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

Quantitation Report (Not Reviewed)

Data File : VU027639.D
Acq On : 12 Oct 2018 21:37
Operator : MD/SY
Sample : J5405-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08X9

Quant Time: Oct 13 04:10:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169843	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156925	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60118	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	53438	39.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.96%			
7) Chloroethane-d5	1.68	69	43884	42.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.24%			
11) 1,1-Dichloroethene-d2	2.27	63	76326	30.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.88%			
21) 2-Butanone-d5	4.18	46	107167	99.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.32%			
24) Chloroform-d	4.65	84	98374	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.04%			
26) 1,2-Dichloroethane-d4	5.31	65	69293	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.50%			
32) Benzene-d6	5.34	84	194396	43.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.44%			
36) 1,2-Dichloropropane-d6	6.33	67	70981	46.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.16%			
41) Toluene-d8	7.57	98	156162	38.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.70%#			
43) trans-1,3-Dichloropropene-	7.85	79	28536	38.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.88%			
47) 2-Hexanone-d5	8.31	63	70187	90.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92354	45.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54321	46.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.38%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1926	2.176	ug/L	92
35) Methylcyclohexane	6.33	83	15404	7.149	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7667	5.132	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1691	0.770	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	1334	0.655	ug/L #	68
48) 2-Hexanone	8.31	43	8257	4.780	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	8244	4.874	ug/L	94

