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

Quantitation Report (Not Reviewed)

Data File : VU028857.D
Acq On : 21 Dec 2018 04:21
Operator : MD/SY
Sample : J6513-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F74

Quant Time: Dec 21 06:04:49 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	5.89	114	216166	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83793	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	68423	39.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.96%			
7) Chloroethane-d5	1.67	69	57038	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.22%			
11) 1,1-Dichloroethene-d2	2.27	63	89691	30.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.56%			
21) 2-Butanone-d5	4.18	46	125200	103.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.12%			
24) Chloroform-d	4.65	84	122086	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.31	65	78567	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.54%			
32) Benzene-d6	5.34	84	263300	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.94%			
36) 1,2-Dichloropropane-d6	6.33	67	93029	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.66%			
41) Toluene-d8	7.57	98	232255	45.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.48%			
43) trans-1,3-Dichloropropene-	7.85	79	39005	45.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.46%			
47) 2-Hexanone-d5	8.31	63	99731	109.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.09%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129006	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	84396	49.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.60%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1058	0.875	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	798	0.570	ug/L #	20
13) Acetone	2.32	43	2226	1.799	ug/L	87
27) 1,2-Dichloroethane	5.34	62	1178	0.571	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	8705	4.877	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2128	0.836	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1296	0.571	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	10228	4.802	ug/L	97

