Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

Quantitation Report (Not Reviewed)

Data File : VU026645.D
Acq On : 10 Sep 2018 13:05
Operator : MD/SY
Sample : J4837-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08H4

Quant Time: Sep 11 05:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	188180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76481	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67105	47.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.70%			
7) Chloroethane-d5	1.68	69	55135	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.58%			
11) 1,1-Dichloroethene-d2	2.27	63	90337	36.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.00%			
21) 2-Butanone-d5	4.18	46	85103	97.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.52%			
24) Chloroform-d	4.65	84	110930	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
26) 1,2-Dichloroethane-d4	5.31	65	73896	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.84%			
32) Benzene-d6	5.34	84	227577	50.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.56%			
36) 1,2-Dichloropropane-d6	6.33	67	77144	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.58%			
41) Toluene-d8	7.57	98	205081	48.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.54%			
43) trans-1,3-Dichloropropene-	7.85	79	33986	48.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.20%			
47) 2-Hexanone-d5	8.31	63	60221	98.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.13%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97361	47.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79459	52.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.24%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	791	0.685	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	613	0.552	ug/L #	1
35) Methylcyclohexane	6.33	83	16924	8.772	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7922	5.848	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2022	1.009	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1527	0.819	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	8835	5.512	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

Quantitation Report (Not Reviewed)

