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

Quantitation Report (Not Reviewed)

Data File : VU028885.D
Acq On : 21 Dec 2018 19:51
Operator : MD/SY
Sample : J6509-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 01:58:08 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	5.89	114	177595	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	164504	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66798	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	63334	44.48	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.96%				
7) Chloroethane-d5	1.67	69	50239	45.68	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.36%				
11) 1,1-Dichloroethene-d2	2.27	63	83311	34.80	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.60%				
21) 2-Butanone-d5	4.18	46	109620	109.89	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.89%				
24) Chloroform-d	4.65	84	109824	49.05	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%				
26) 1,2-Dichloroethane-d4	5.31	65	68410	49.57	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.14%				
32) Benzene-d6	5.34	84	242189	52.11	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.22%				
36) 1,2-Dichloropropane-d6	6.33	67	82869	52.49	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.98%				
41) Toluene-d8	7.57	98	209199	49.67	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.34%				
43) trans-1,3-Dichloropropene-	7.85	79	35532	50.23	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.46%				
47) 2-Hexanone-d5	8.31	63	85440	113.94	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.94%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111863	51.07	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.14%				
64) 1,2-Dichlorobenzene-d4	11.86	152	72849	53.92	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.84%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1311	0.666	ug/L		99
8) Chloroethane	1.40	64	953	0.960	ug/L	#	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	771	0.670	ug/L	#	20
12) 1,1-Dichloroethene	2.27	96	833	0.732	ug/L	#	1
13) Acetone	2.32	43	3324	3.270	ug/L		97
25) Chloroform	4.67	83	2331	1.021	ug/L		96
35) Methylcyclohexane	6.33	83	18011	8.553	ug/L	#	18
37) 1,2-Dichloropropane	6.33	63	7778	5.313	ug/L	#	90
39) cis-1,3-Dichloropropene	7.23	75	1876	0.899	ug/L	#	50
44) trans-1,3-Dichloropropene	7.85	75	1253	0.673	ug/L		83
48) 2-Hexanone	8.31	43	9427	5.837	ug/L	#	64
59) 1,2,3-Trichloropropane	11.48	75	8325	4.765	ug/L		96

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

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

Quantitation Report (Not Reviewed)

