Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028837.D
Acq On : 20 Dec 2018 20:19
Operator : MD/SY
Sample : J6506-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF031

Quant Time: Dec 21 06:00:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207883	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79806	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67829	40.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.40%			
7) Chloroethane-d5	1.67	69	55916	43.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.88%			
11) 1,1-Dichloroethene-d2	2.27	63	88941	31.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.46%			
21) 2-Butanone-d5	4.17	46	119008	101.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.92%			
24) Chloroform-d	4.65	84	116271	44.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.74%			
26) 1,2-Dichloroethane-d4	5.31	65	74278	45.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.96%			
32) Benzene-d6	5.34	84	255492	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
36) 1,2-Dichloropropane-d6	6.33	67	90401	49.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.10%			
41) Toluene-d8	7.56	98	223868	46.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	7.85	79	38472	47.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.12%			
47) 2-Hexanone-d5	8.31	63	93585	108.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122279	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	80727	50.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.02%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	915	0.787	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	771	0.572	ug/L #	20
13) Acetone	2.32	43	6070	5.101	ug/L	95
27) 1,2-Dichloroethane	5.34	62	1069	0.538	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	8574	5.068	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1869	0.775	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1495	0.695	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	9889	4.898	ug/L	98

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

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Quantitation Report (Not Reviewed)