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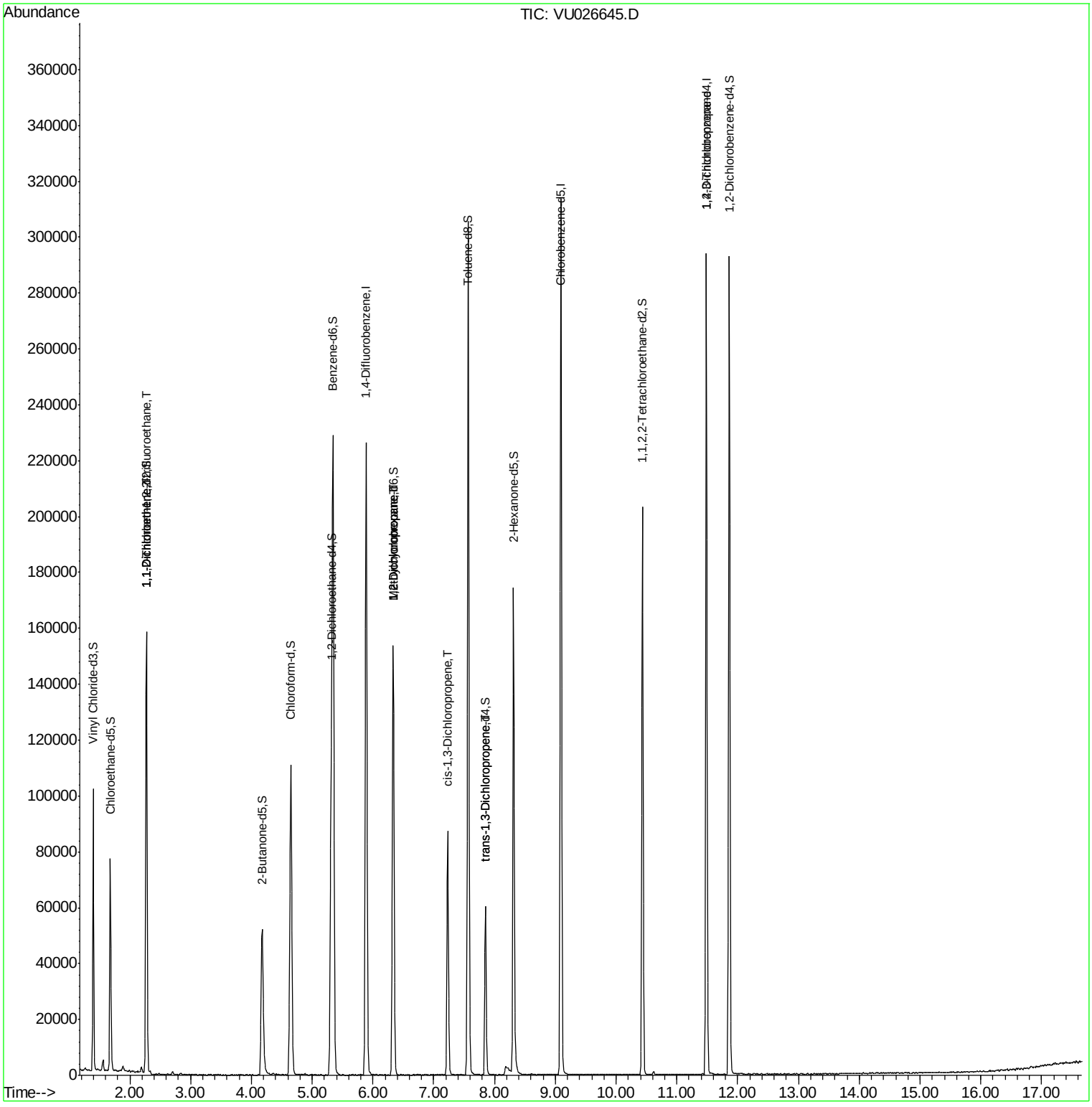
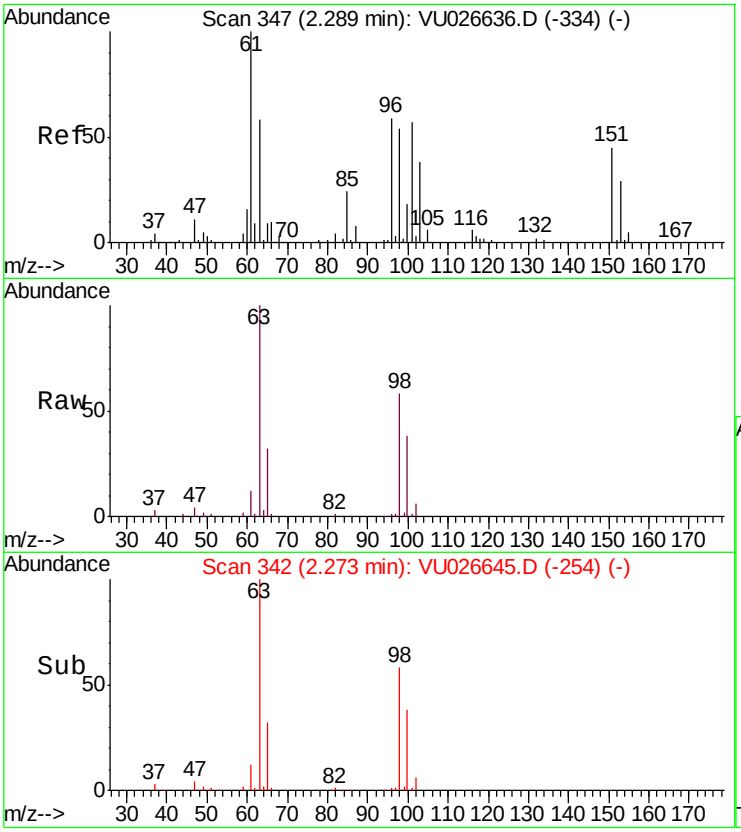
Operator : MD/SY
Sample : J4837-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Quant Time: Sep 11 05:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration