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

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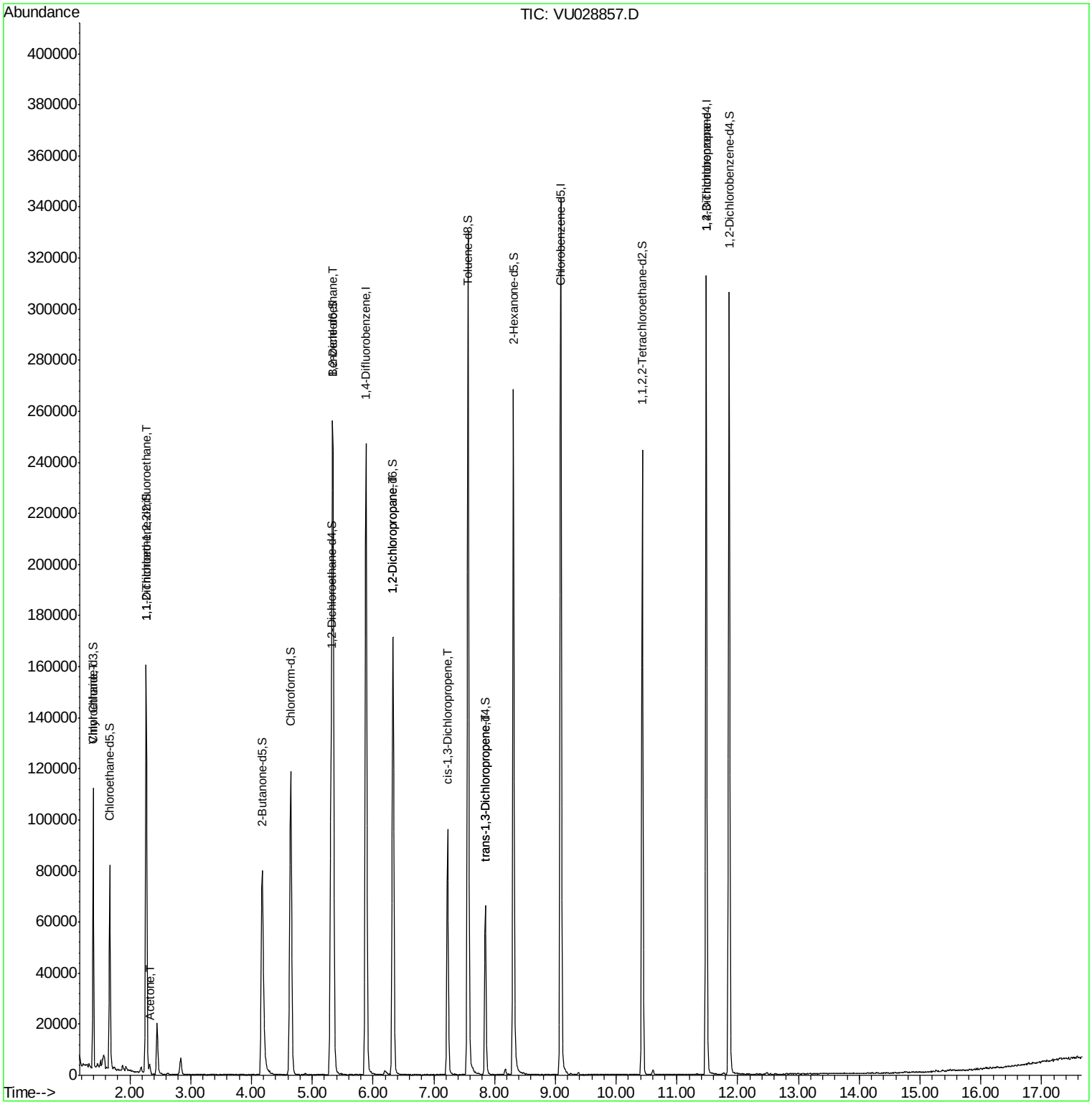
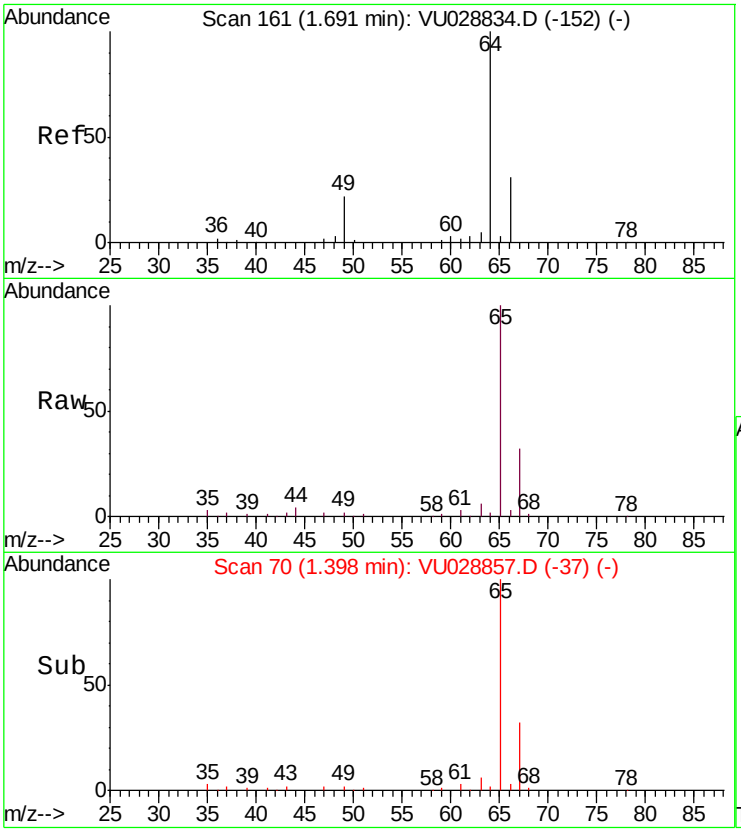
MSVOA_U
ClientSampleId :
F9F74

Quant Time: Dec 21 06:04:49 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