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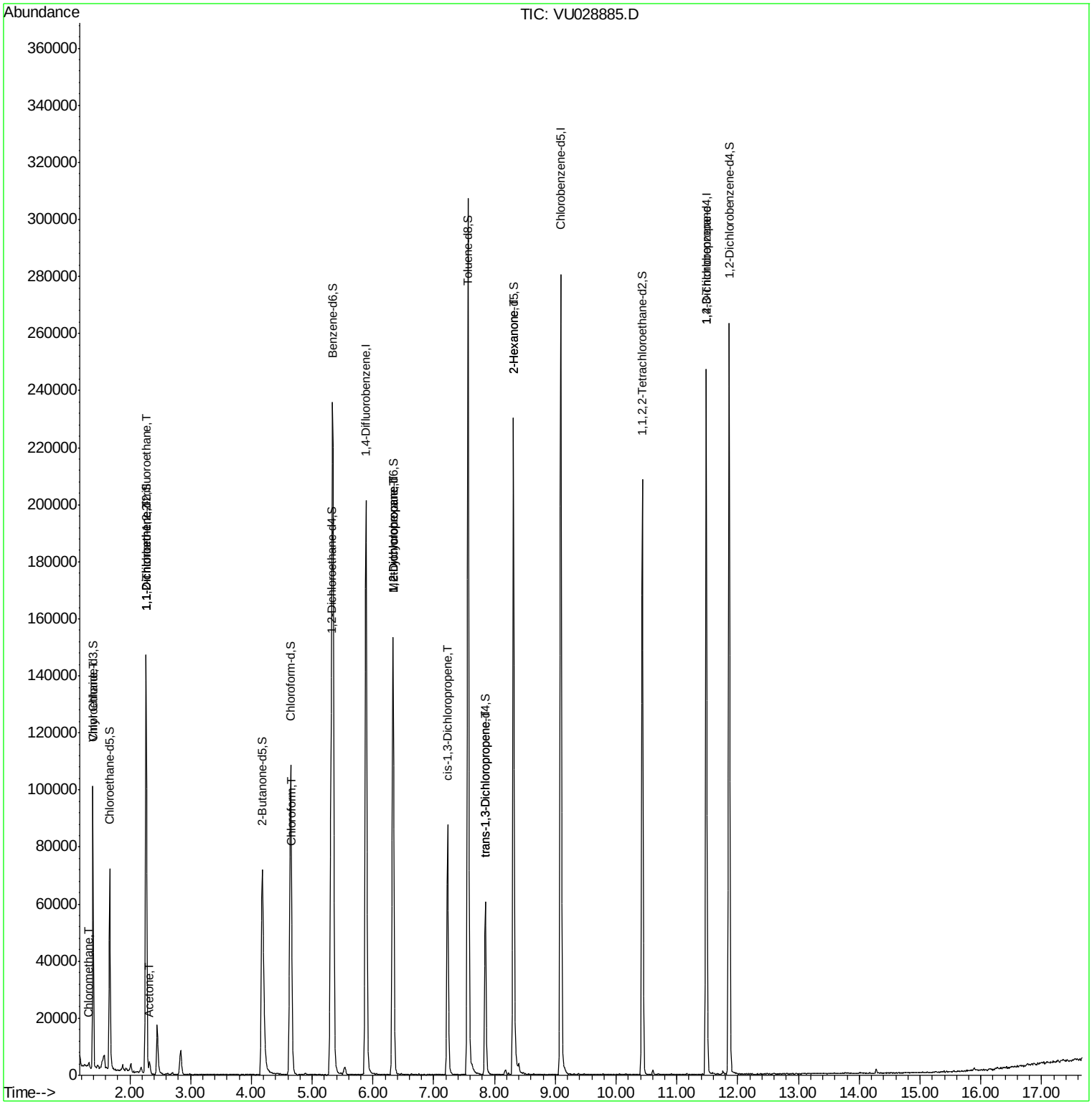
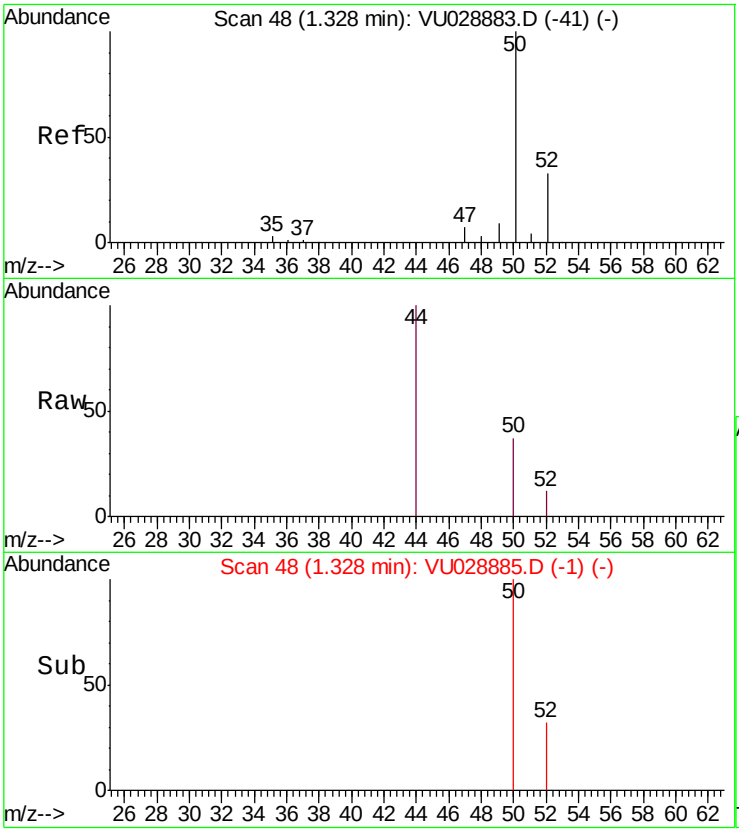
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

