Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\

Quantitation Report (Not Reviewed)

Data File : VU027614.D
Acq On : 12 Oct 2018 10:01
Operator : MD/SY
Sample : J5403-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0906

Quant Time: Oct 13 01:40:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	183995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69391	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	64704	44.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.38%			
7) Chloroethane-d5	1.68	69	51411	46.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.18%			
11) 1,1-Dichloroethene-d2	2.28	63	91721	33.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.54%			
21) 2-Butanone-d5	4.18	46	106152	90.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.81%			
24) Chloroform-d	4.65	84	108424	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.64%			
26) 1,2-Dichloroethane-d4	5.31	65	75330	46.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.82%			
32) Benzene-d6	5.34	84	227534	47.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.14%			
36) 1,2-Dichloropropane-d6	6.33	67	80804	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.60%			
41) Toluene-d8	7.57	98	190384	44.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.12%			
43) trans-1,3-Dichloropropene-	7.85	79	33512	42.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.00%			
47) 2-Hexanone-d5	8.31	63	74126	88.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.63%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98195	45.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.70%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65642	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.70%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	695	0.571	ug/L #	21
13) Acetone	2.32	43	29531	30.801	ug/L	100
15) Methyl Acetate	2.62	43	1443	0.751	ug/L #	80
27) 1,2-Dichloroethane	5.34	62	1244	0.590	ug/L #	75
37) 1,2-Dichloropropane	6.33	63	8061	5.020	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1398	0.638	ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	9505	5.228	ug/L	93

