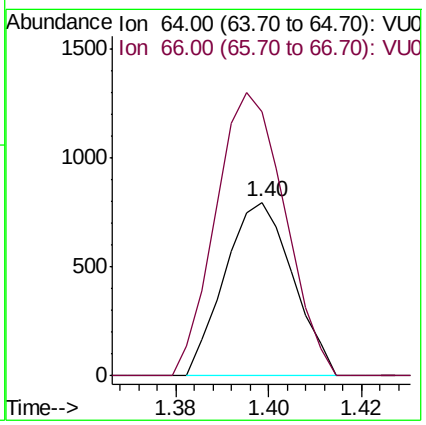


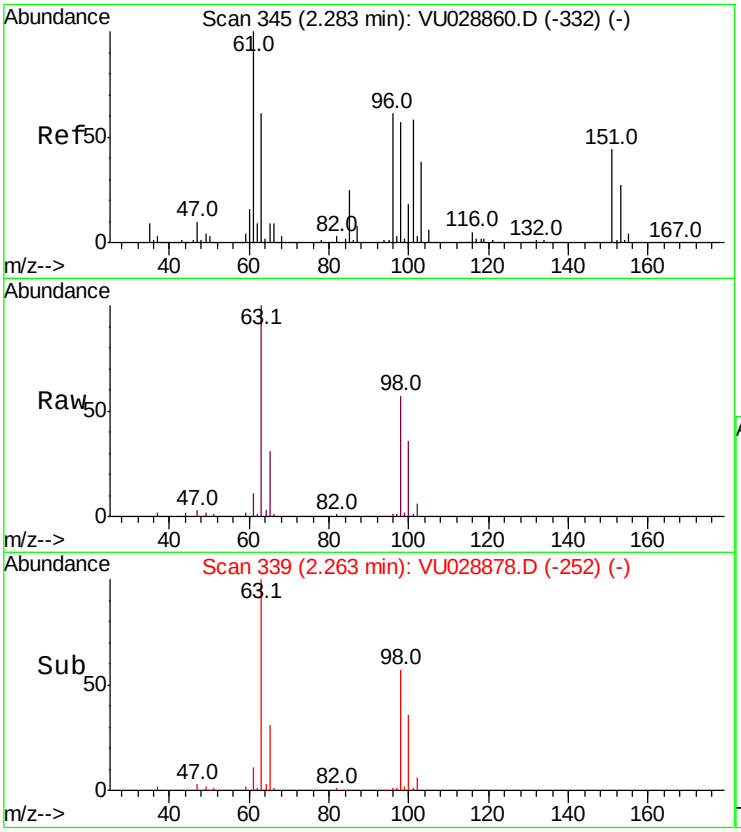


#8
Chloroethane
Concen: 0.792 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 64 Resp: 814