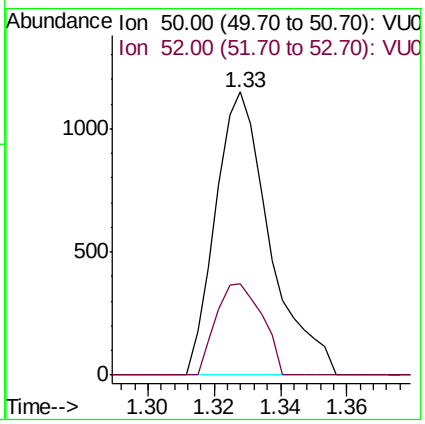


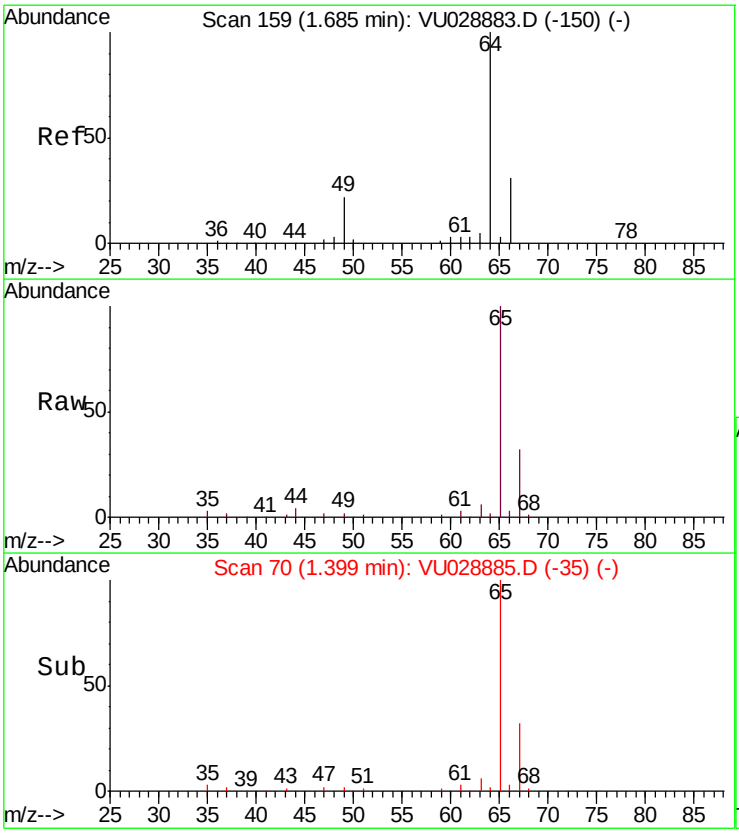


#3
Chloromethane
Concen: 0.666 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 50 Resp: 1311

Ion	Ratio	Lower	Upper
50	100		
52	32.2	22.3	41.3

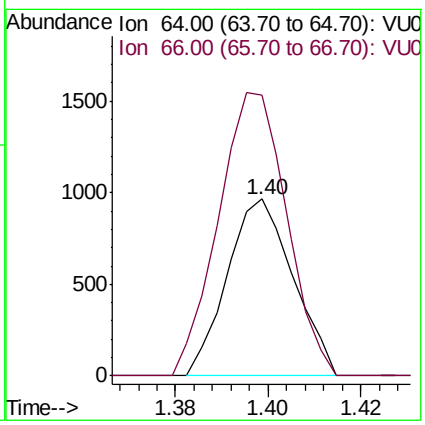


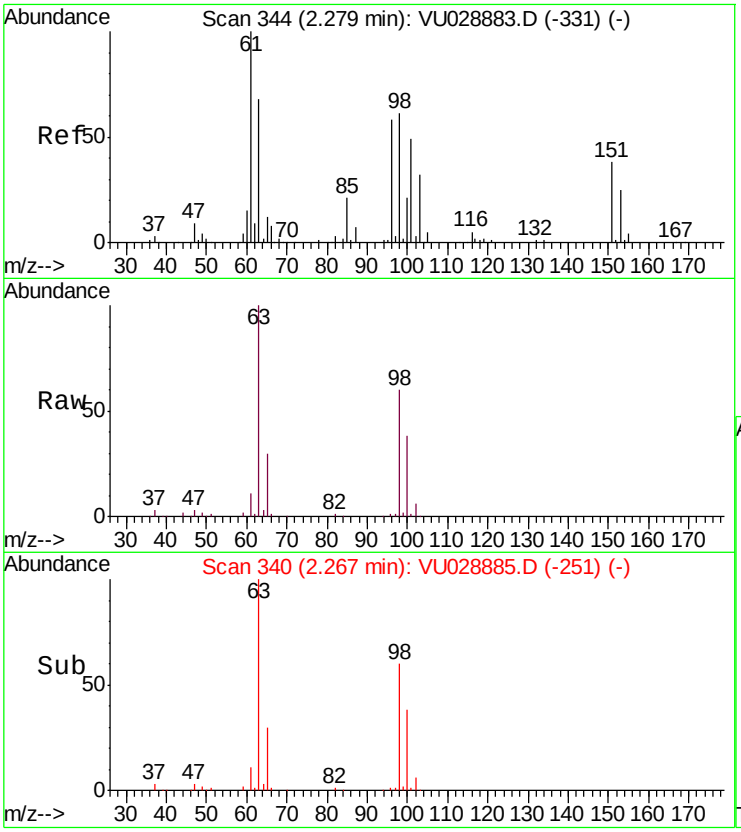


#8
Chloroethane
Concen: 0.960 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 64 Resp: 953