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

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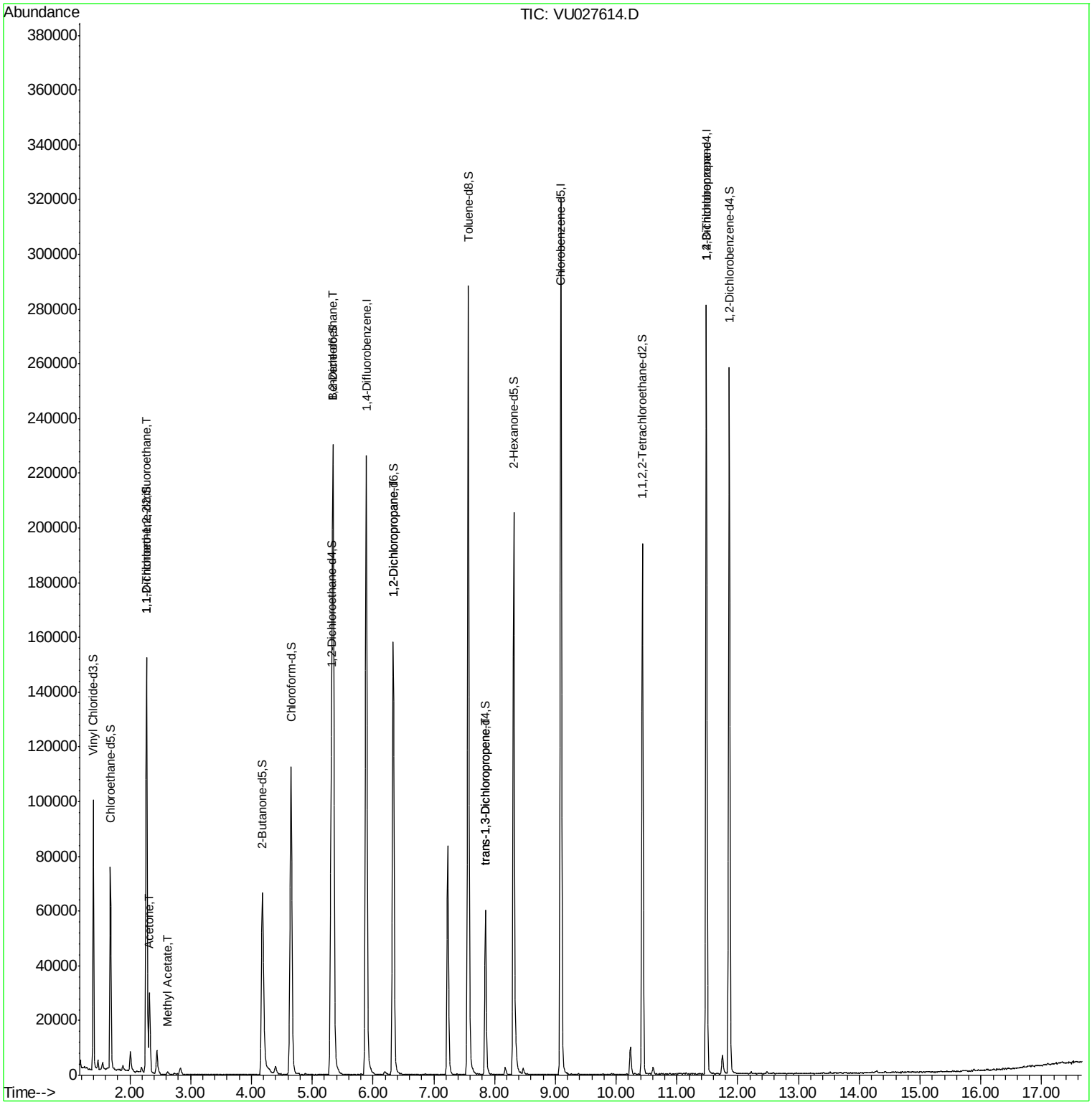
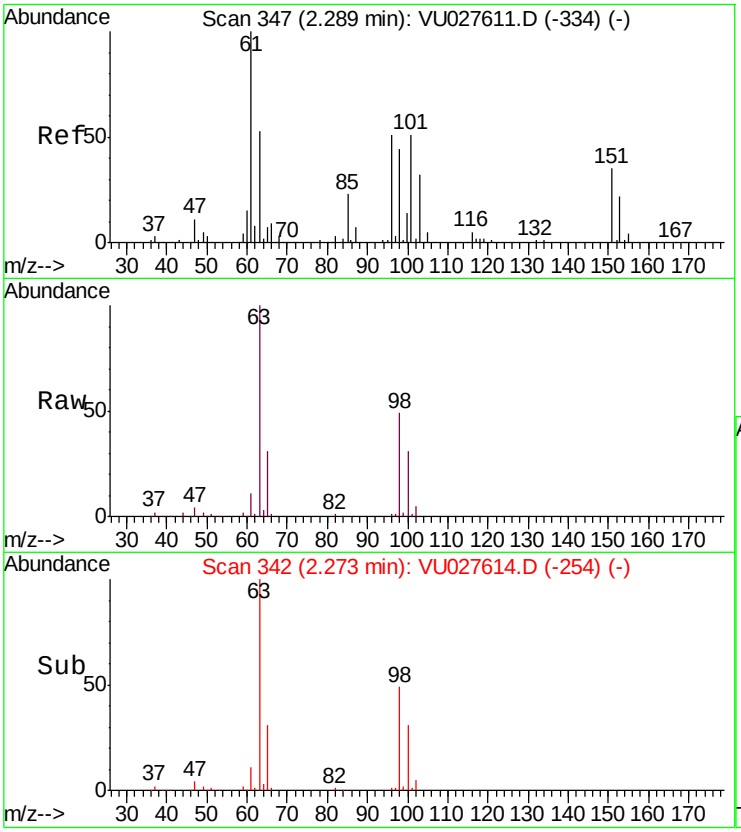


