Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\

Quantitation Report (Not Reviewed)

Data File : VU028897.D
Acq On : 22 Dec 2018 00:42
Operator : MD/SY
Sample : J6535-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 22 02:00:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64684	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60752	44.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.80%			
7) Chloroethane-d5	1.67	69	49459	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.58%			
11) 1,1-Dichloroethene-d2	2.27	63	81086	35.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.48%			
21) 2-Butanone-d5	4.18	46	107400	112.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.02%			
24) Chloroform-d	4.64	84	105449	49.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.31	65	68018	51.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.56%			
32) Benzene-d6	5.34	84	234575	52.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.50%			
36) 1,2-Dichloropropane-d6	6.33	67	80659	52.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.78%			
41) Toluene-d8	7.57	98	203689	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
43) trans-1,3-Dichloropropene-	7.85	79	32945	48.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.42%			
47) 2-Hexanone-d5	8.31	63	82491	113.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.89%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109672	51.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	71407	54.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.16%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	1280	0.676	ug/L	96
8) Chloroethane	1.40	64	899	0.942	ug/L #	1
9) Trichlorofluoromethane	1.88	101	32791	19.179	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	715	0.646	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	686	0.627	ug/L #	1
13) Acetone	2.32	43	2008	2.055	ug/L	91
27) 1,2-Dichloroethane	5.34	62	1138	0.698	ug/L #	74
34) Trichloroethene	6.19	95	9266	7.587	ug/L	99
35) Methylcyclohexane	6.33	83	16776	8.247	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7540	5.332	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1798	0.892	ug/L #	63
40) 4-Methyl-2-pentanone	7.39	43	936	0.492	ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	1131	0.629	ug/L #	71
46) Tetrachloroethene	8.22	164	70765	75.231	ug/L	95
48) 2-Hexanone	8.31	43	9836	6.305	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	7929	4.698	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\

Quantitation Report (Not Reviewed)

Data File : VU028897.D
Acq On : 22 Dec 2018 00:42
Operator : MD/SY
Sample : J6535-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 22 02:00:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

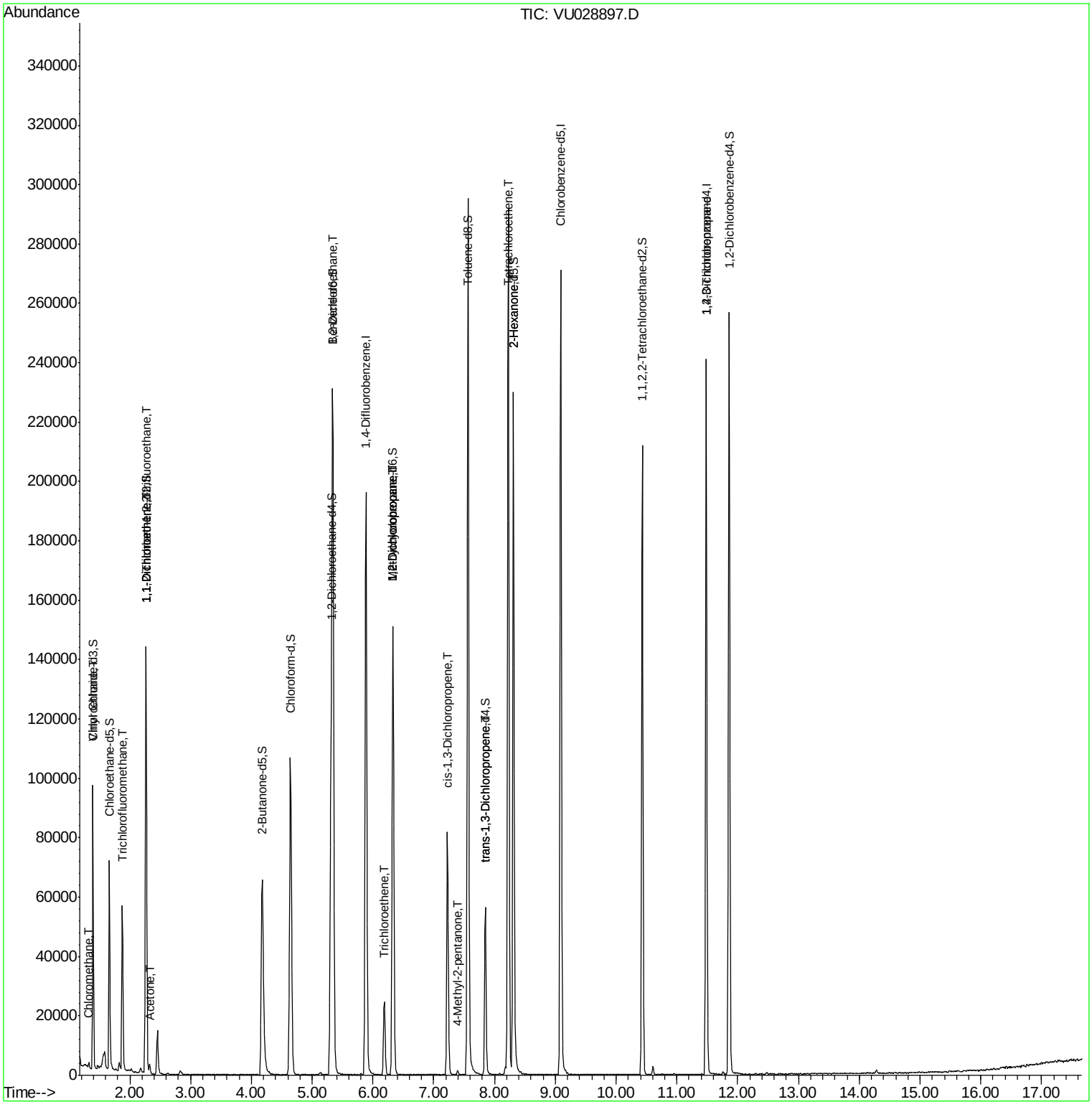
(#) = qualifier out of range (m) = manual integration (+) = signals summed