Ion	Ratio	Lower	Upper
64	100		
66	159.0	21.5	39.9#

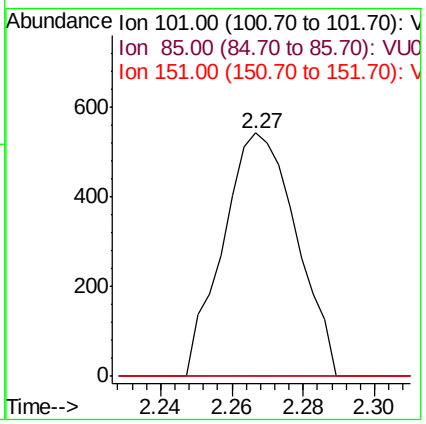


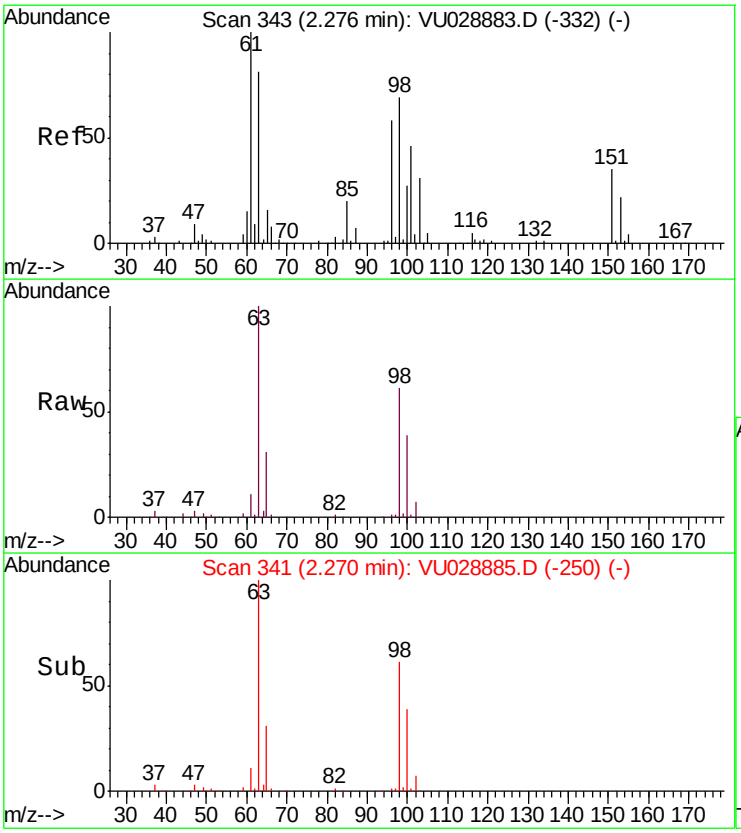


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.670 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion:101 Resp: 771

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

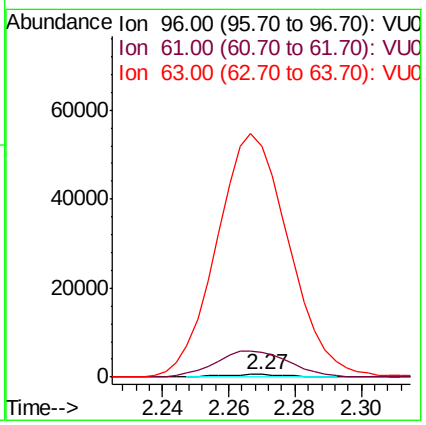


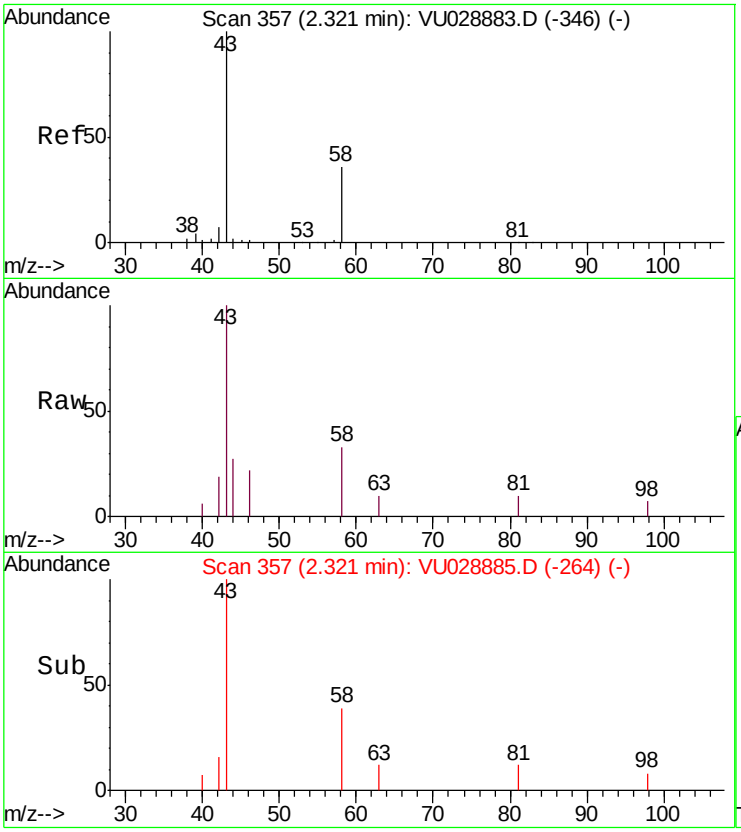


#12
1,1-Dichloroethene
Concen: 0.732 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 96 Resp: 833