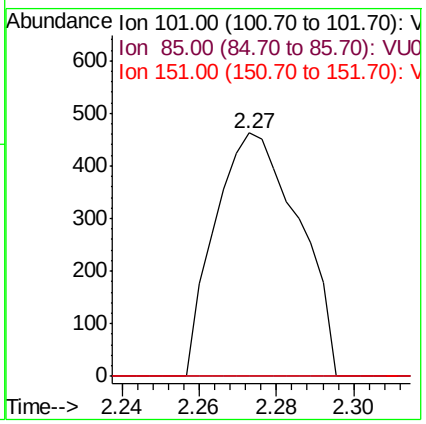


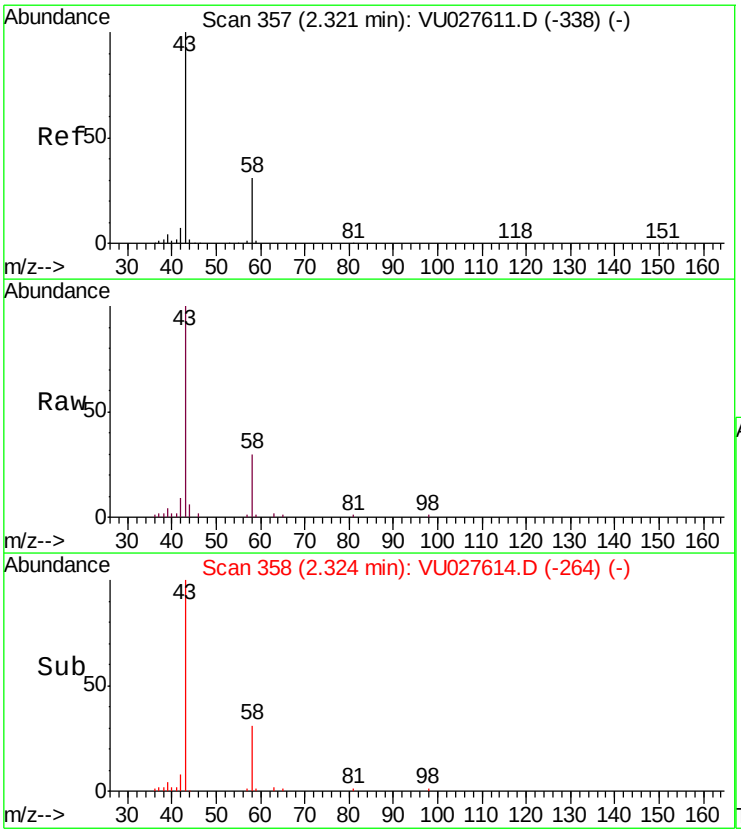
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.571 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Instrument : MSVOA_U
ClientSampleId : C0906