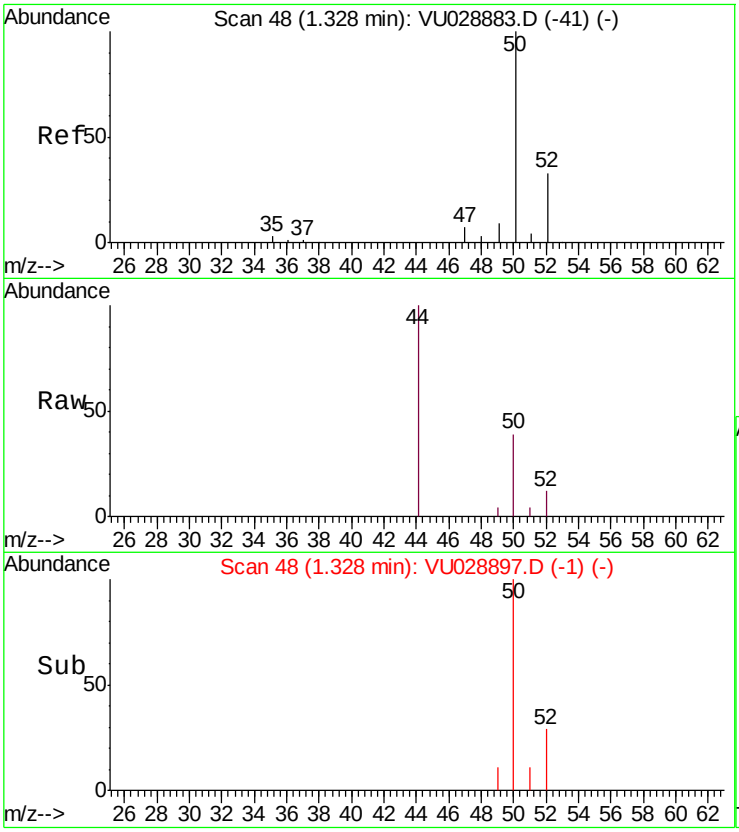
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\

Quantitation Report (Not Reviewed)

Data File : VU028897.D
Acq On : 22 Dec 2018 00:42
Operator : MD/SY
Sample : J6535-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 22 02:00:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

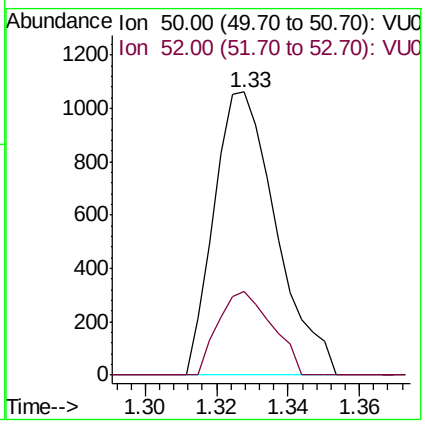


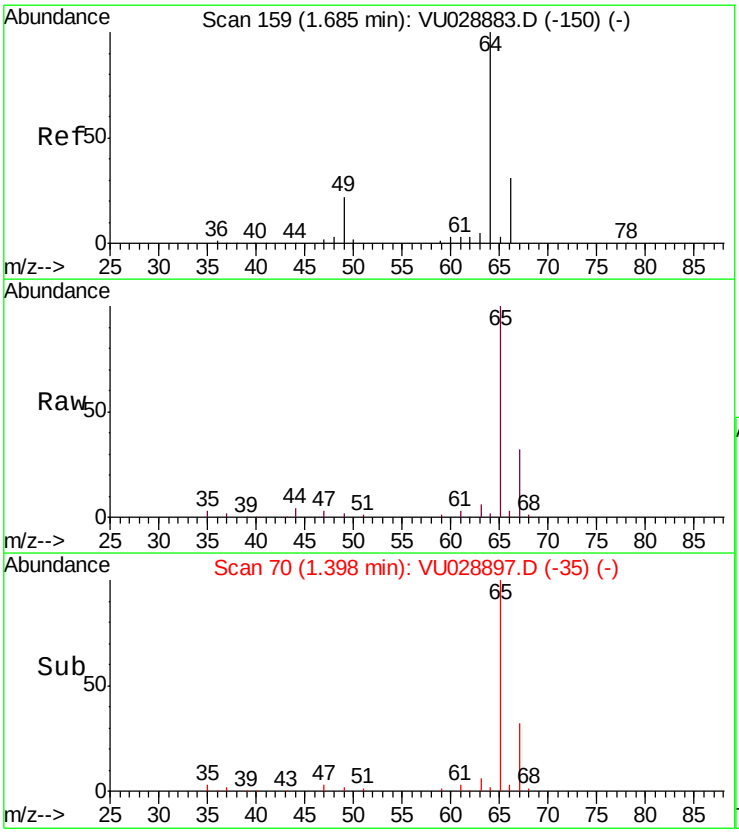


#3
Chloromethane
Concen: 0.676 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 50 Resp: 1280