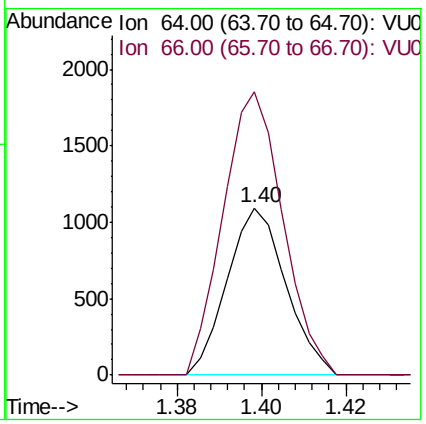


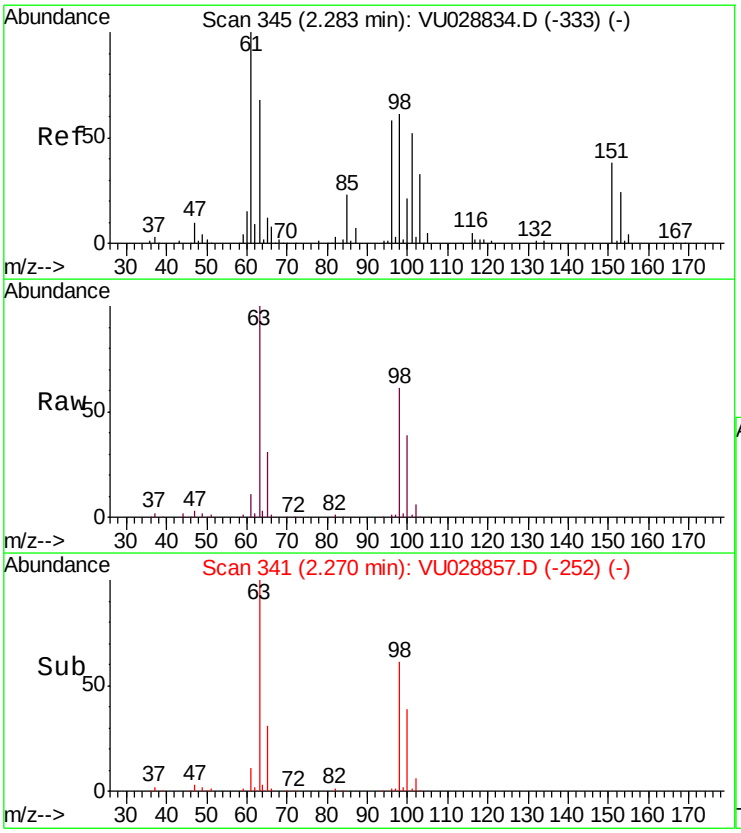
#8
Chloroethane
Concen: 0.875 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9F74