Ion	Ratio	Lower	Upper
64	100		
66	152.3	21.5	39.9#

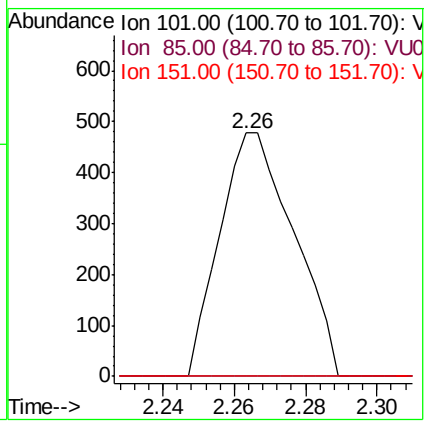


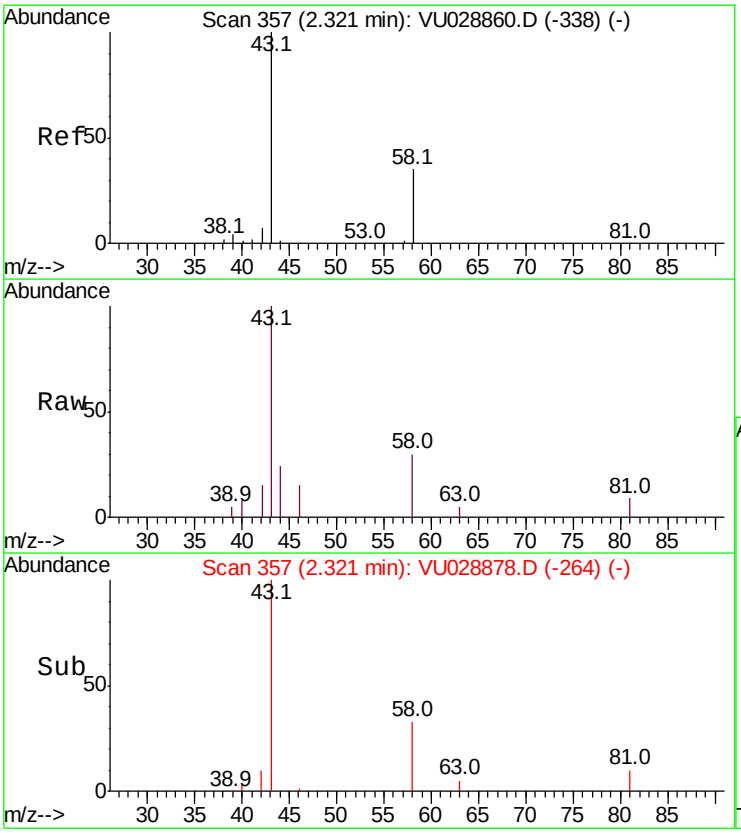


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.577 ug/L
RT: 2.26 min Scan# 339
Delta R.T. -0.02 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion:101 Resp: 688

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#

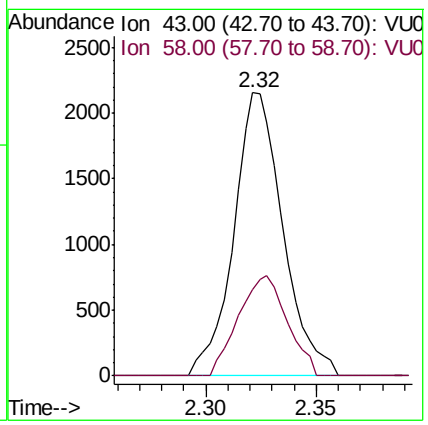


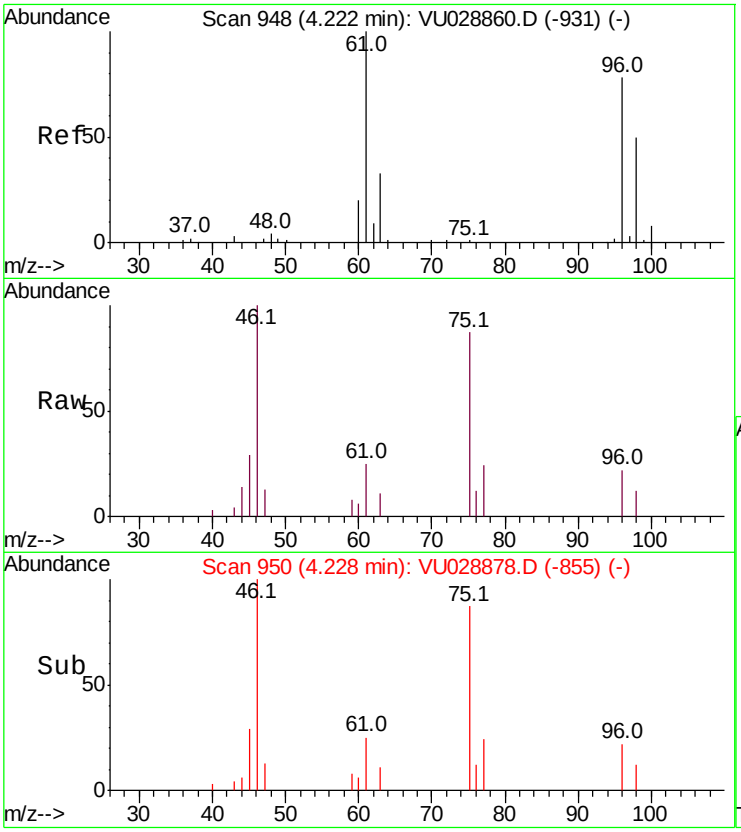


#13
Acetone
Concen: 3.174 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 43 Resp: 3340