Ion	Ratio	Lower	Upper
50	100		
52	29.4	22.3	41.3

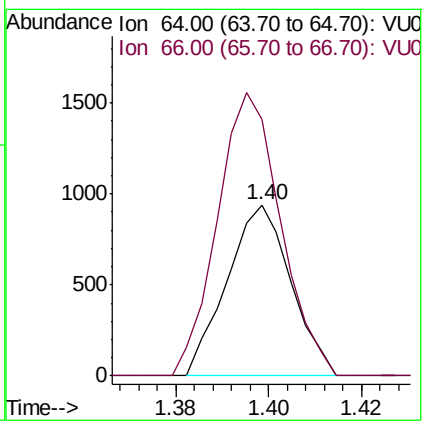


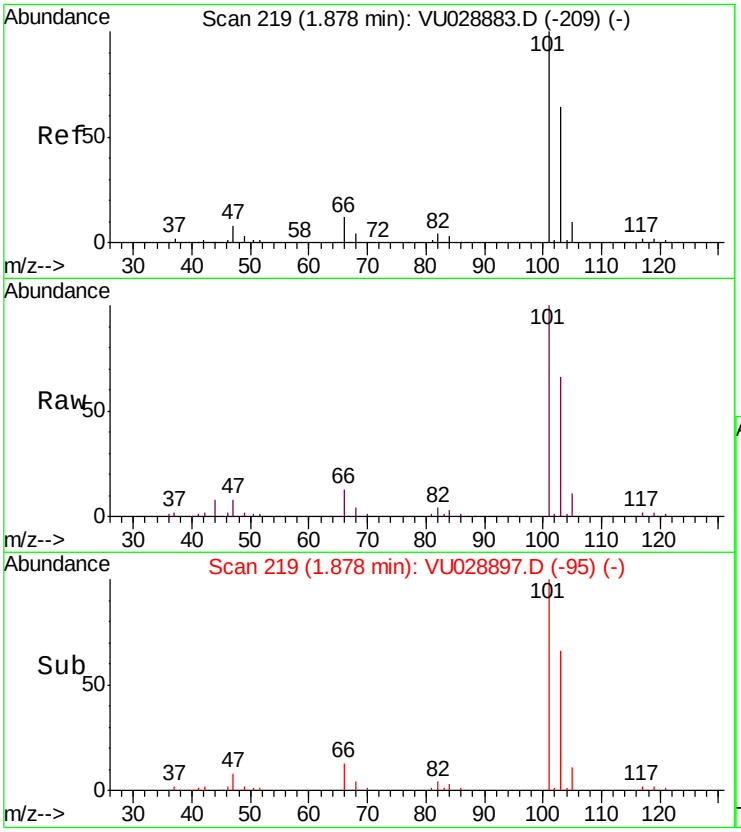


#8
Chloroethane
Concen: 0.942 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 64 Resp: 899

Ion	Ratio	Lower	Upper
64	100		
66	150.3	21.5	39.9#

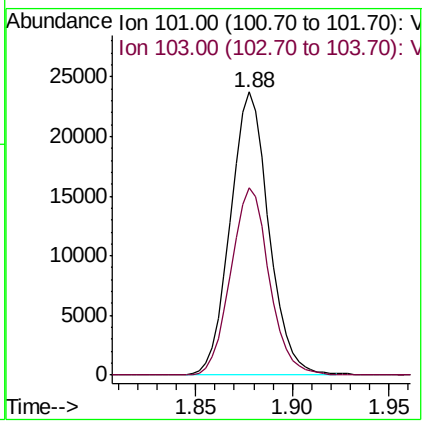


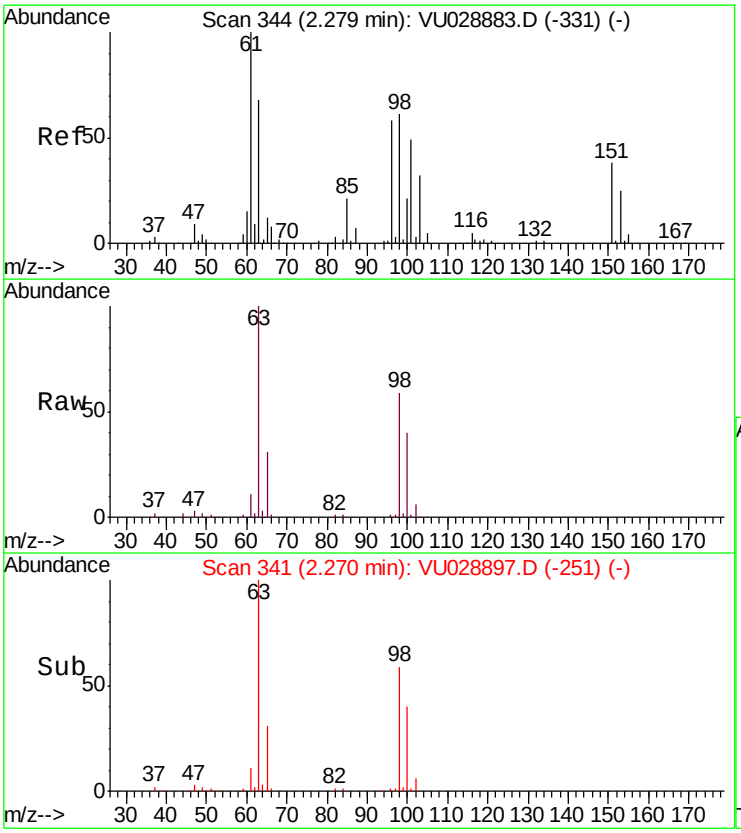


#9
Trichlorofluoromethane
Concen: 19.179 ug/L
RT: 1.88 min Scan# 219
Delta R.T. -0.00 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion:101 Resp: 32791