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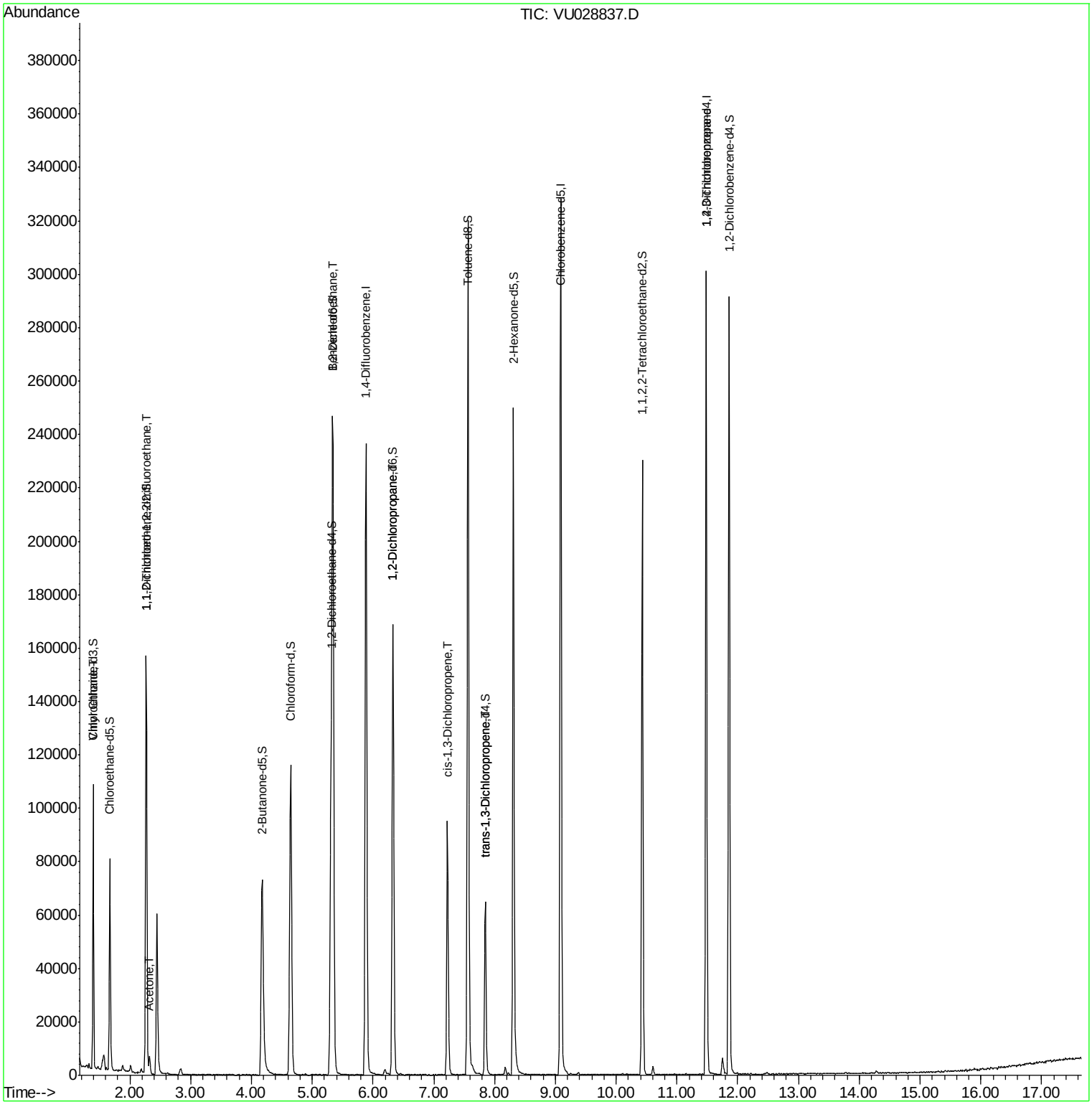
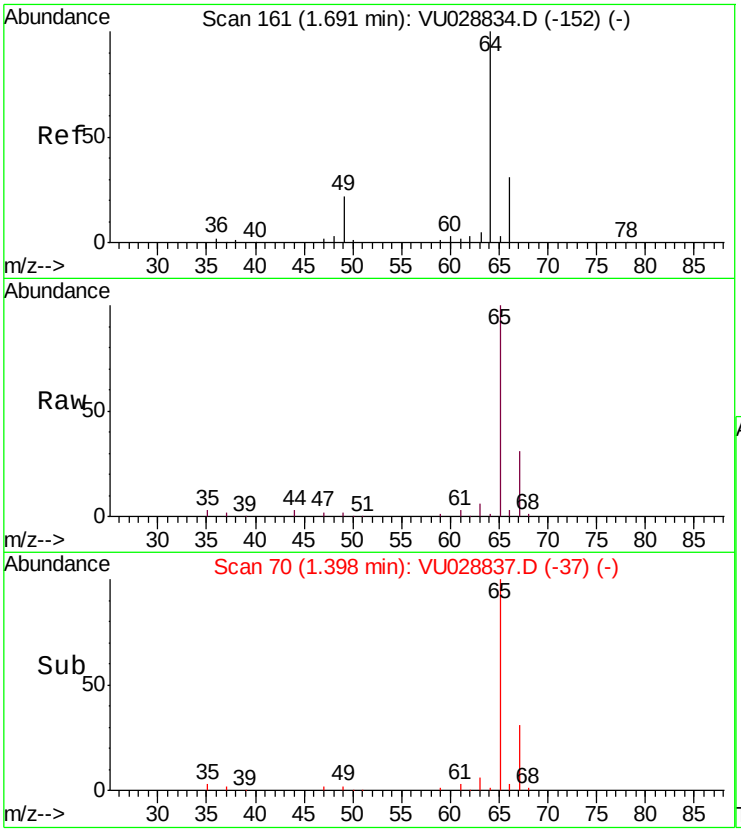
Operator : MD/SY
Sample : J6506-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF031

Quant Time: Dec 21 06:00:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration