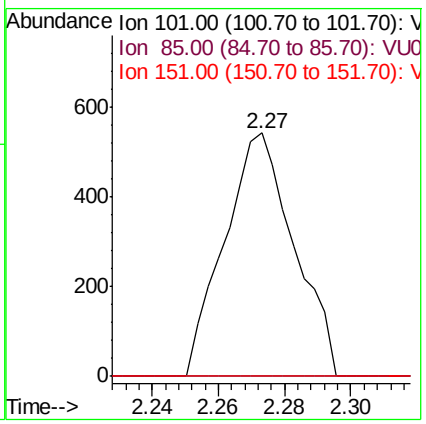


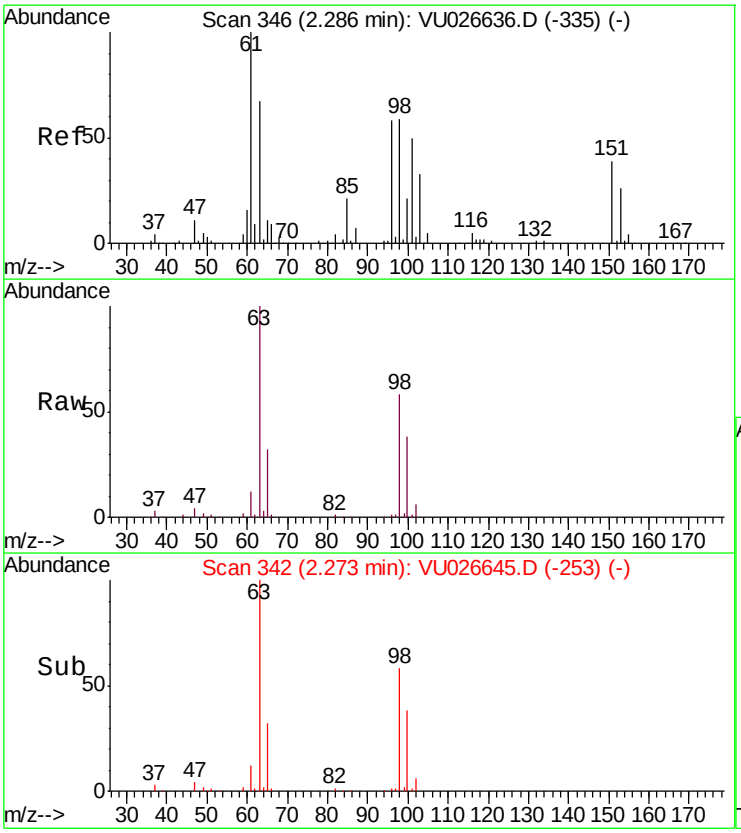
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.685 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Tgt Ion:101 Resp: 791