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.4	77.0

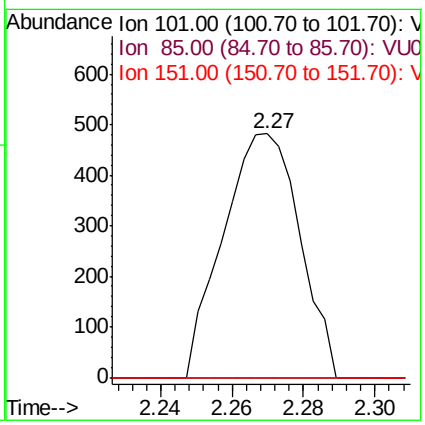


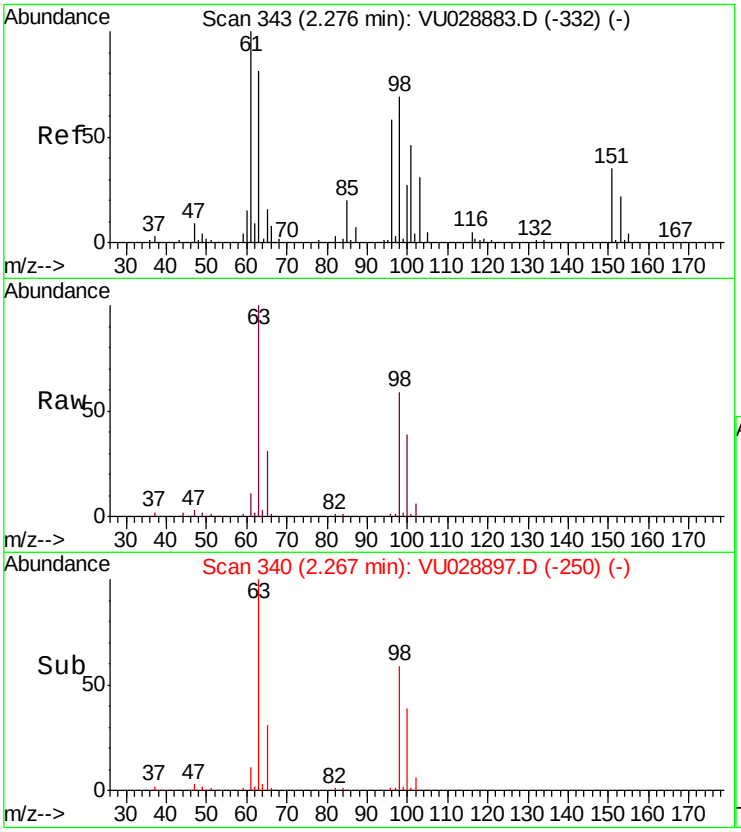


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion:101 Resp: 715

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

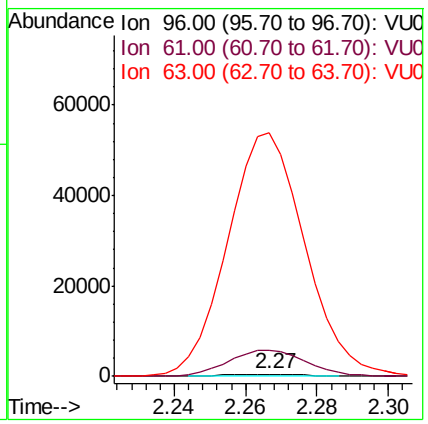


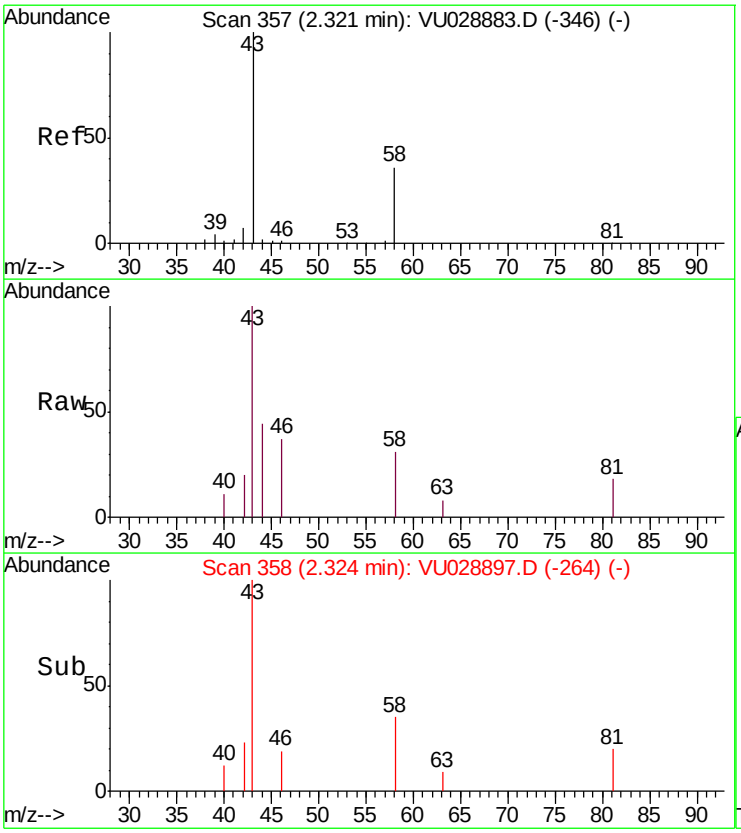


#12
1,1-Dichloroethene
Concen: 0.627 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 96 Resp: 686

Ion	Ratio	Lower	Upper
96	100		
61	1216.6	119.3	221.5#
63	11314.3	107.4	199.6#

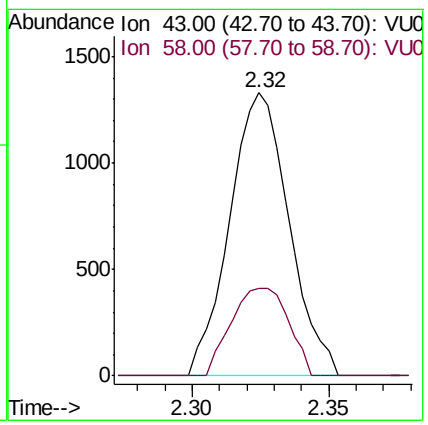


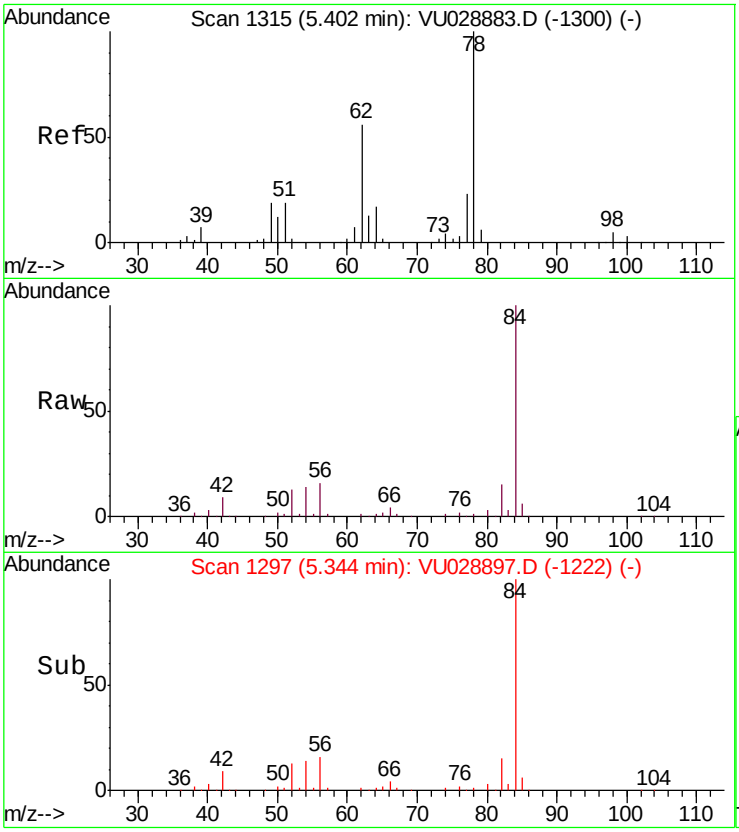


#13
Acetone
Concen: 2.055 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 43 Resp: 2008