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

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Quant Title : VOC Analysis
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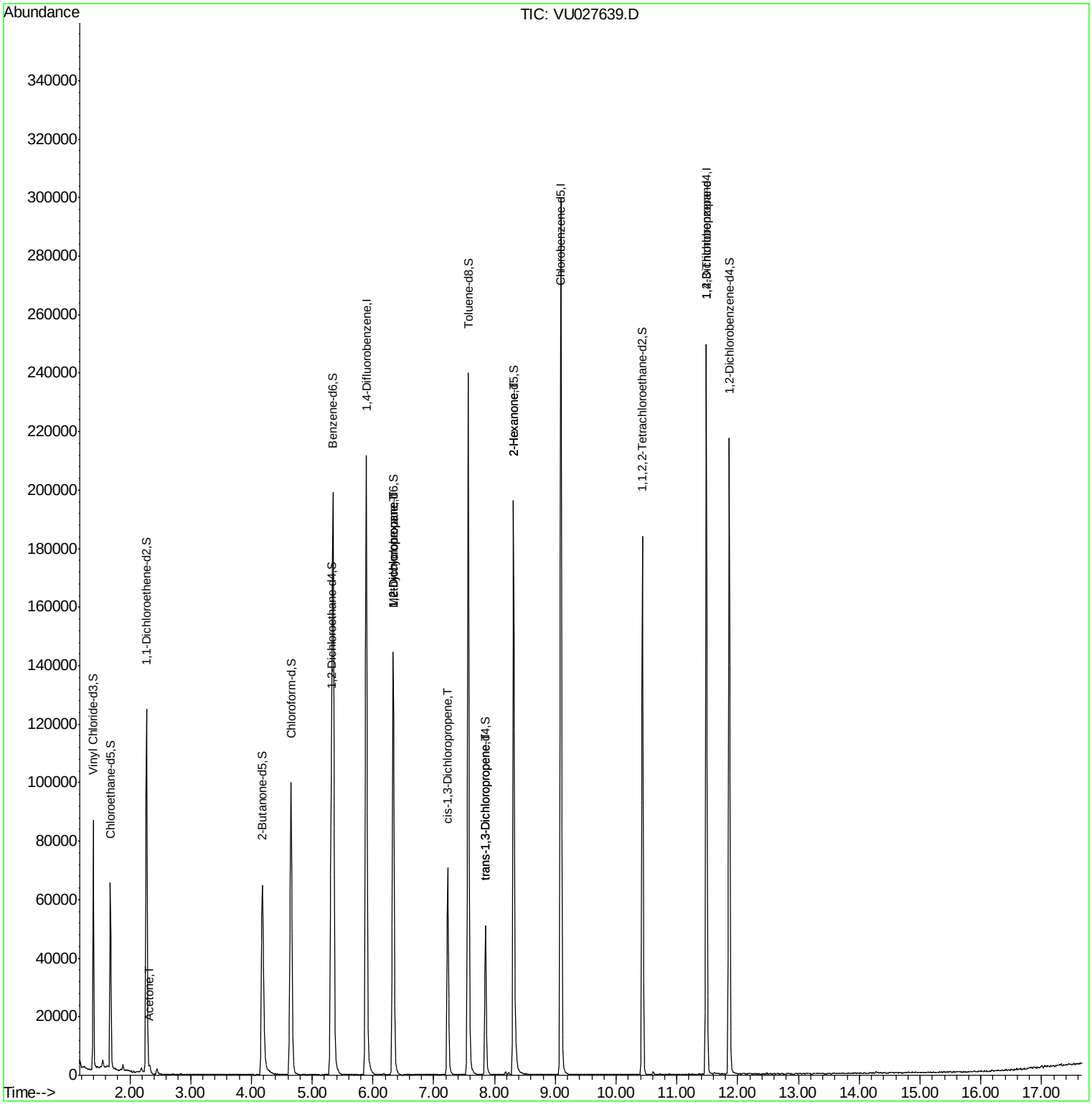
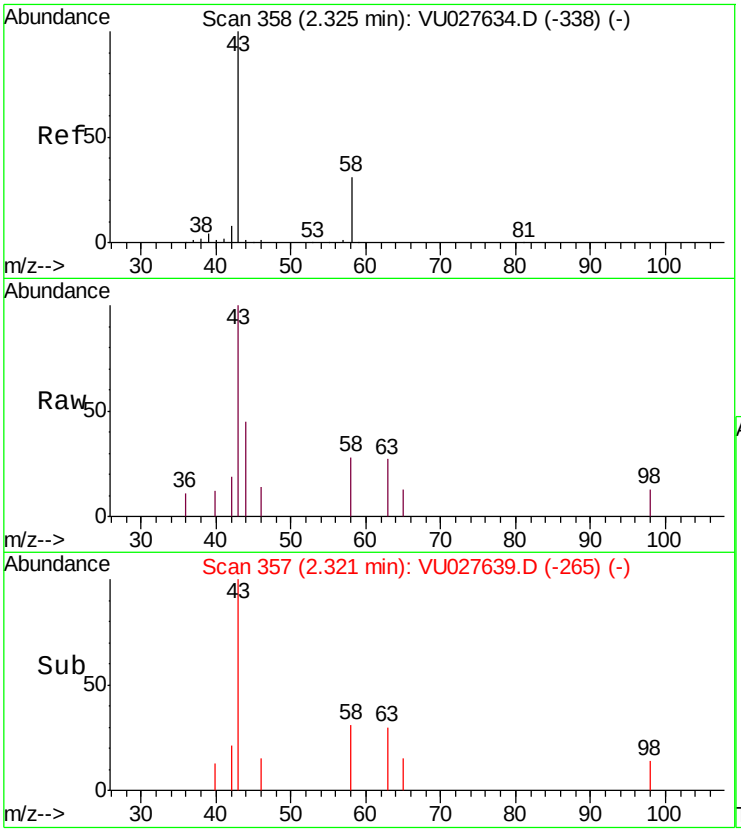