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

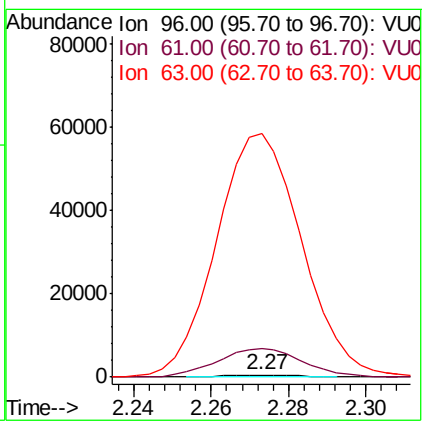


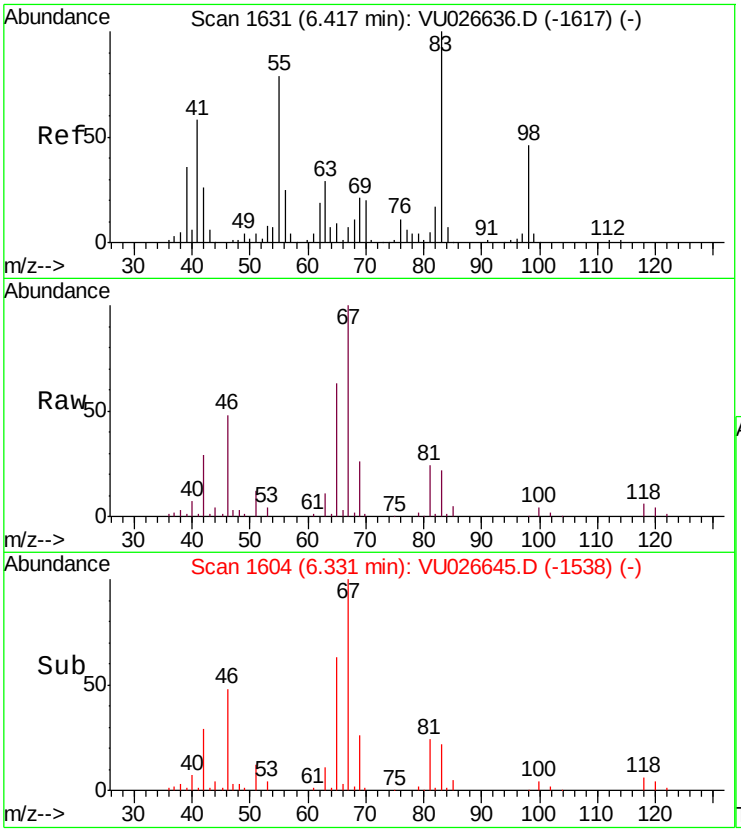


#12
1,1-Dichloroethene
Concen: 0.552 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Tgt Ion: 96 Resp: 613

Ion	Ratio	Lower	Upper
96	100		
61	1543.8	121.0	224.8#
63	12950.4	89.9	166.9#



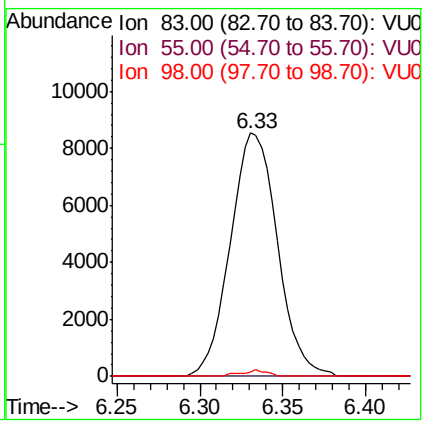


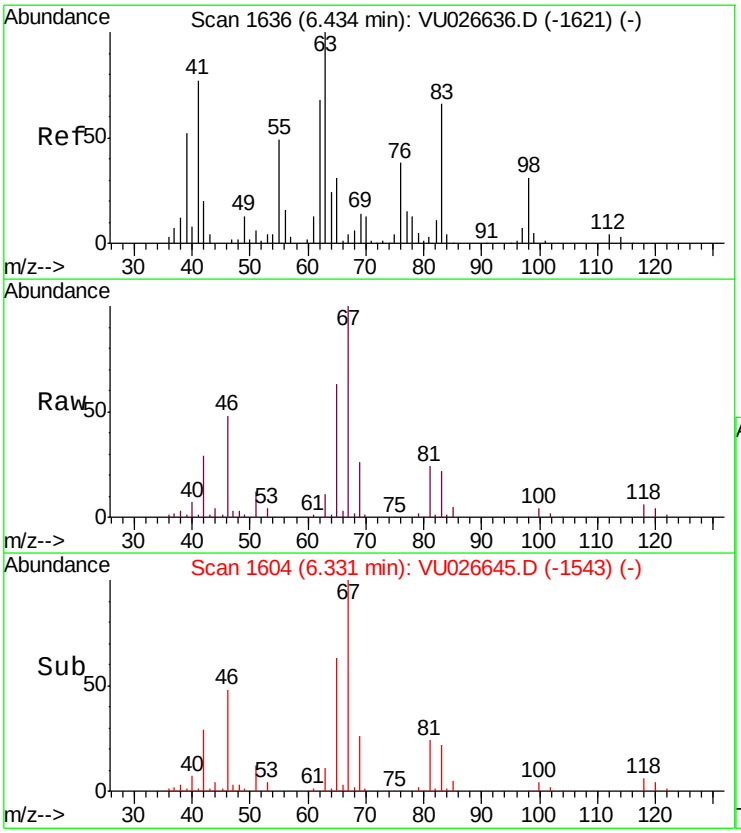
#35
Methylcyclohexane
Concen: 8.772 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Instrument : MSVOA_U
ClientSampleId : C08H4