Tgt Ion: 64 Resp: 1058

Ion	Ratio	Lower	Upper
64	100		
66	169.6	21.5	39.9#

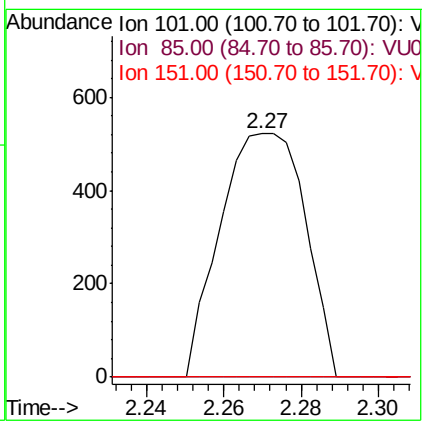


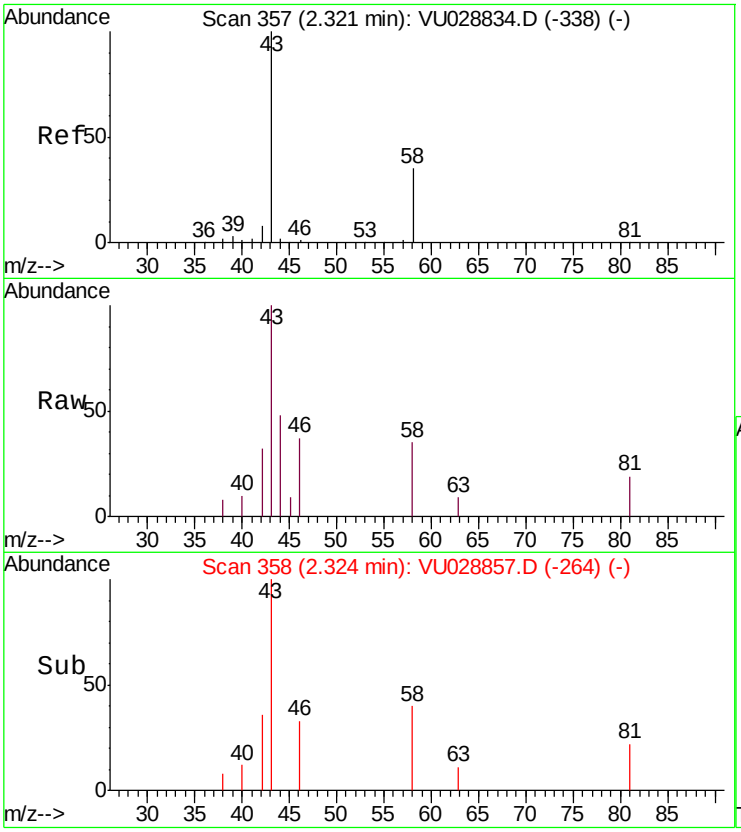


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.570 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Tgt Ion:101 Resp: 798

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



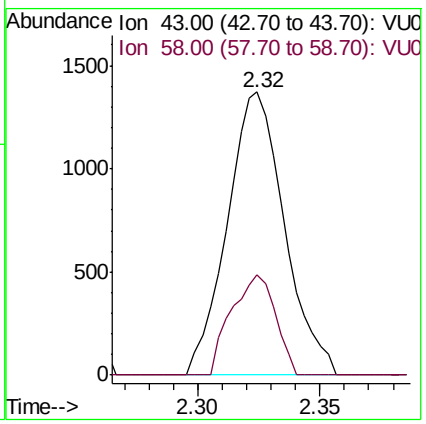


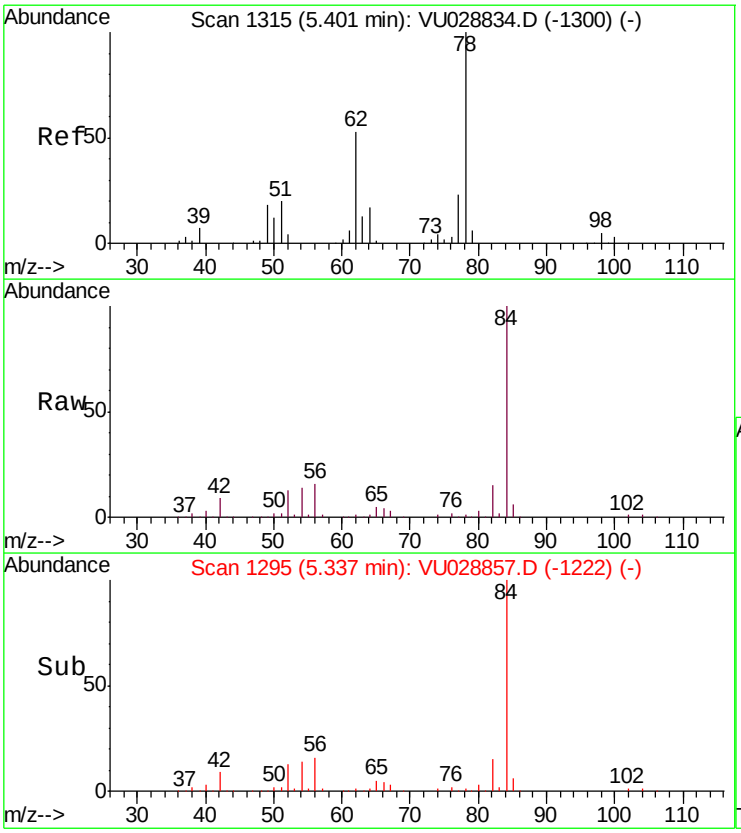
#13
Acetone
Concen: 1.799 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Instrument : MSVOA_U
ClientSampleId : F9F74