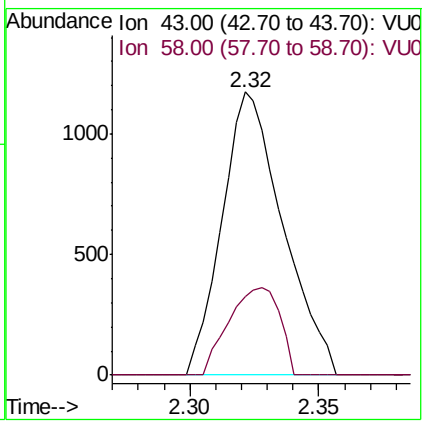


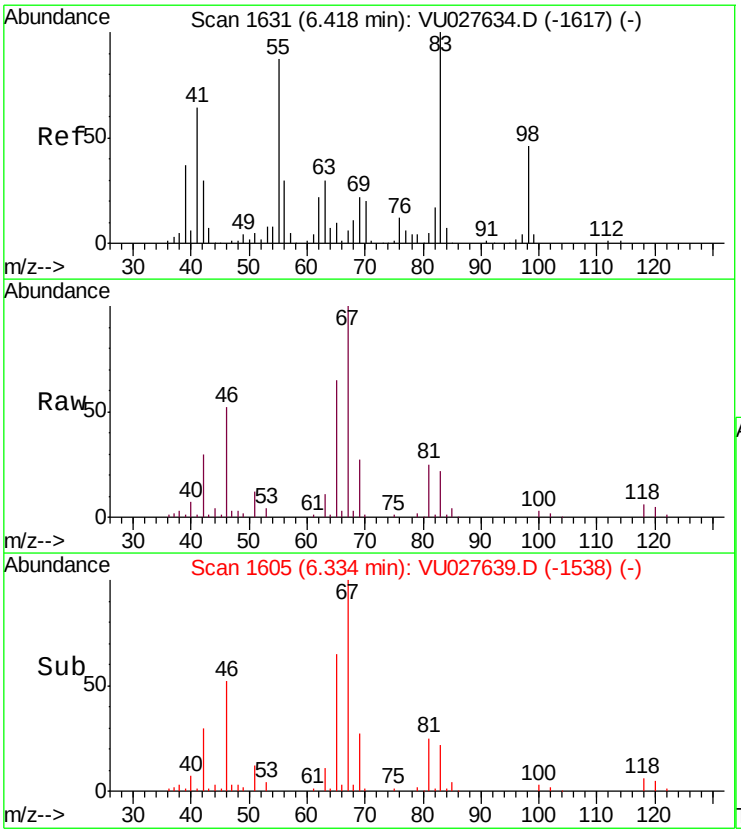
#13
Acetone
Concen: 2.176 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Instrument : MSVOA_U
ClientSampleId : C08X9

Tgt Ion: 43 Resp: 1926

Ion	Ratio	Lower	Upper
43	100		
58	26.0	0.0	60.8

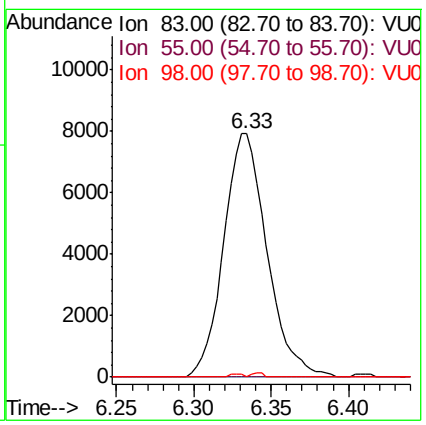


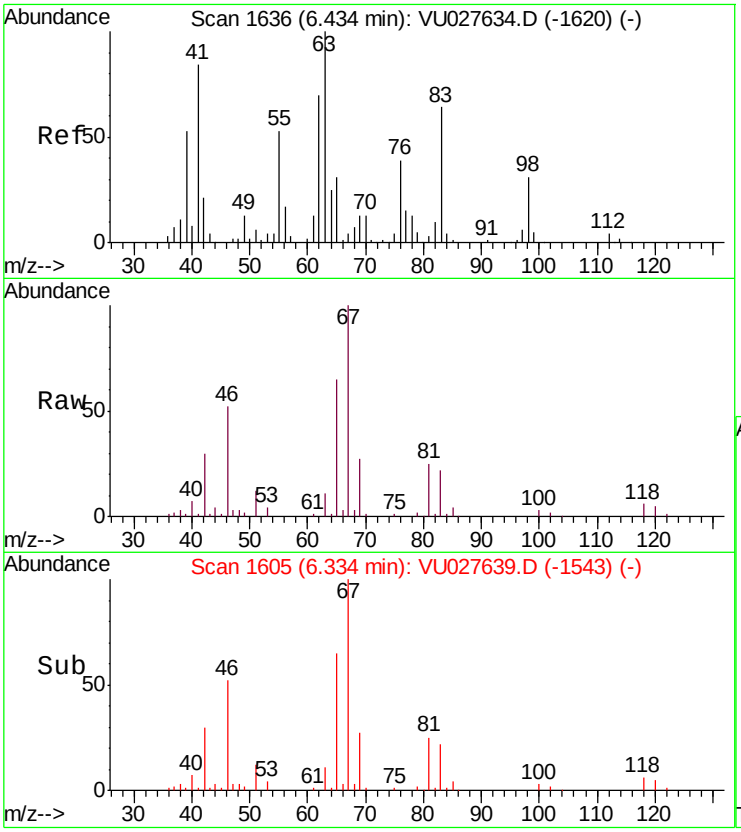


#35
Methylcyclohexane
Concen: 7.149 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Tgt Ion: 83 Resp: 15404