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	70.2

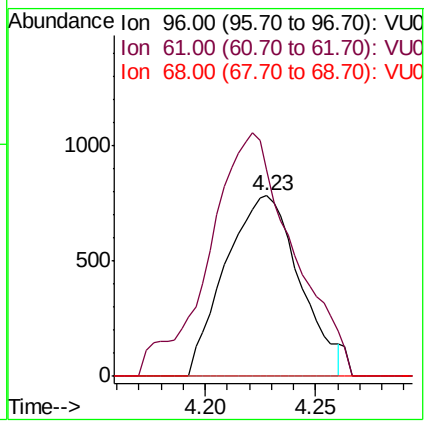


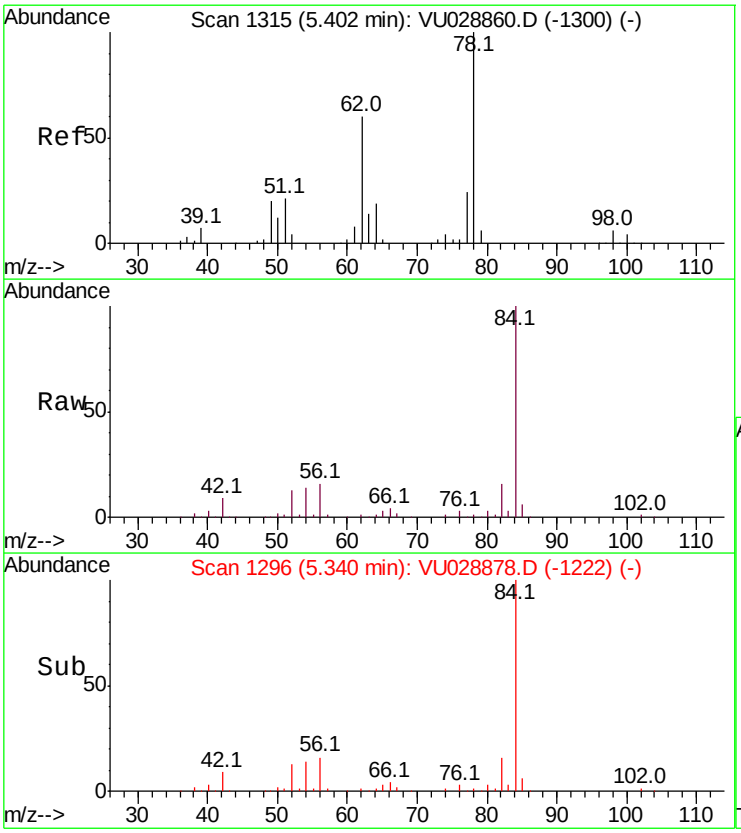


#20
cis-1,2-Dichloroethene
Concen: 1.264 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 96 Resp: 1829