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	70.2

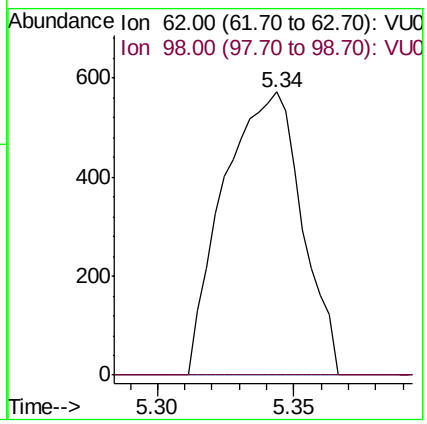


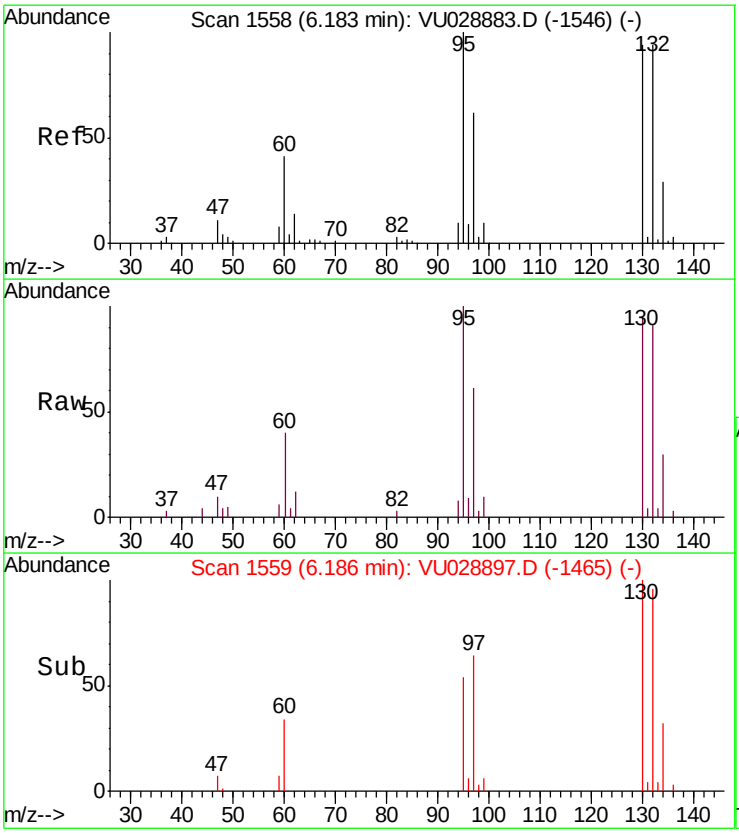


#27
1,2-Dichloroethane
Concen: 0.698 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.06 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 62 Resp: 1138

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

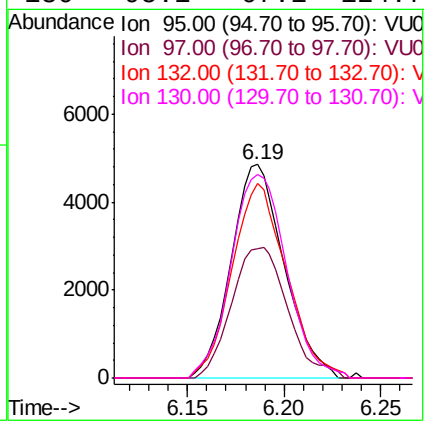


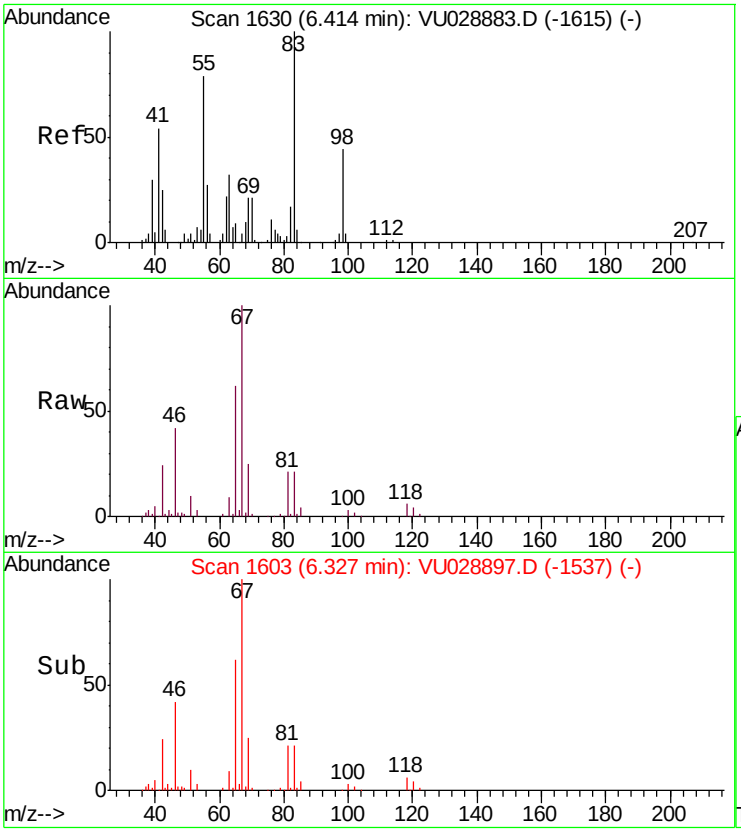


#34
Trichloroethene
Concen: 7.587 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 95 Resp: 9266

Ion	Ratio	Lower	Upper
95	100		
97	60.8	43.3	80.3
132	91.3	64.2	119.2
130	95.1	67.1	124.7