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.9	104.9#
98	0.4	37.1	55.7#



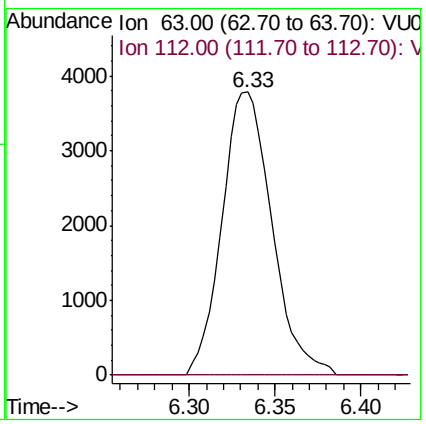


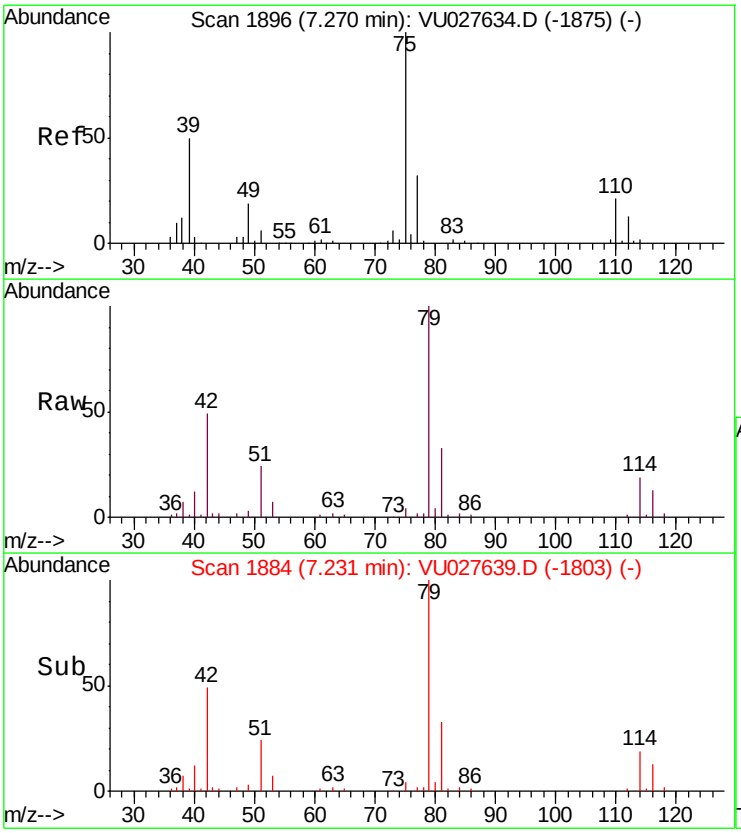
#37
1,2-Dichloropropane
Concen: 5.132 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Instrument : MSVOA_U
ClientSampleId : C08X9