Ion	Ratio	Lower	Upper
96	100		
61	114.2	92.1	171.1
68	0.0	0.0	0.0

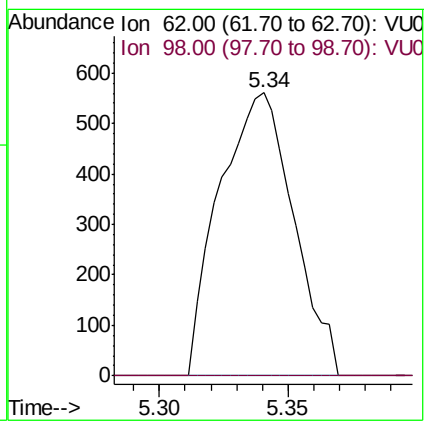


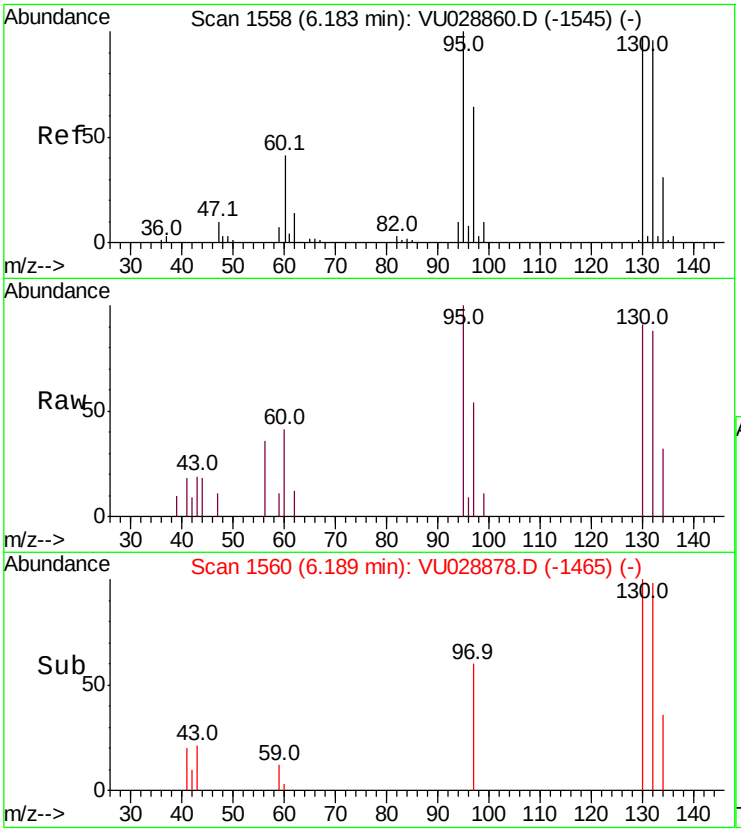


#27
1,2-Dichloroethane
Concen: 0.641 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 62 Resp: 1125