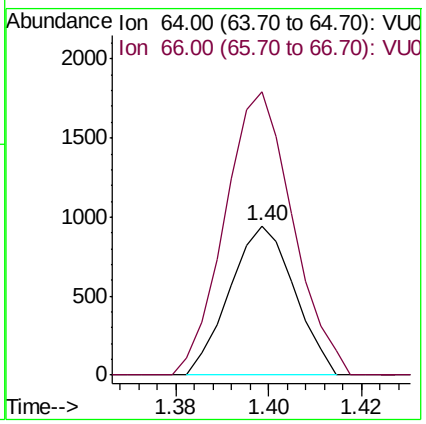


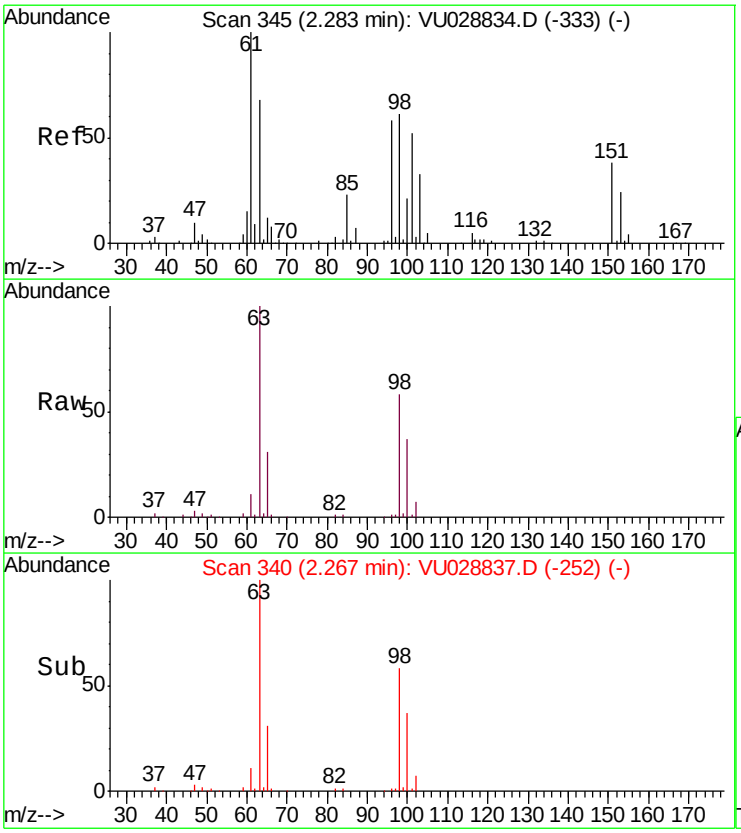
#8
Chloroethane
Concen: 0.787 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Instrument : MSVOA_U
ClientSampleId : BF031