Tgt Ion: 63 Resp: 7667

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

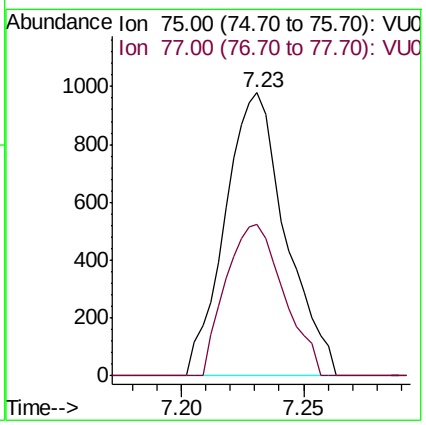


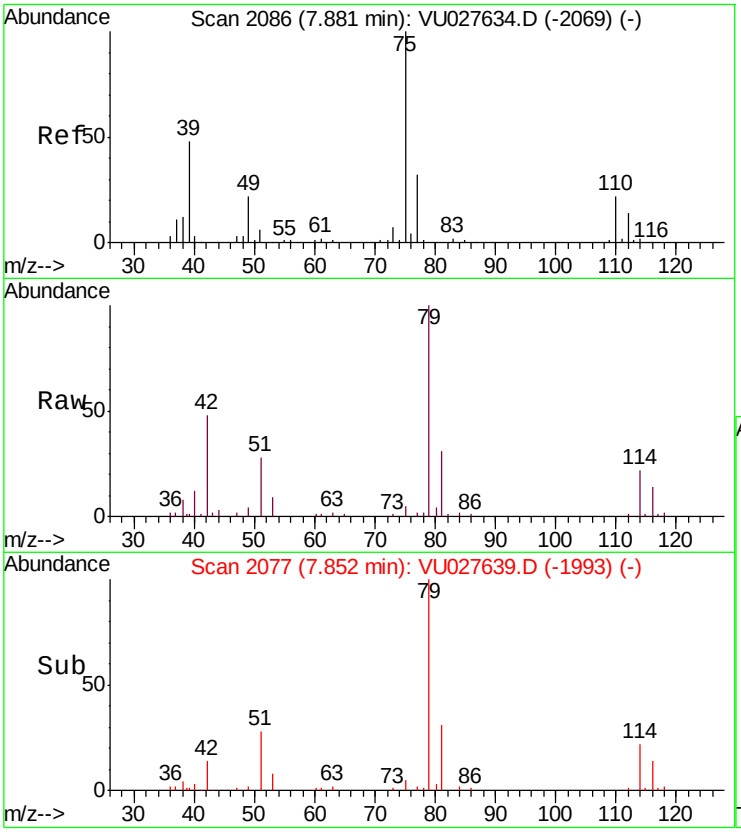


#39
cis-1,3-Dichloropropene
Concen: 0.770 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Tgt Ion: 75 Resp: 1691

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.1	41.1#



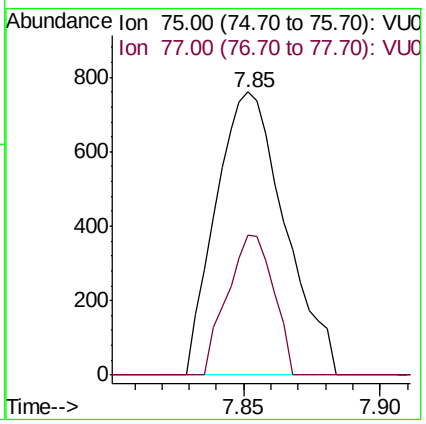


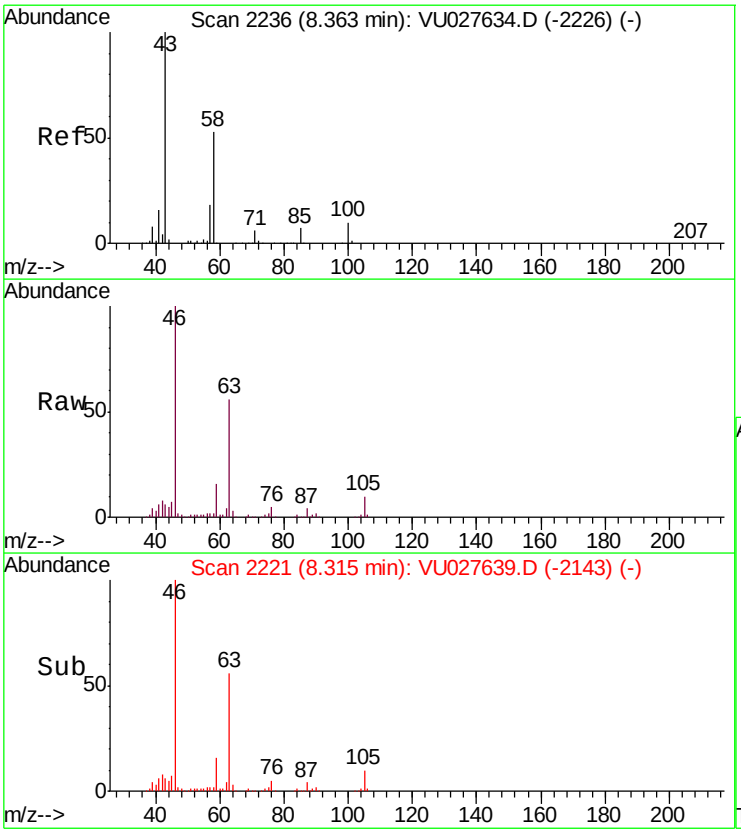
#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Instrument : MSVOA_U
ClientSampleId : C08X9