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

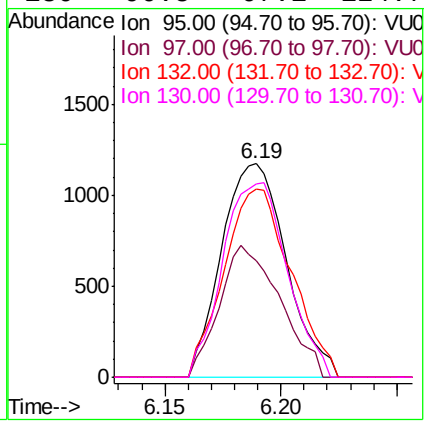


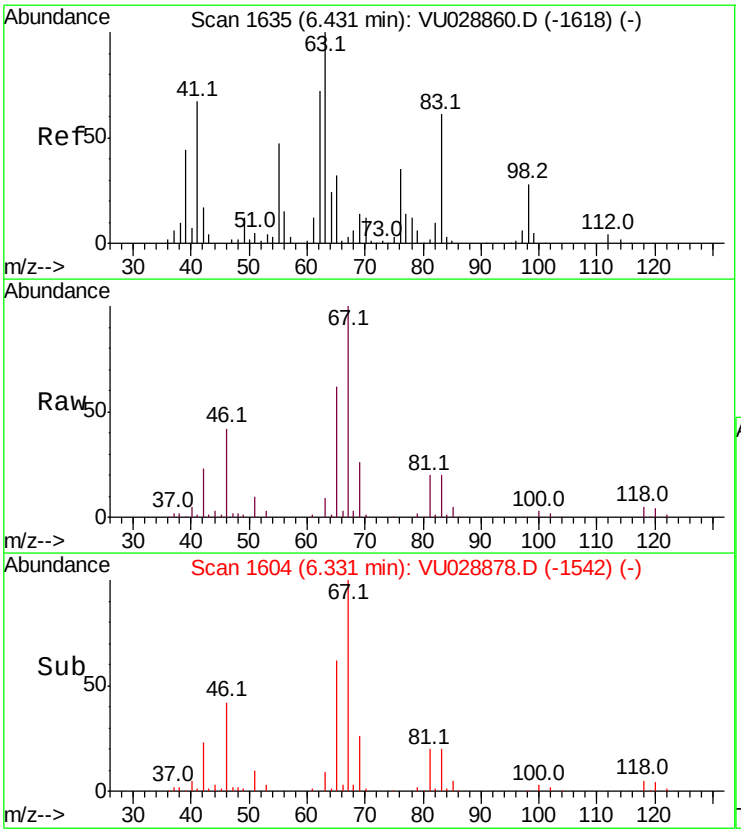


#34
Trichloroethene
Concen: 1.712 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 95 Resp: 2280

Ion	Ratio	Lower	Upper
95	100		
97	54.4	43.3	80.3
132	88.3	64.2	119.2
130	90.5	67.1	124.7

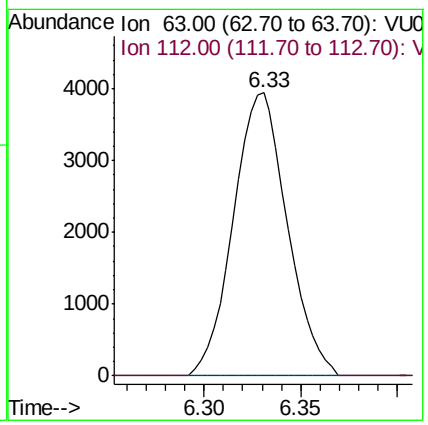


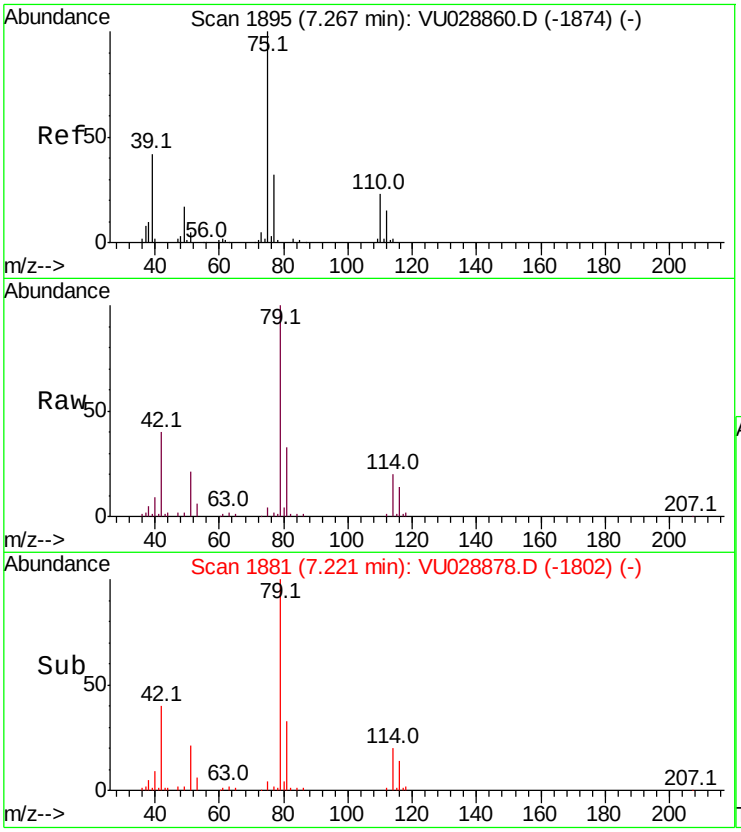


#37
1,2-Dichloropropane
Concen: 4.963 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 63 Resp: 7655