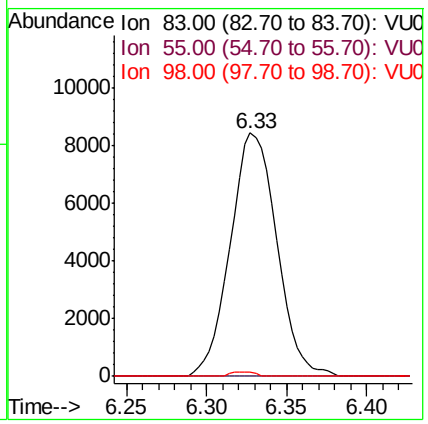


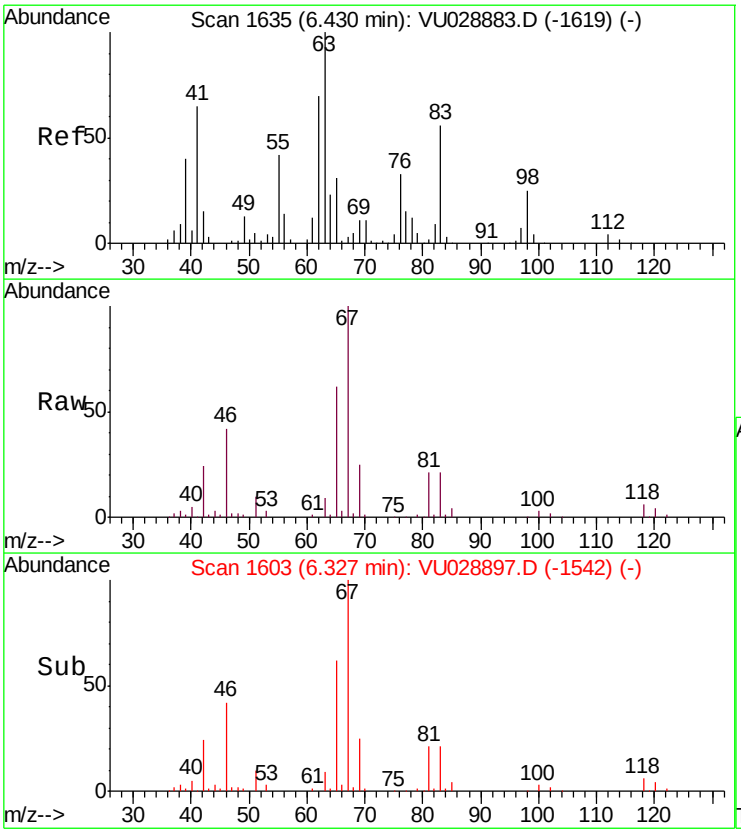


#35
Methylcyclohexane
Concen: 8.247 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 83 Resp: 16776

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	1.0	35.6	53.4#

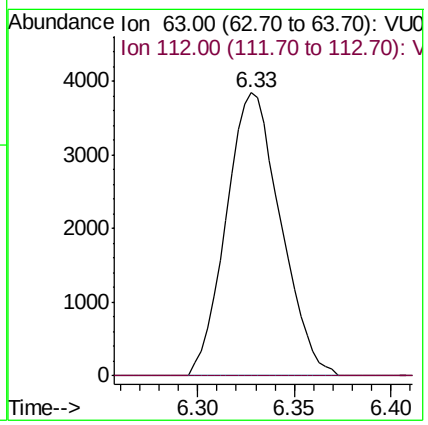


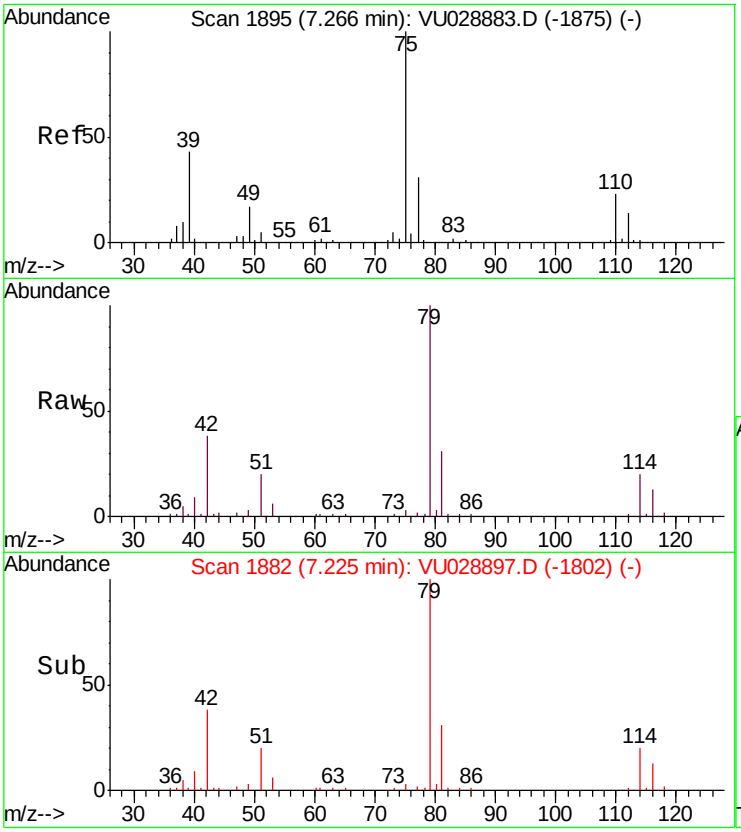


#37
1,2-Dichloropropane
Concen: 5.332 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 63 Resp: 7540