Tgt Ion: 83 Resp: 16924

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.6	37.0	55.4#

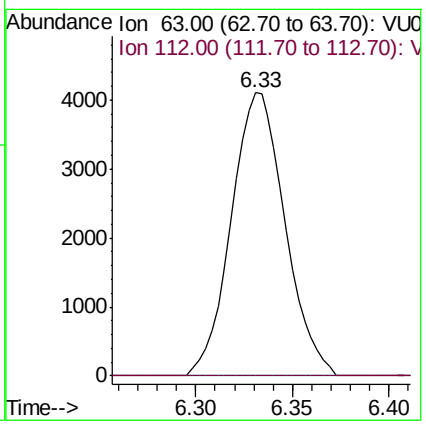


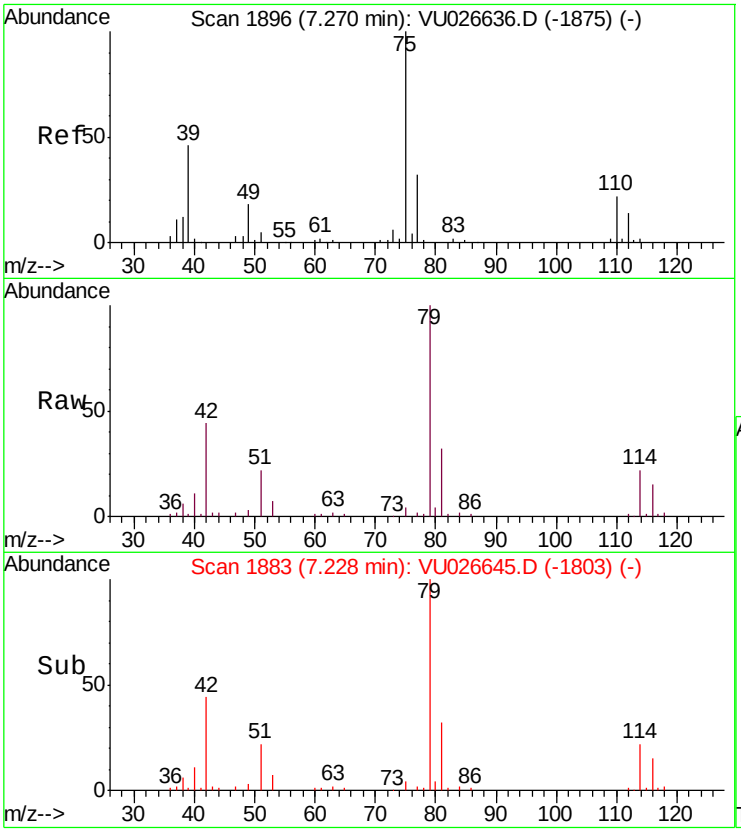


#37
1,2-Dichloropropane
Concen: 5.848 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Tgt Ion: 63 Resp: 7922