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

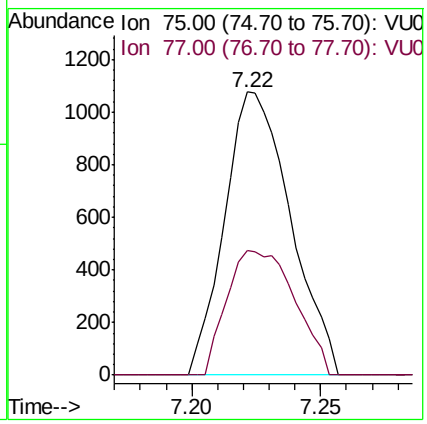


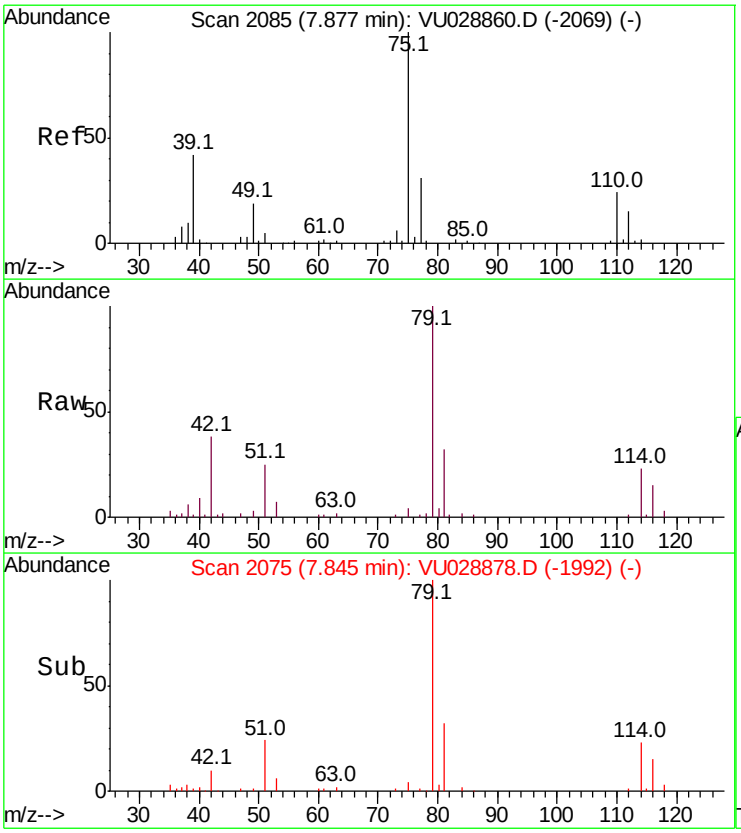


#39
cis-1,3-Dichloropropene
Concen: 0.874 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.05 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 75 Resp: 1921