Ion	Ratio	Lower	Upper
96	100		
61	969.8	119.3	221.5#
63	8916.6	107.4	199.6#

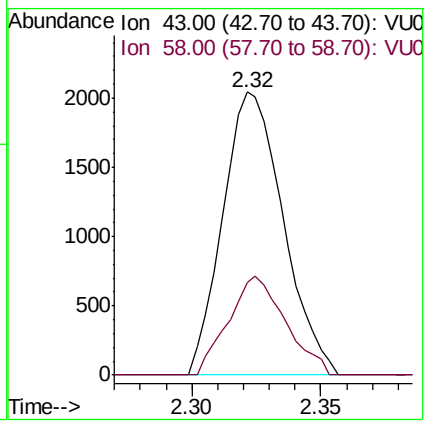


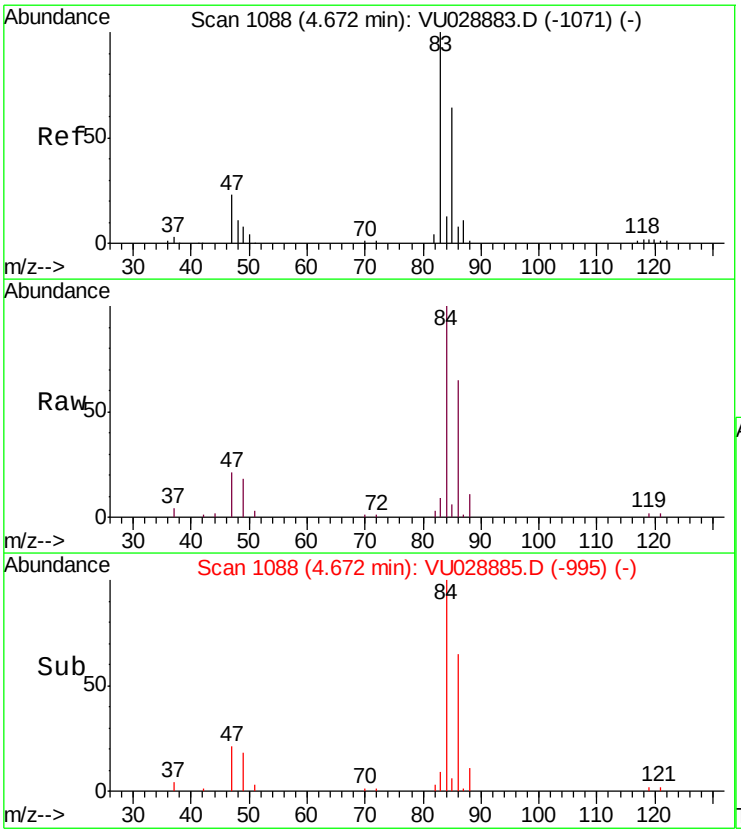


#13
Acetone
Concen: 3.270 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 43 Resp: 3324

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	70.2

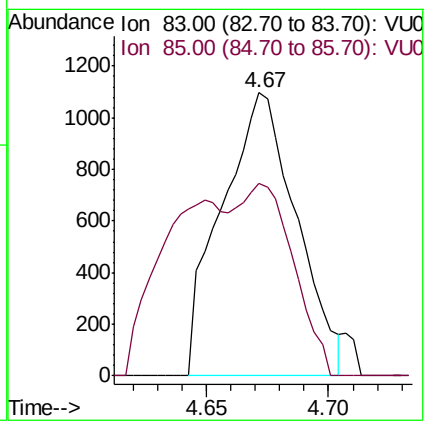


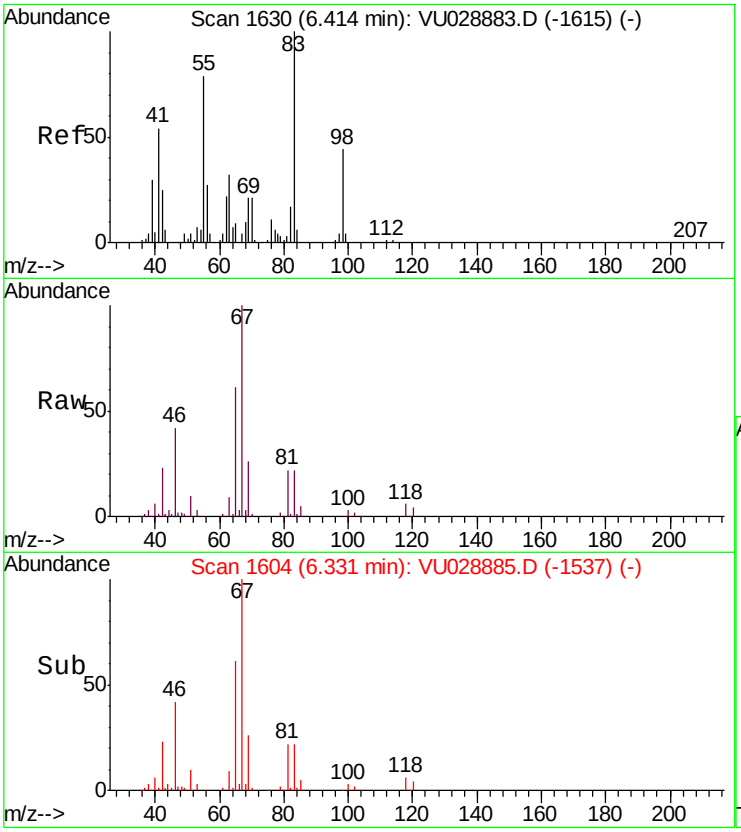


#25
Chloroform
Concen: 1.021 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 83 Resp: 2331

Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.6	84.6

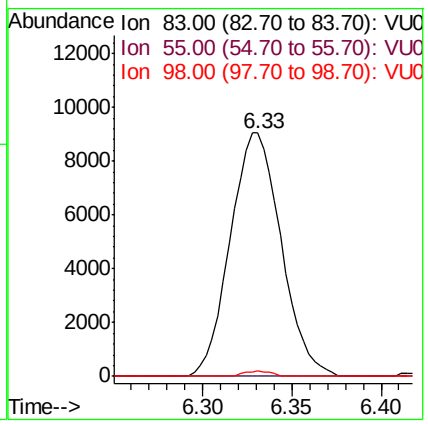


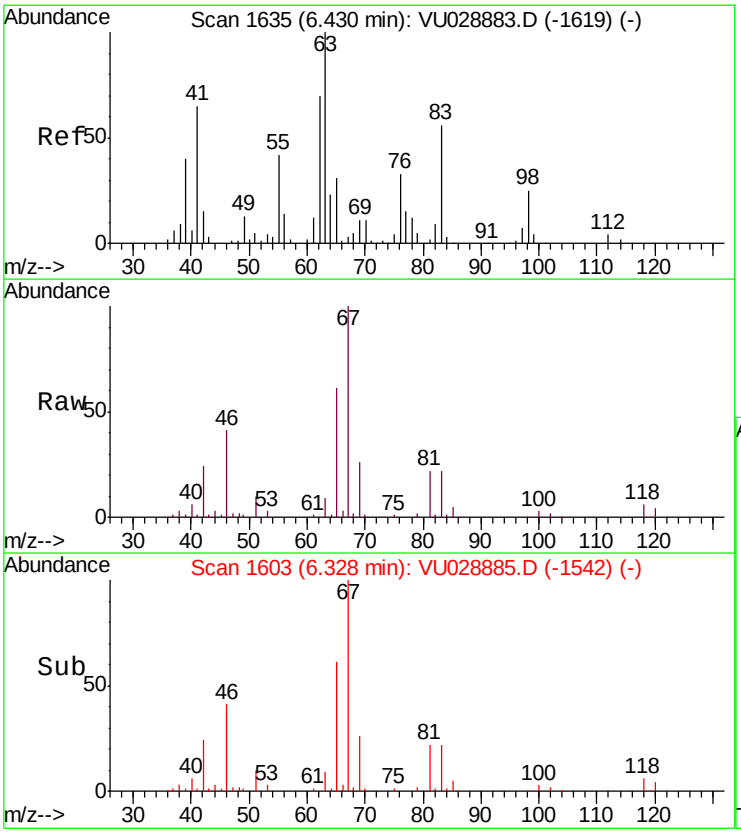


#35
Methylcyclohexane
Concen: 8.553 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 83 Resp: 18011