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



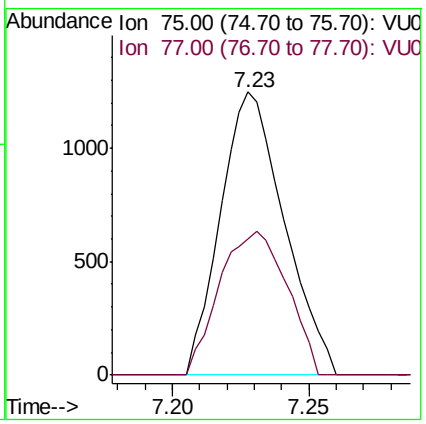


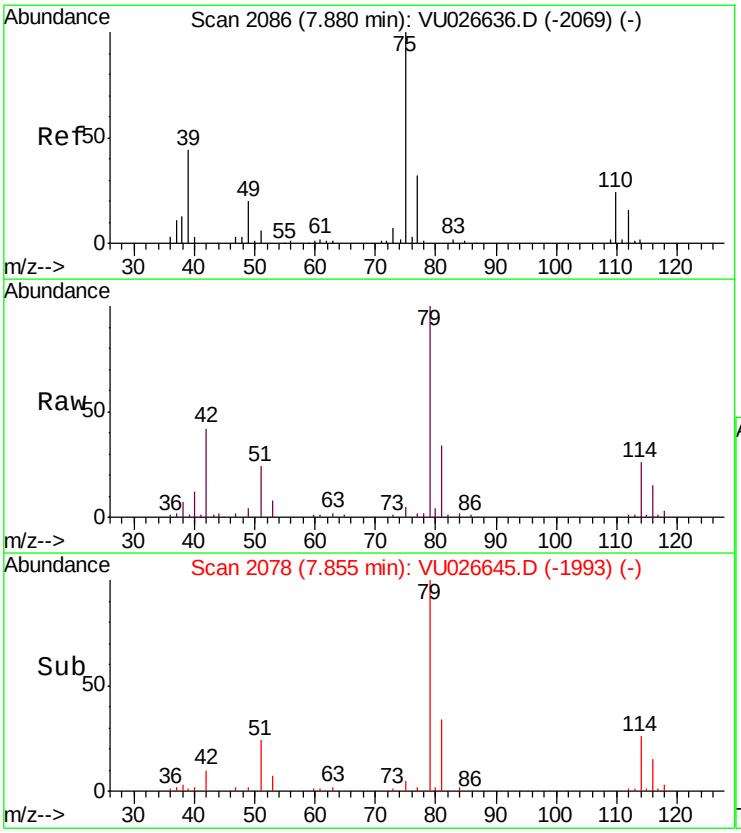
#39
cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Tgt Ion: 75 Resp: 2022

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.3	41.3#

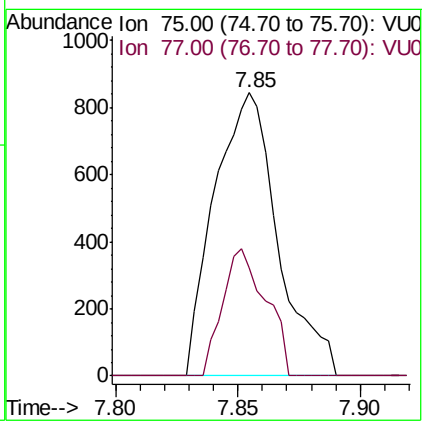


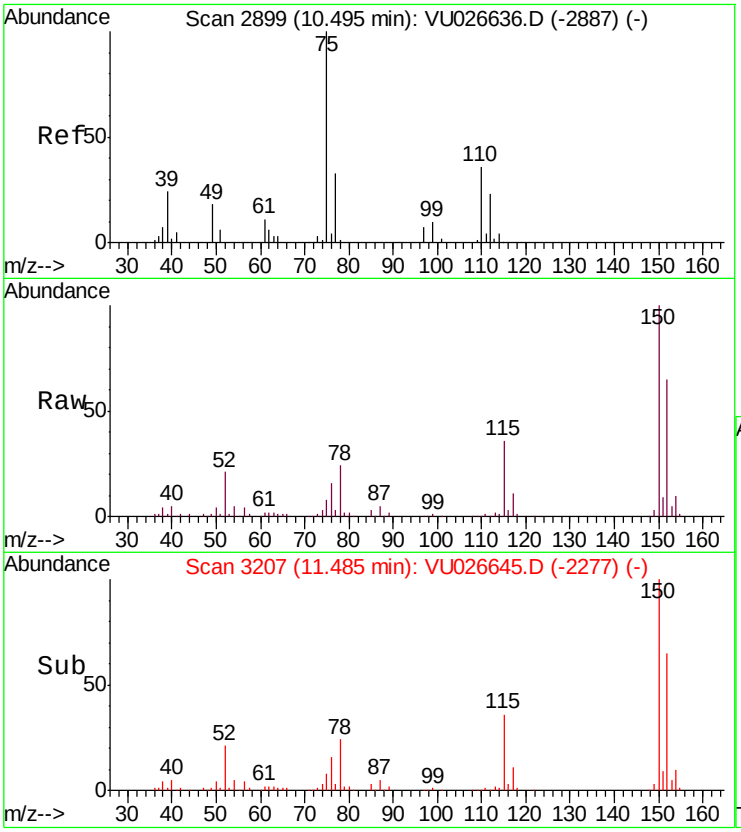


#44
trans-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Tgt Ion: 75 Resp: 1527

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 5.512 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026645.D
Acq: 10 Sep 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Tgt Ion: 75 Resp: 8835

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.8	38.6