Tgt Ion: 43 Resp: 2226

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	70.2

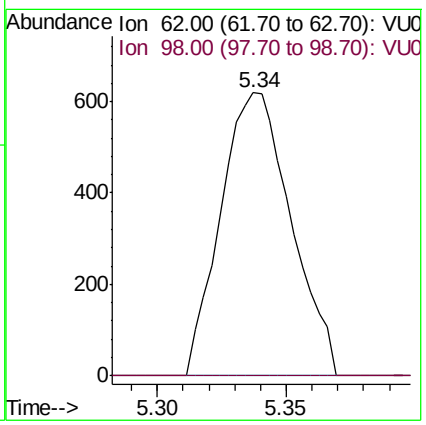


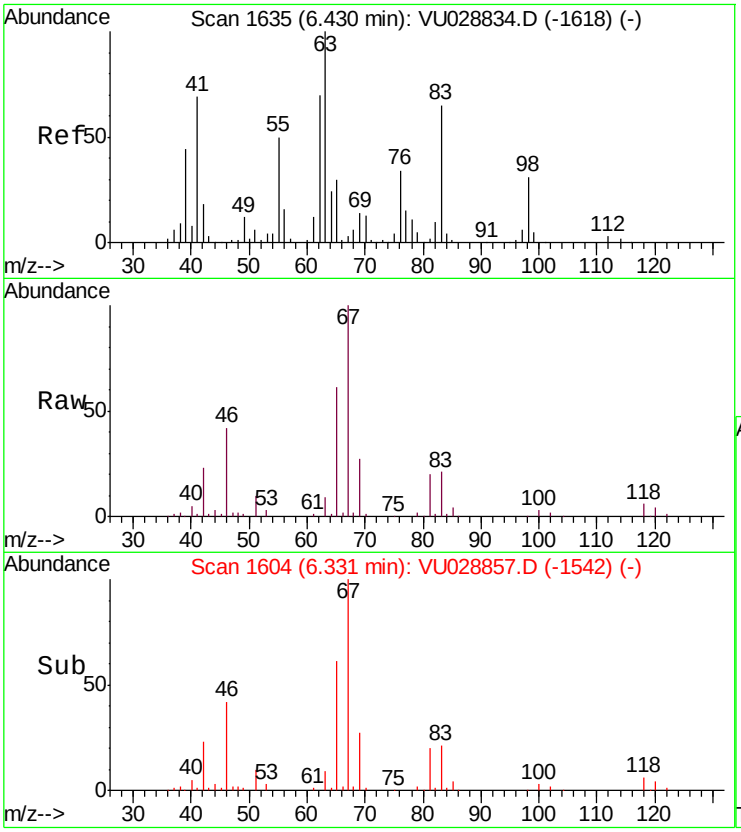


#27
1,2-Dichloroethane
Concen: 0.571 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.06 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 62 Resp: 1178