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	1.1	35.6	53.4#

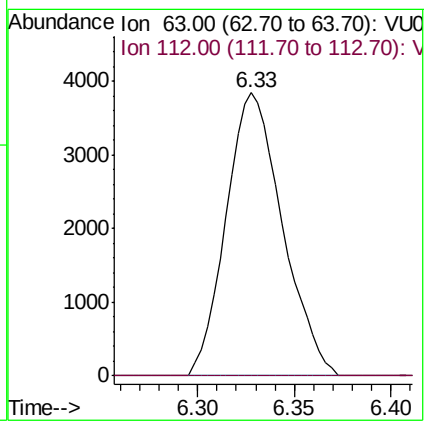


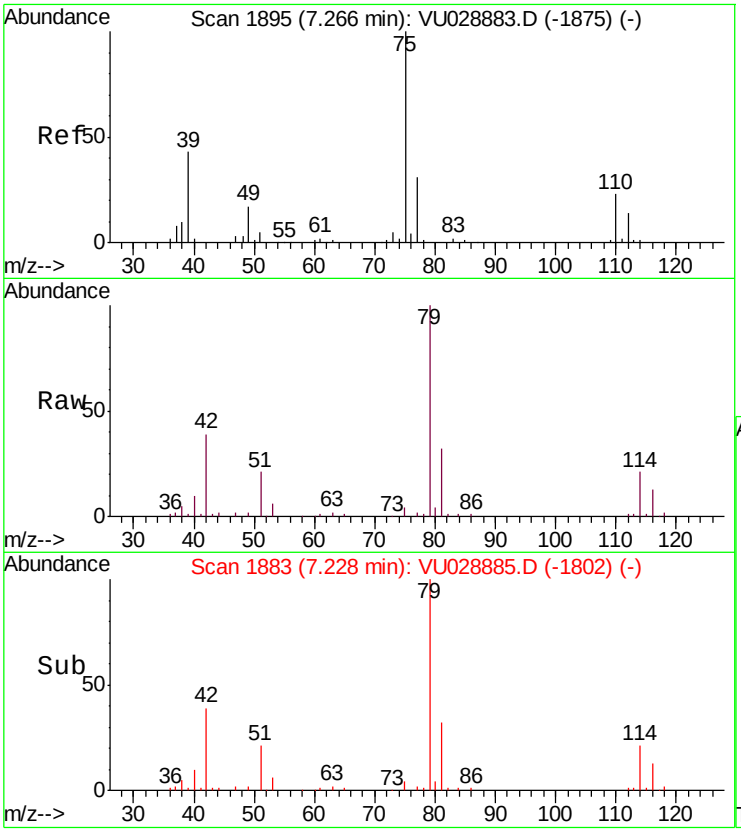


#37
1,2-Dichloropropane
Concen: 5.313 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 63 Resp: 7778

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

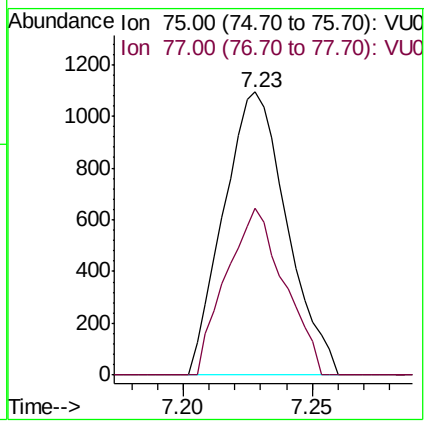


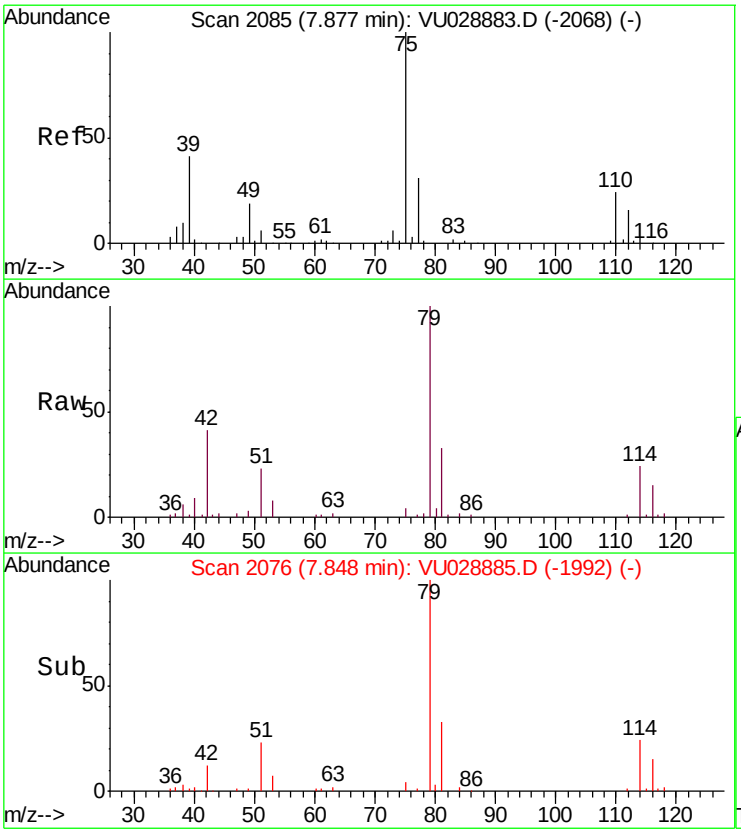


#39
cis-1,3-Dichloropropene
Concen: 0.899 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 75 Resp: 1876