Ion	Ratio	Lower	Upper
75	100		
77	44.0	21.8	40.6#

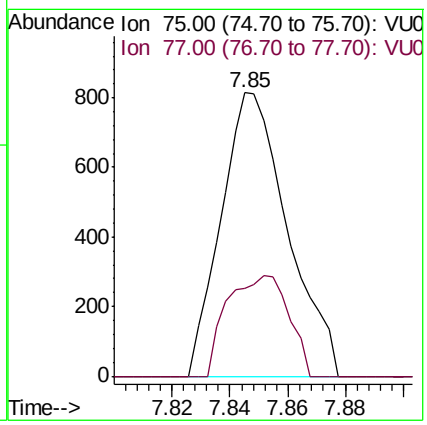


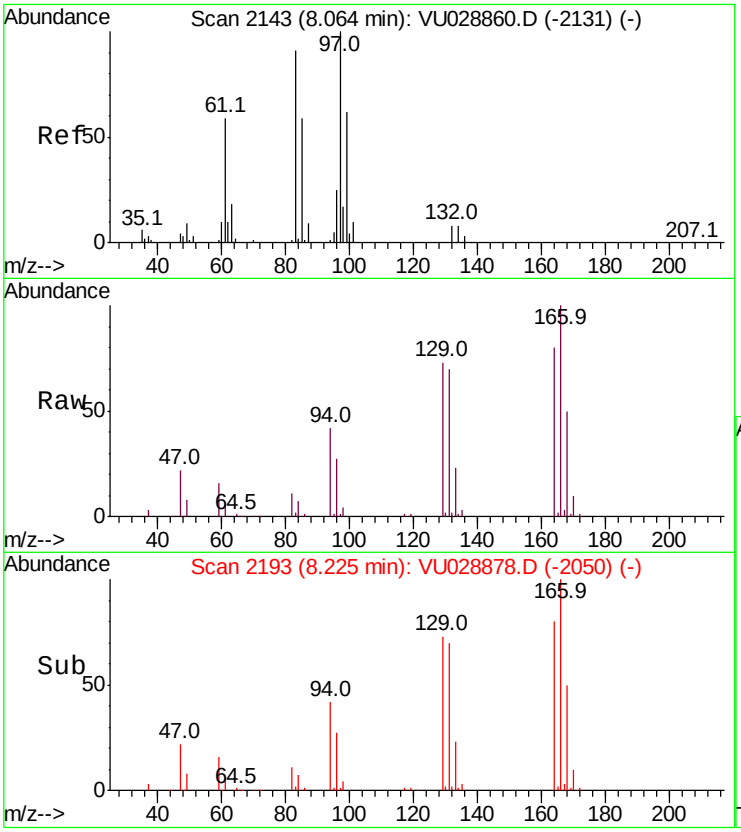


#44
trans-1,3-Dichloropropene
Concen: 0.659 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 75 Resp: 1291