Tgt Ion: 64 Resp: 915

Ion	Ratio	Lower	Upper
64	100		
66	189.9	21.5	39.9#

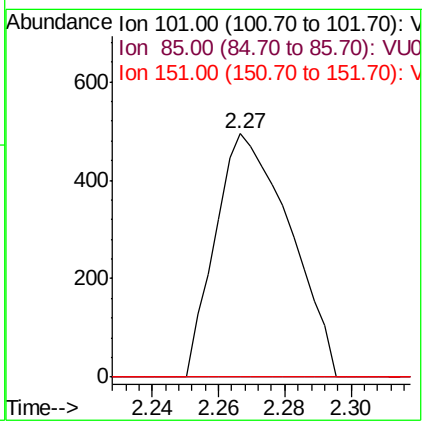


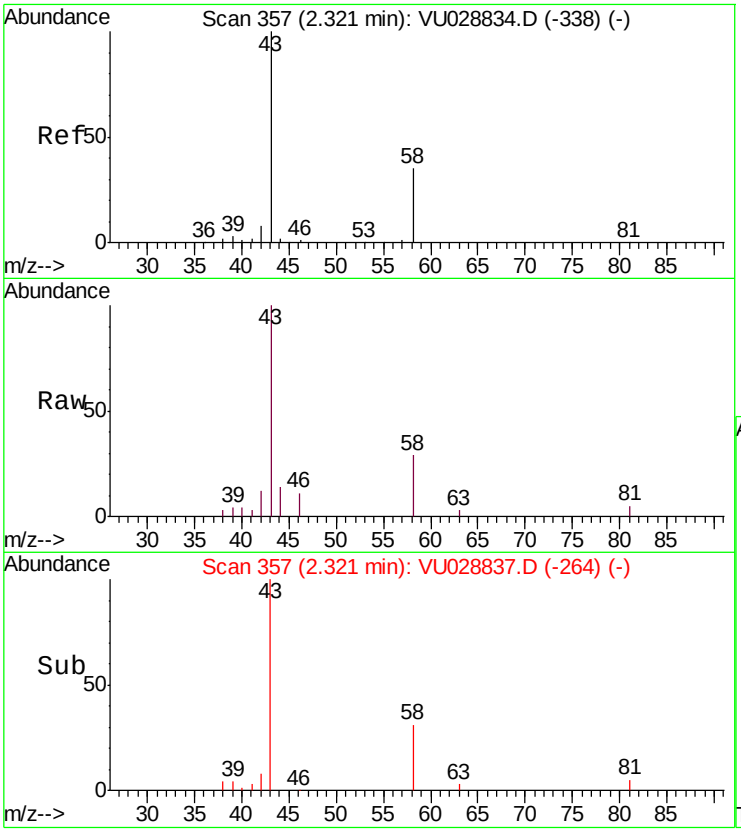


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

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#



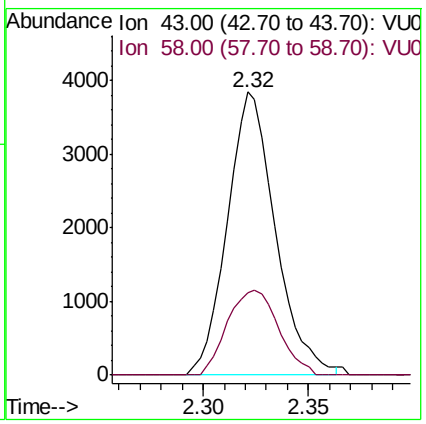


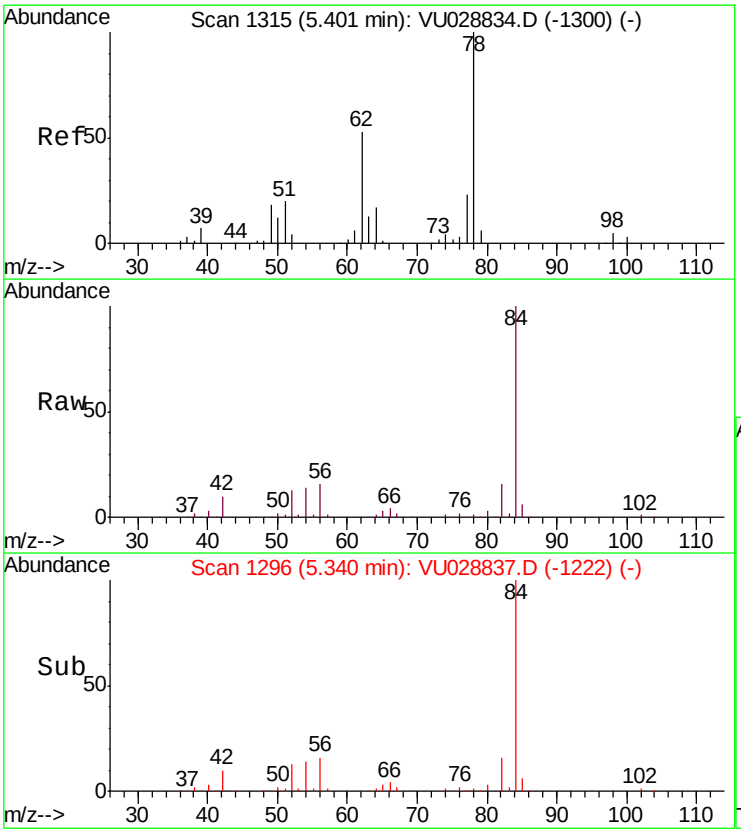
#13
Acetone
Concen: 5.101 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Instrument : MSVOA_U
ClientSampleId : BF031