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



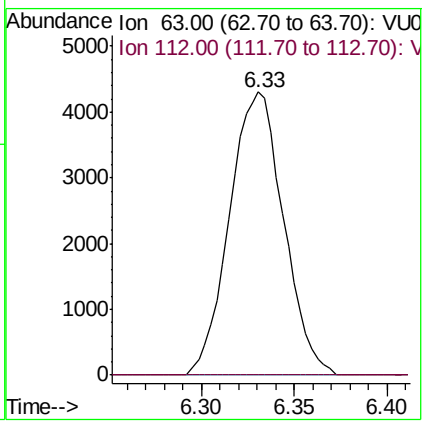


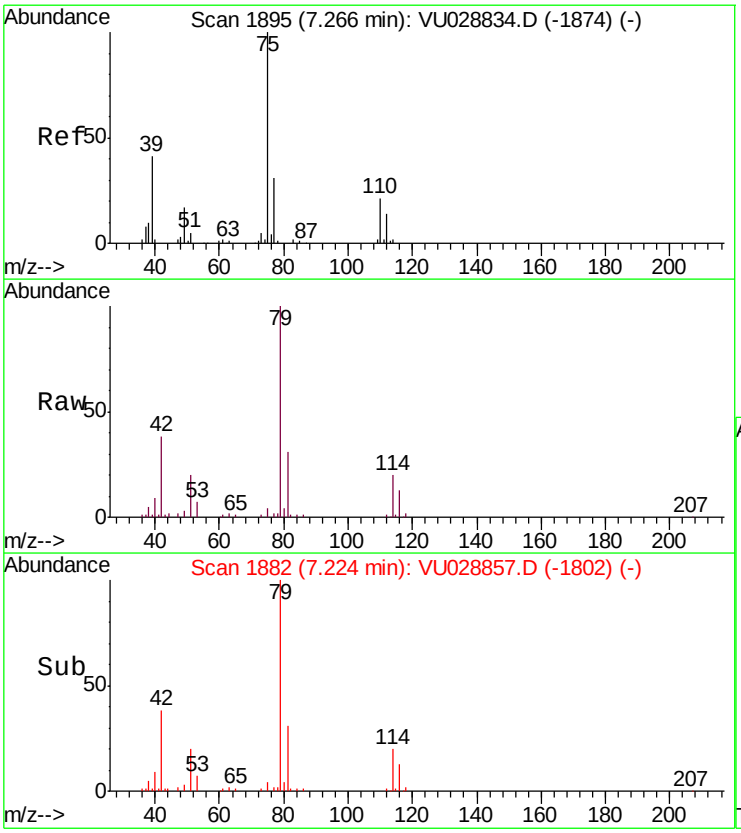
#37
1,2-Dichloropropane
Concen: 4.877 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9F74