Tgt Ion: 75 Resp: 1334

Ion	Ratio	Lower	Upper
75	100		
77	49.3	22.2	41.2#

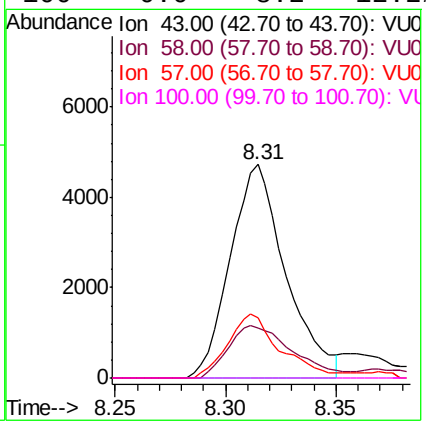


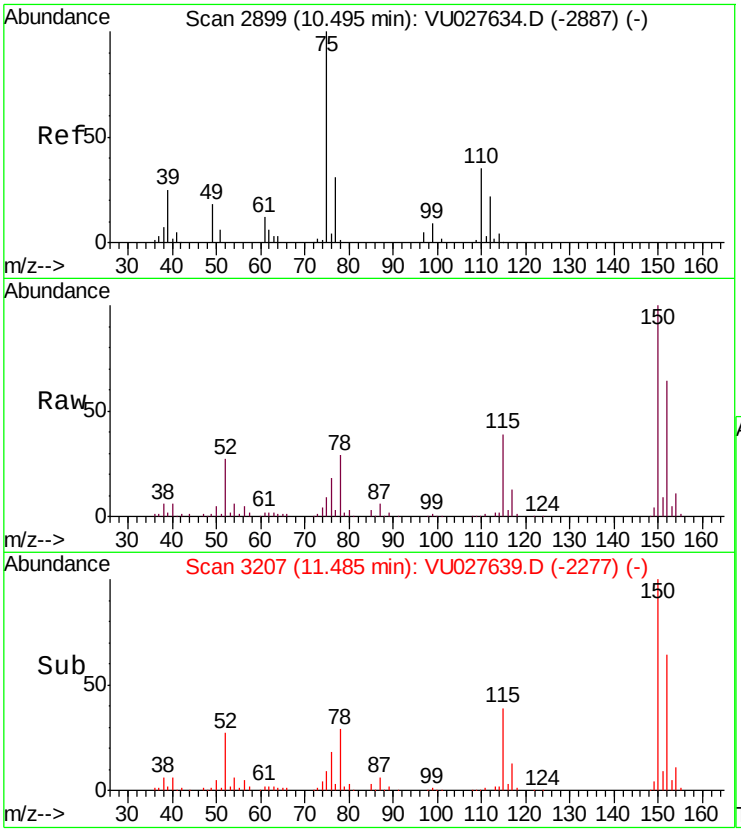


#48
2-Hexanone
Concen: 4.780 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Tgt Ion: 43 Resp: 8257

Ion	Ratio	Lower	Upper
43	100		
58	28.2	42.7	64.1#
57	28.9	14.5	21.7#
100	0.0	8.2	12.2#





#59
1,2,3-Trichloropropane
Concen: 4.874 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027639.D
Acq: 12 Oct 2018 21:37

Instrument :
MSVOA_U
ClientSampleId :
C08X9

Tgt Ion: 75 Resp: 8244

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.7	38.5