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

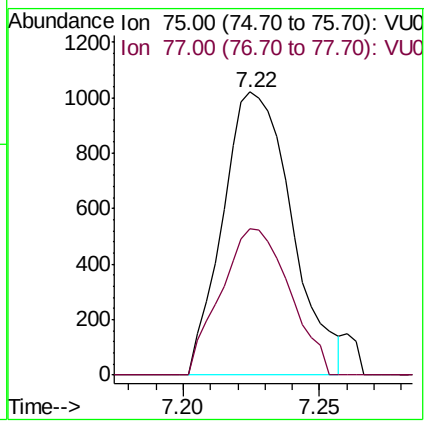


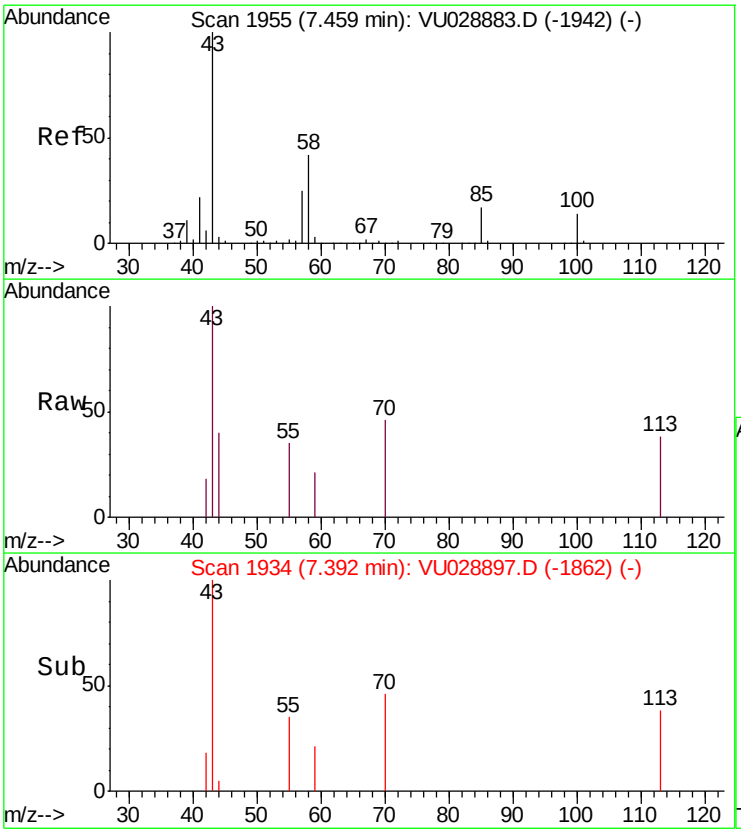


#39
cis-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 75 Resp: 1798

Ion	Ratio	Lower	Upper
75	100		
77	51.7	21.8	40.6#

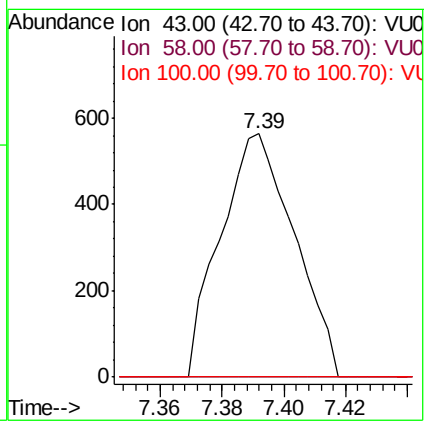


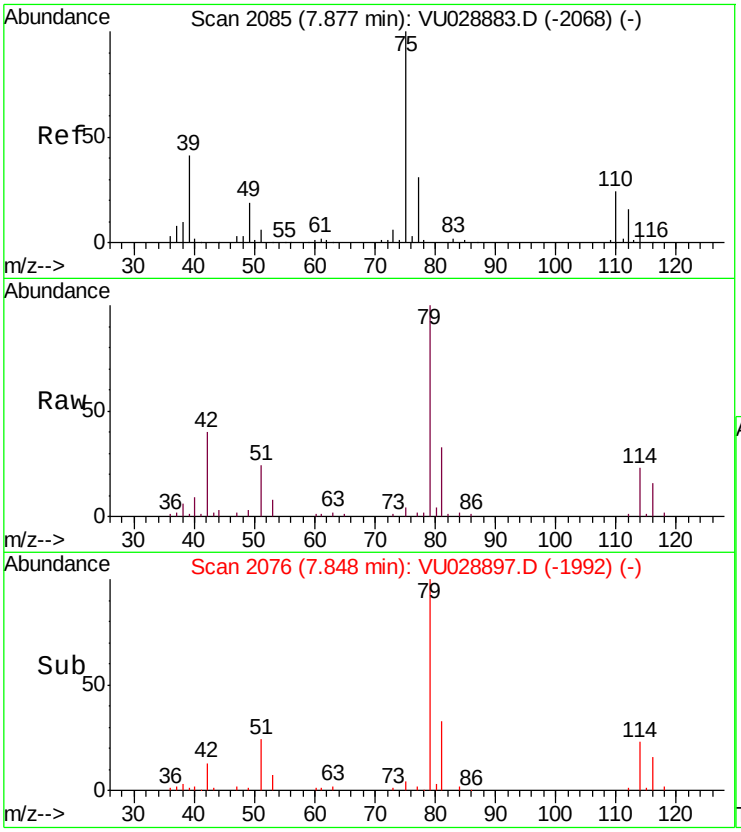


#40
4-Methyl-2-pentanone
Concen: 0.492 ug/L
RT: 7.39 min Scan# 1934
Delta R.T. -0.07 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 43 Resp: 936