Tgt Ion: 63 Resp: 8705

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

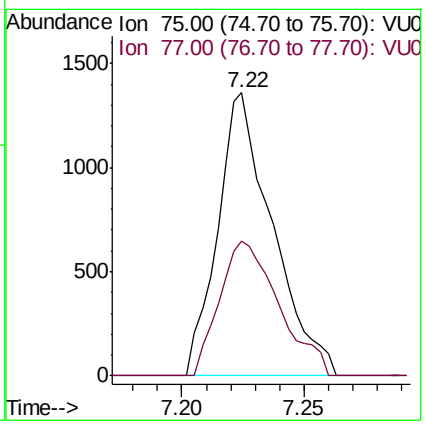


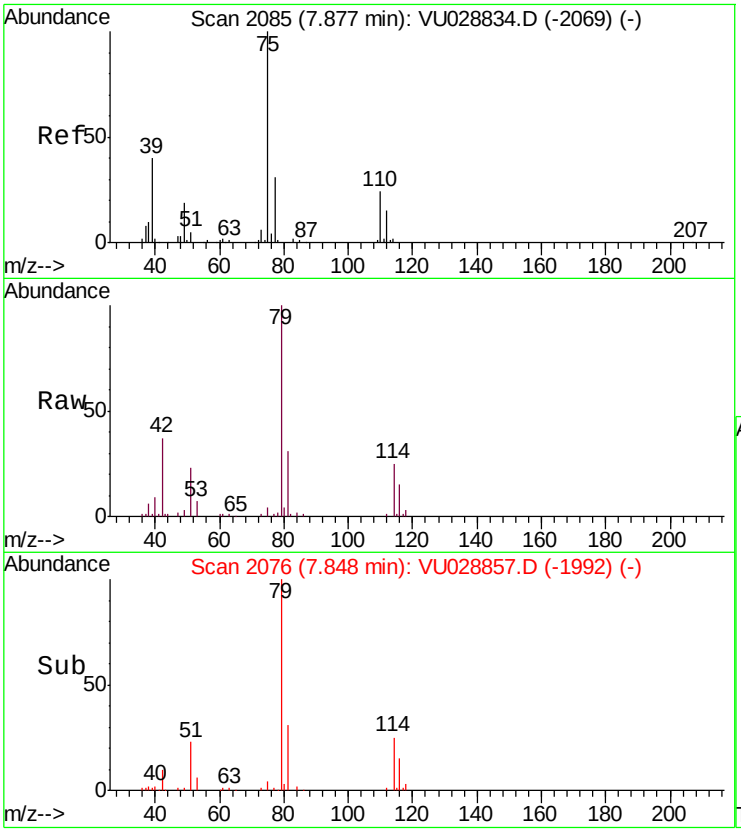


#39
cis-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 75 Resp: 2128

Ion	Ratio	Lower	Upper
75	100		
77	47.5	21.8	40.6#



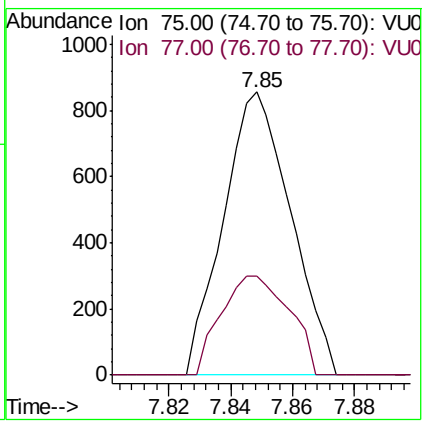


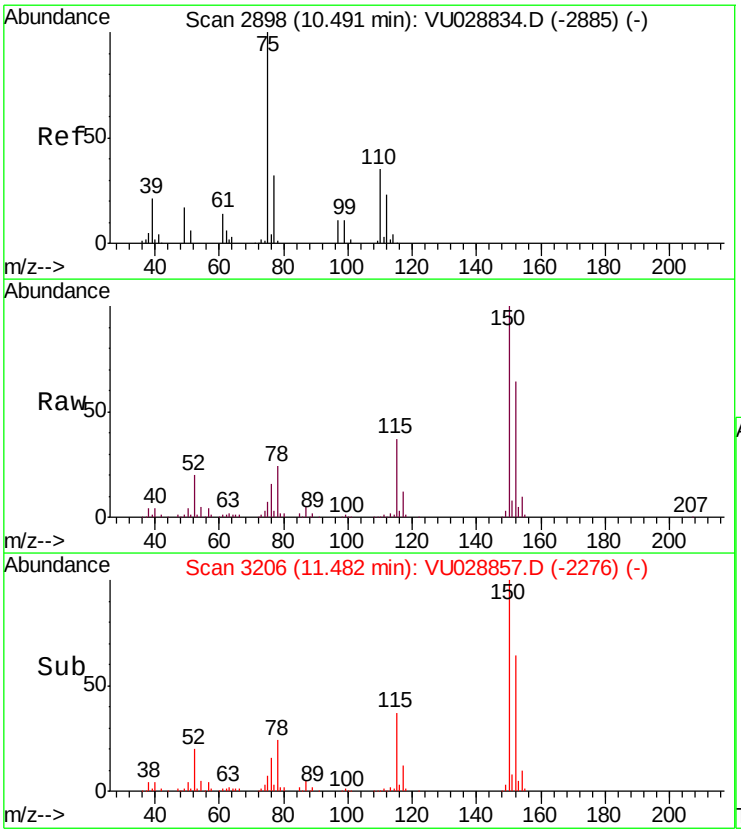
#44
trans-1,3-Dichloropropene
Concen: 0.571 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9F74

Tgt Ion: 75 Resp: 1296

Ion	Ratio	Lower	Upper
75	100		
77	34.9	21.8	40.6





#59
1,2,3-Trichloropropane
Concen: 4.802 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028857.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 75 Resp: 10228

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3