Tgt Ion: 43 Resp: 6070

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	70.2

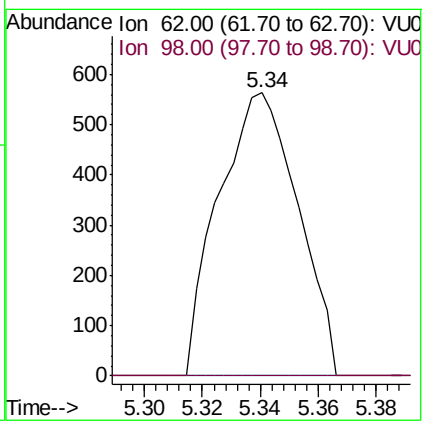


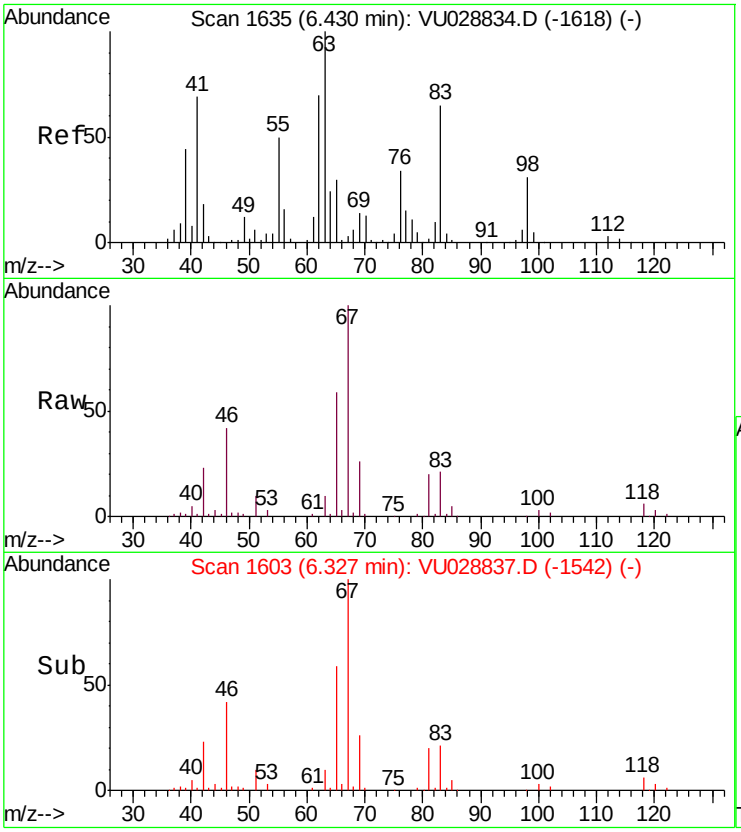


#27
1,2-Dichloroethane
Concen: 0.538 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Tgt Ion: 62 Resp: 1069