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#
100	0.0	11.5	17.3#

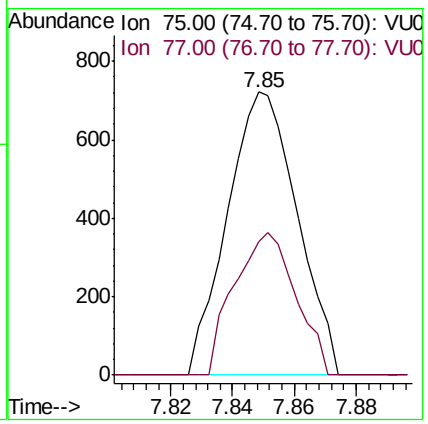


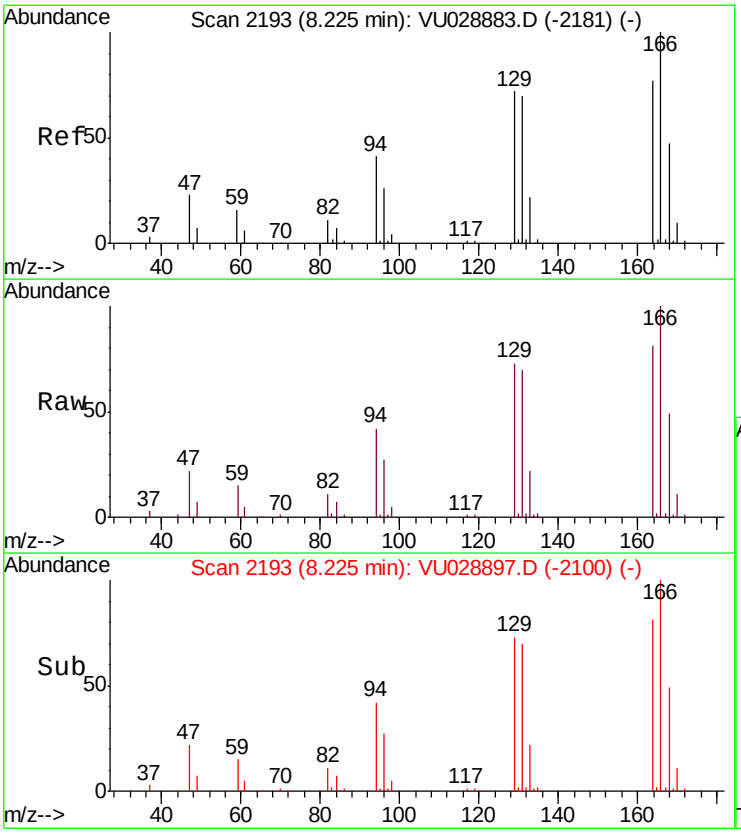


#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 75 Resp: 1131

Ion	Ratio	Lower	Upper
75	100		
77	47.2	21.8	40.6#

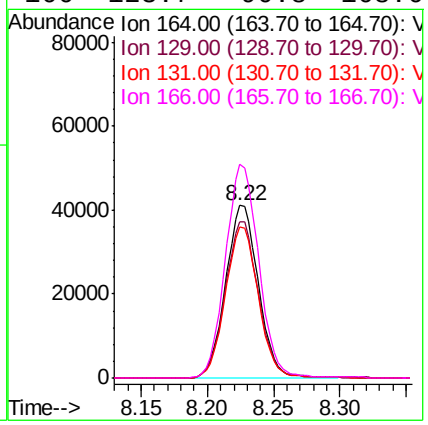


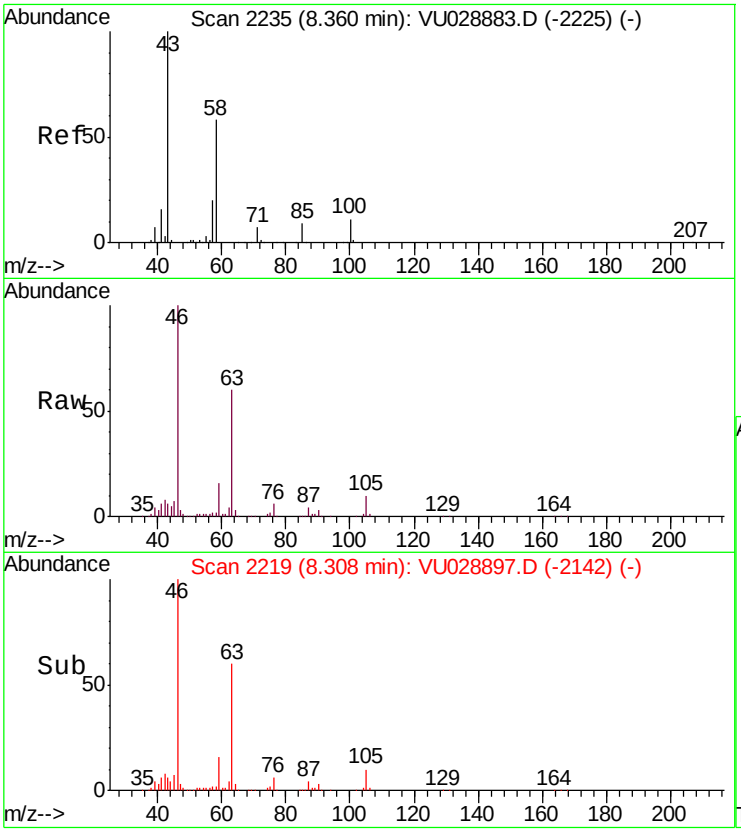


#46
Tetrachloroethene
Concen: 75.231 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion:164 Resp: 70765

Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.8	124.0
131	87.2	64.2	119.2
166	123.7	90.8	168.6

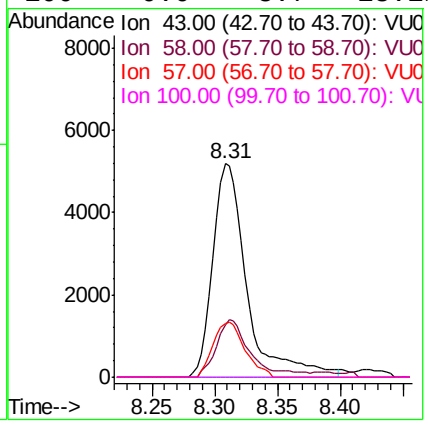


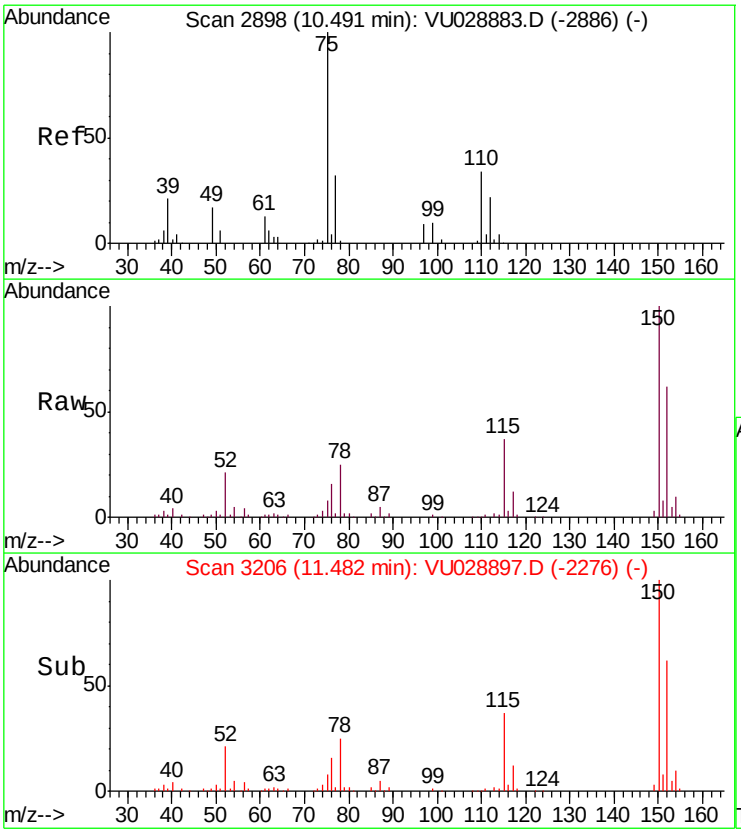


#48
2-Hexanone
Concen: 6.305 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 43 Resp: 9836

Ion	Ratio	Lower	Upper
43	100		
58	25.0	45.9	68.9#
57	24.0	15.0	22.4#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 4.698 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028897.D
Acq: 22 Dec 2018 00:42

Tgt Ion: 75 Resp: 7929

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.5	38.3