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.8	40.6

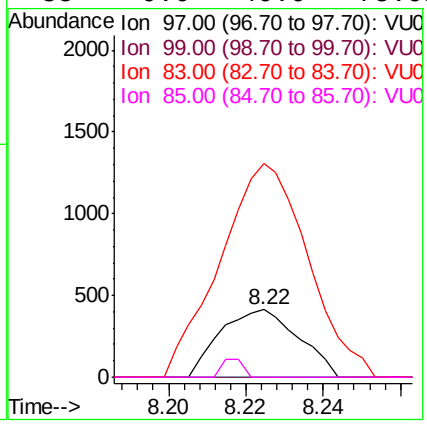


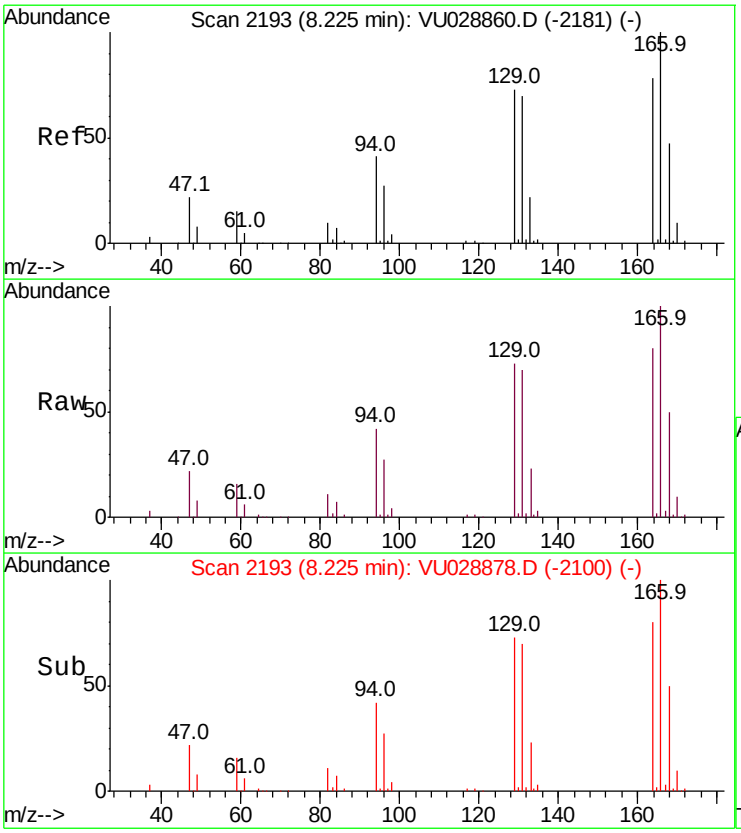


#45
1,1,2-Trichloroethane
Concen: 0.442 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.16 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 97 Resp: 583

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	315.5	64.5	119.9#
85	0.0	40.9	75.9#

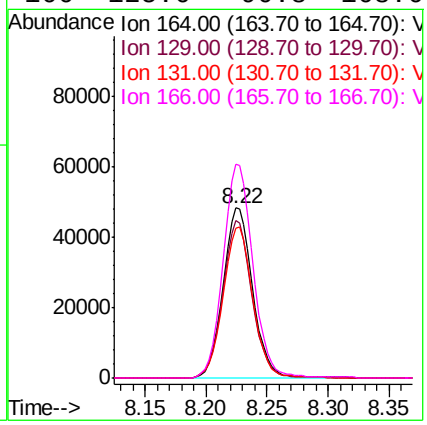


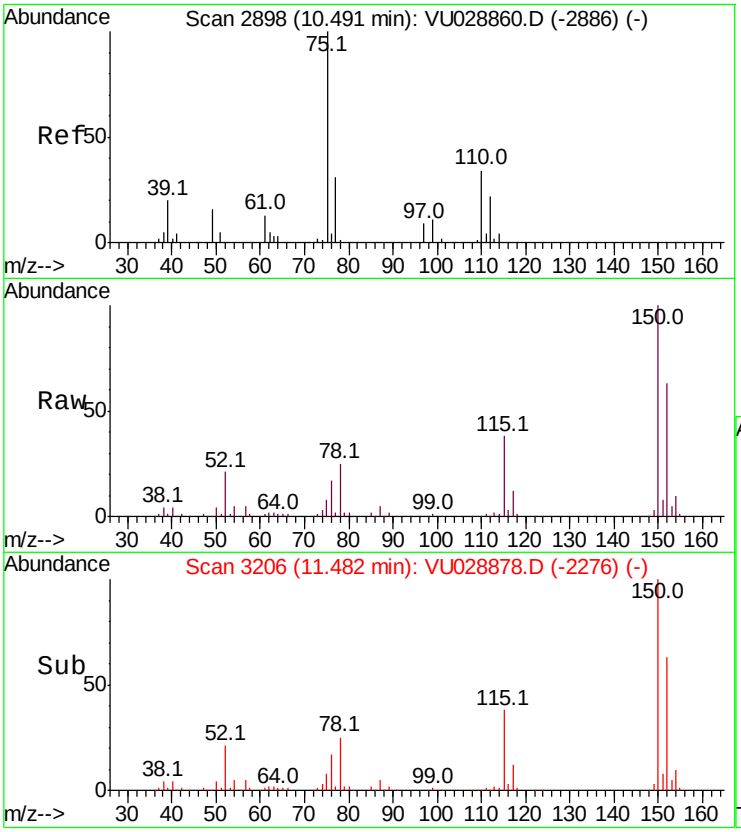


#46
Tetrachloroethene
Concen: 79.992 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion:164 Resp: 82069

Ion	Ratio	Lower	Upper
164	100		
129	92.3	66.8	124.0
131	88.2	64.2	119.2
166	125.6	90.8	168.6





#59
1,2,3-Trichloropropane
Concen: 4.788 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028878.D
Acq: 21 Dec 2018 17:00

Tgt Ion: 75 Resp: 8814

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3