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



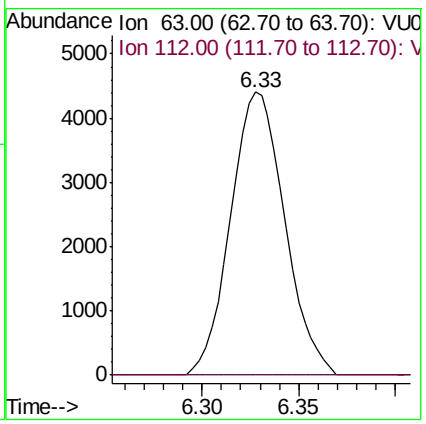


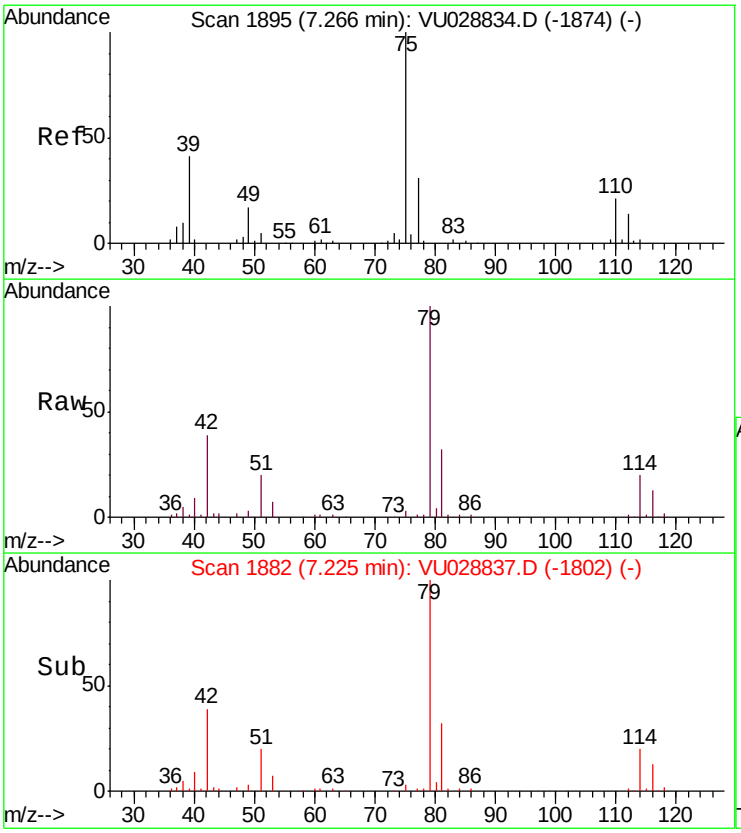
#37
1,2-Dichloropropane
Concen: 5.068 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Instrument :
MSVOA_U
ClientSampleId :
BF031