Tgt Ion:101 Resp: 695

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	55.7	83.5#

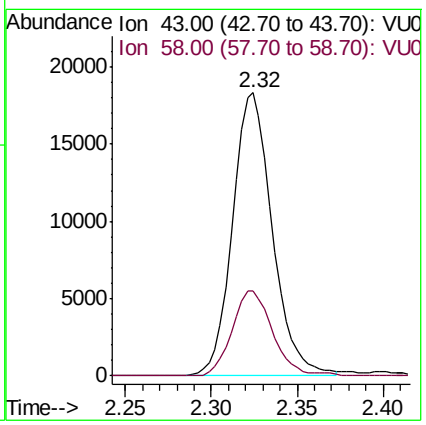


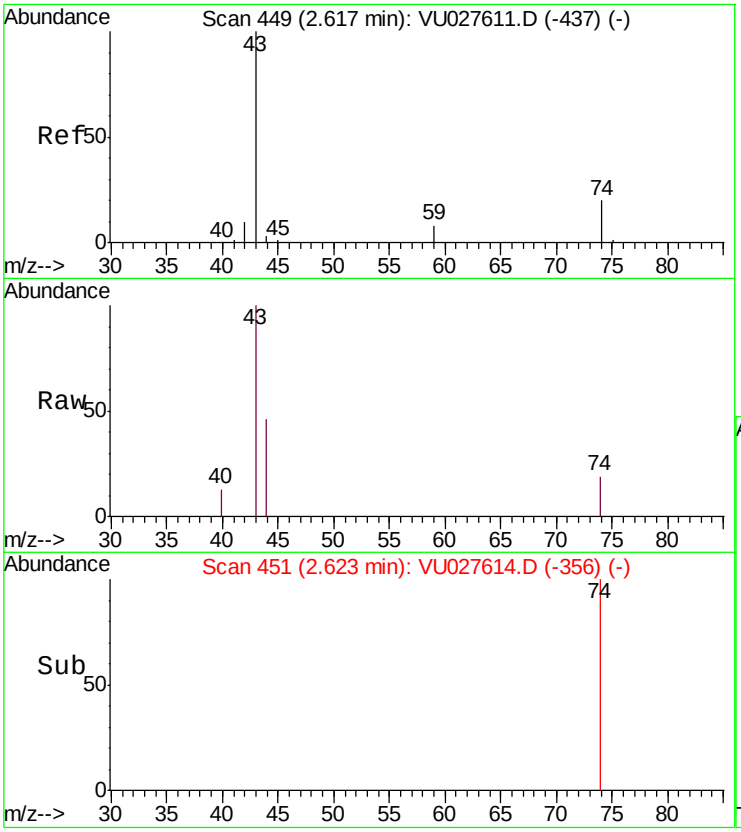


#13
Acetone
Concen: 30.801 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Tgt Ion: 43 Resp: 29531

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	60.8



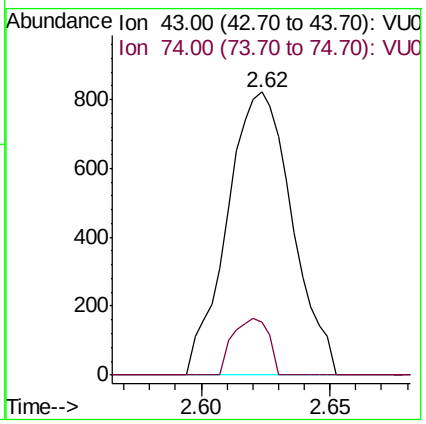


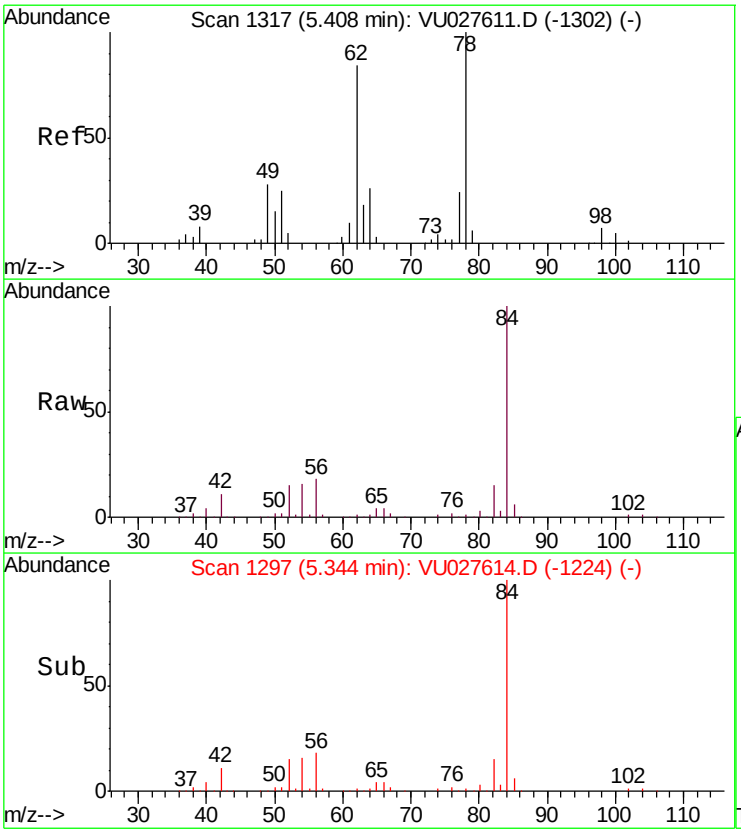
#15
Methyl Acetate
Concen: 0.751 ug/L
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Instrument :
MSVOA_U
ClientSampleId :
C0906