Ion	Ratio	Lower	Upper
75	100		
77	58.9	21.8	40.6#

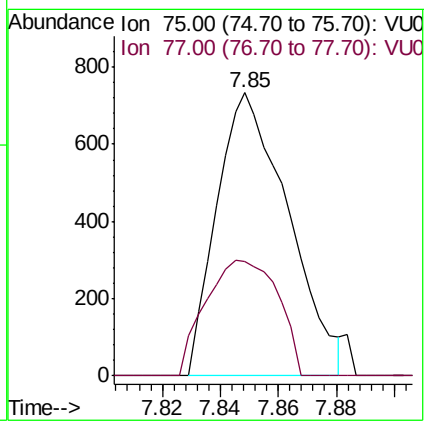


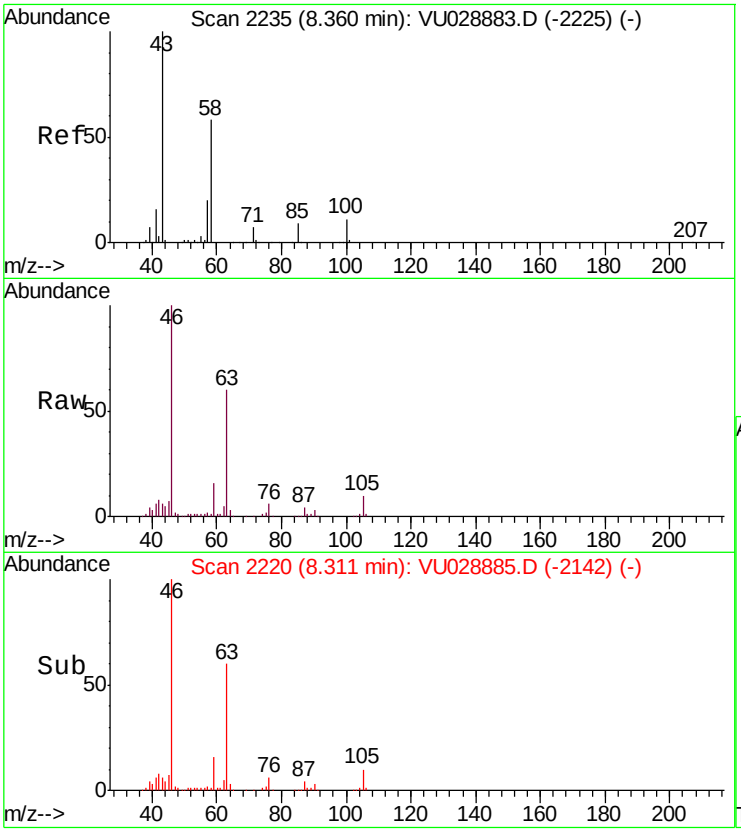


#44
trans-1,3-Dichloropropene
Concen: 0.673 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 75 Resp: 1253

Ion	Ratio	Lower	Upper
75	100		
77	40.5	21.8	40.6

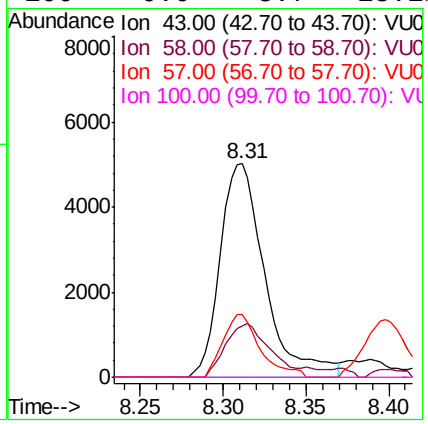


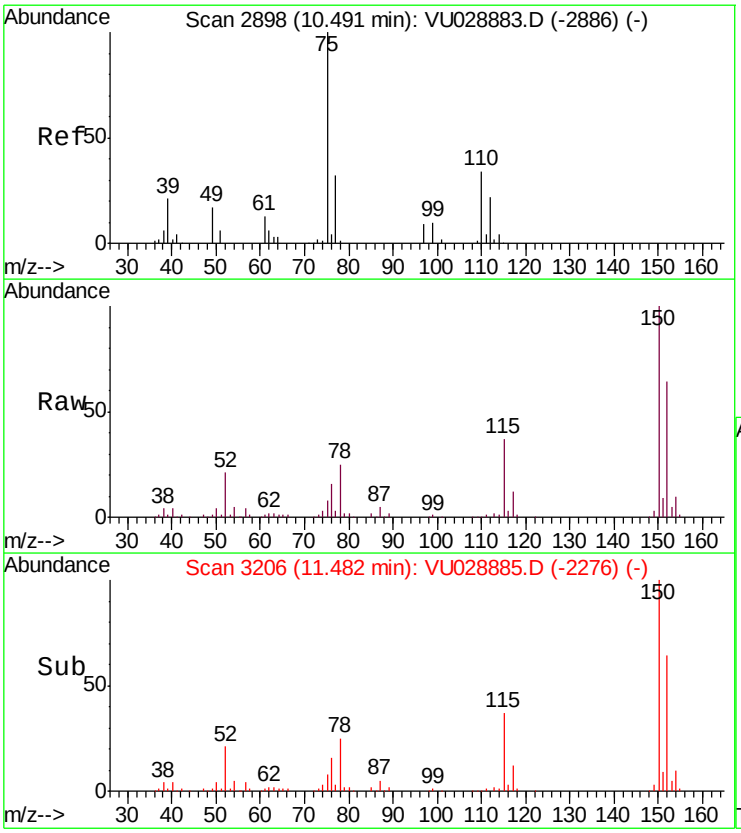


#48
2-Hexanone
Concen: 5.837 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 43 Resp: 9427

Ion	Ratio	Lower	Upper
43	100		
58	24.4	45.9	68.9#
57	24.2	15.0	22.4#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 4.765 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028885.D
Acq: 21 Dec 2018 19:51

Tgt Ion: 75 Resp: 8325

Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3