Tgt Ion: 63 Resp: 8574

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

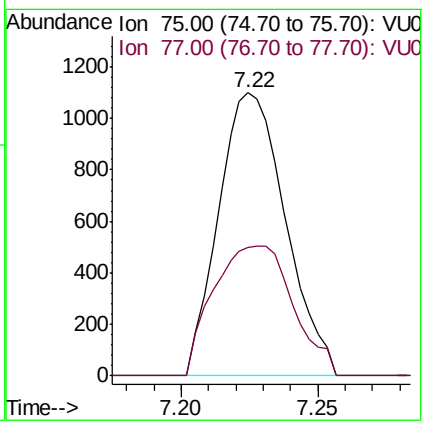


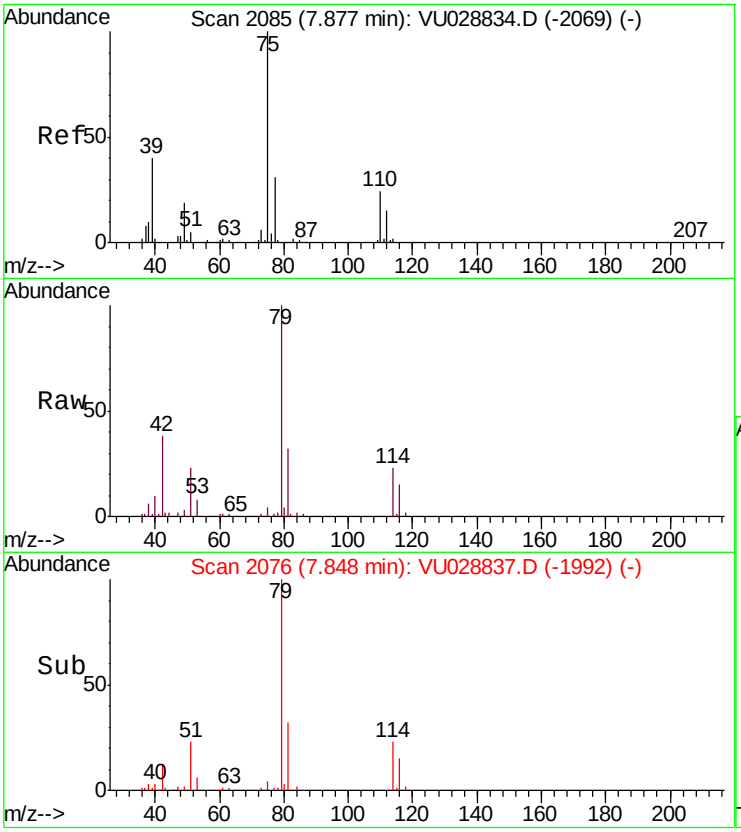


#39
cis-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Tgt Ion: 75 Resp: 1869

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.8	40.6#



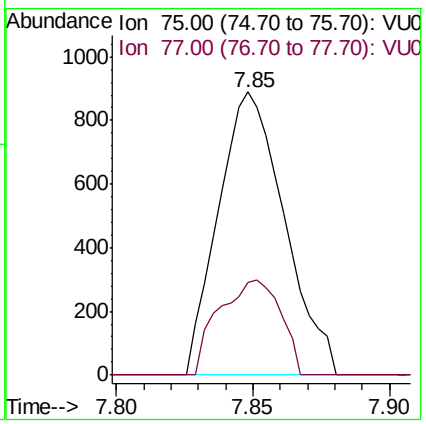


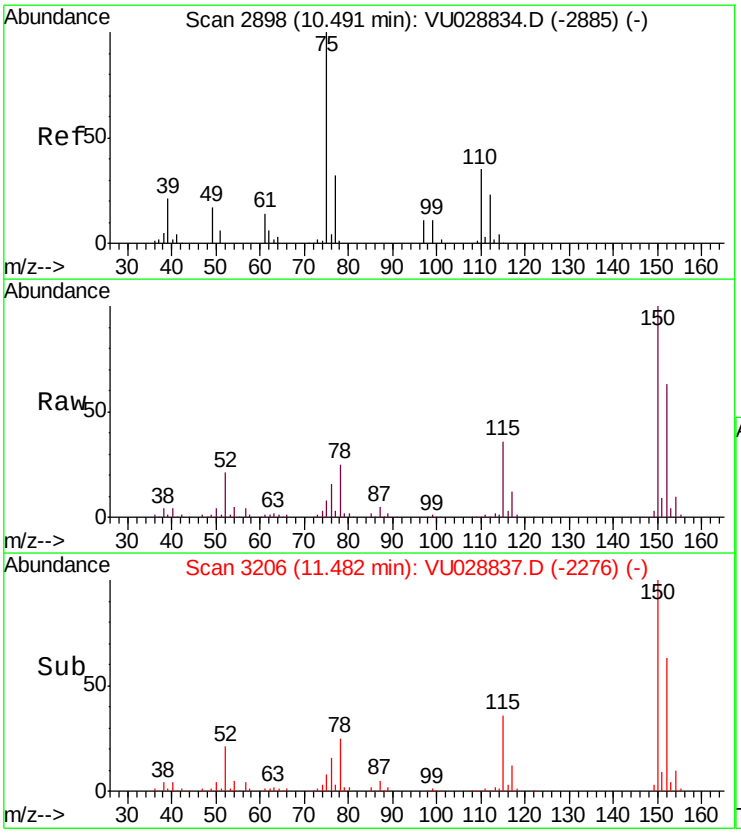
#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Instrument :
MSVOA_U
ClientSampleId :
BF031

Tgt Ion: 75 Resp: 1495

Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.8	40.6





#59
1,2,3-Trichloropropane
Concen: 4.898 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028837.D
Acq: 20 Dec 2018 20:19

Tgt Ion: 75 Resp: 9889

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3