Tgt Ion: 43 Resp: 1443

Ion	Ratio	Lower	Upper
43	100		
74	10.9	16.0	24.0#

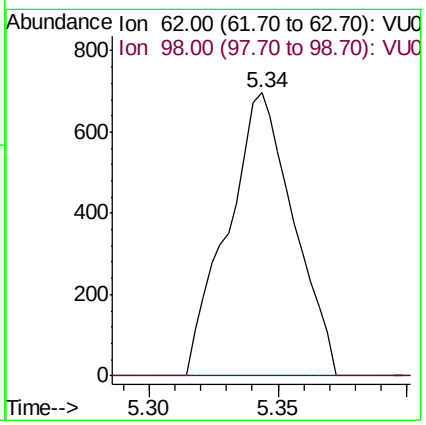


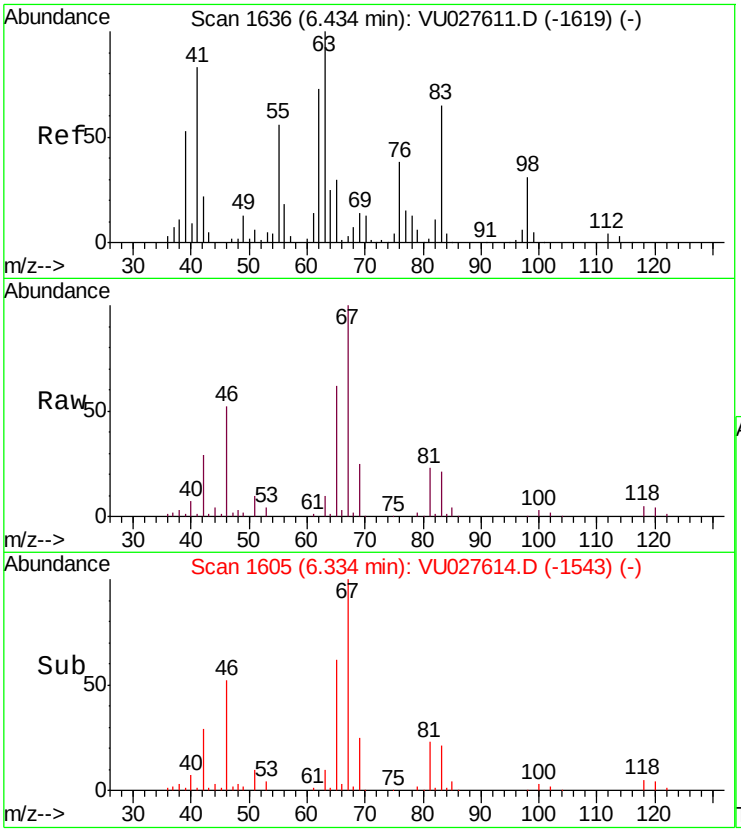


#27
1,2-Dichloroethane
Concen: 0.590 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.06 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Tgt Ion: 62 Resp: 1244

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#



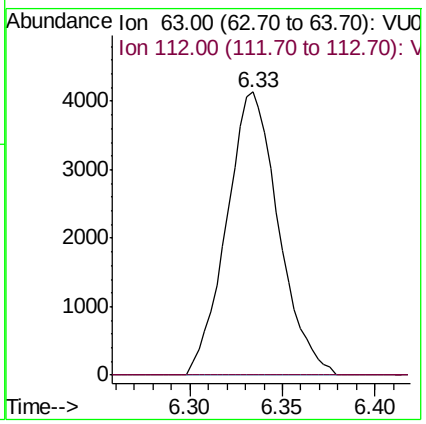


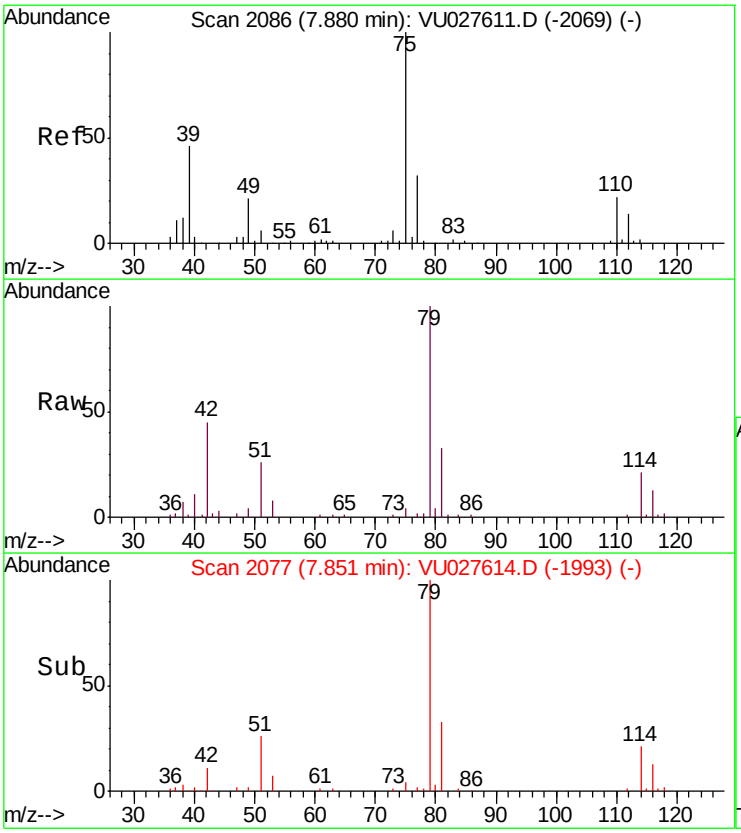
#37
1,2-Dichloropropane
Concen: 5.020 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Instrument : MSVOA_U
ClientSampleId : C0906

Tgt Ion: 63 Resp: 8061

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

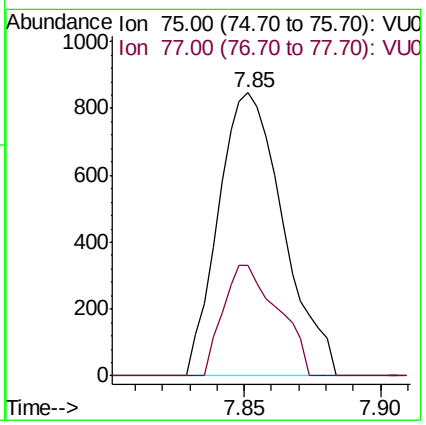


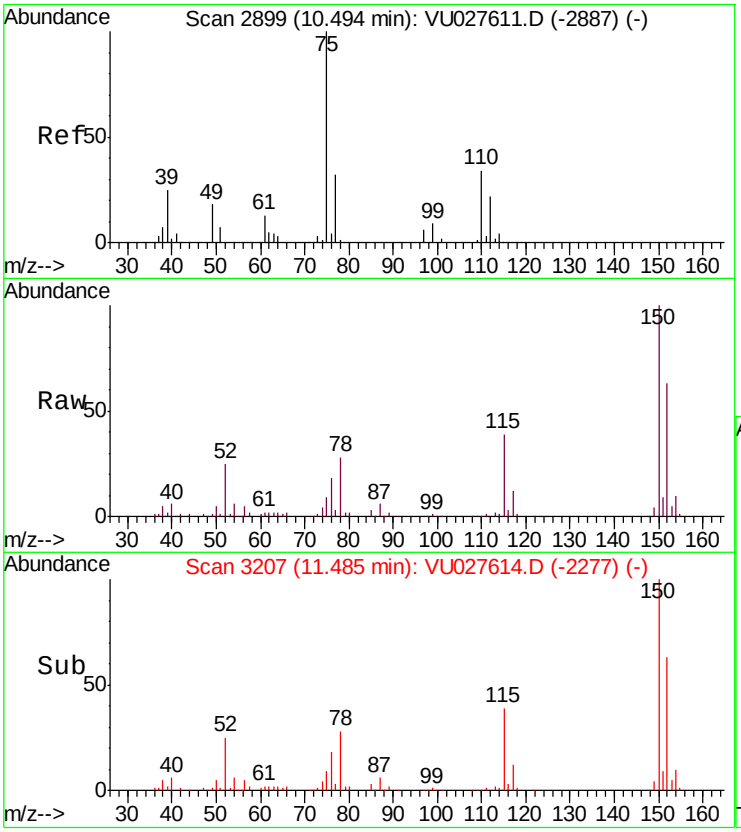


#44
trans-1,3-Dichloropropene
Concen: 0.638 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Tgt Ion: 75 Resp: 1398

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.2	41.2





#59
1,2,3-Trichloropropane
Concen: 5.228 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027614.D
Acq: 12 Oct 2018 10:01

Instrument :
MSVOA_U
ClientSampleId :
C0906

Tgt Ion: 75 Resp: 9505

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.7	38.5