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

Quantitation Report (Not Reviewed)

Data File : VU026654.D
Acq On : 10 Sep 2018 16:33
Operator : MD/SY
Sample : J4837-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08H8

Quant Time: Sep 11 05:32:05 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	185432	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72610	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65097	47.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.22%			
7) Chloroethane-d5	1.68	69	54114	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.27	63	86454	34.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.92%			
21) 2-Butanone-d5	4.18	46	89373	103.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.93%			
24) Chloroform-d	4.65	84	109226	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.08%			
26) 1,2-Dichloroethane-d4	5.31	65	73827	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
32) Benzene-d6	5.34	84	224313	51.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.34%			
36) 1,2-Dichloropropane-d6	6.33	67	76148	52.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.54%			
41) Toluene-d8	7.57	98	200853	49.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.62%			
43) trans-1,3-Dichloropropene-	7.85	79	32843	48.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.98%			
47) 2-Hexanone-d5	8.31	63	62871	105.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.77%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101661	50.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.94%			
64) 1,2-Dichlorobenzene-d4	11.86	152	76942	53.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.32%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	11958	12.161	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	692	0.608	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	661	0.605	ug/L #	1
13) Acetone	2.32	43	1531	1.563	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	819287	229.497	ug/L	100
33) Benzene	5.40	78	12718	2.708	ug/L	100
35) Methylcyclohexane	6.33	83	16853	9.018	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7961	6.067	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1968	1.013	ug/L #	81
44) trans-1,3-Dichloropropene	7.85	75	1227	0.679	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	8621	5.552	ug/L	94

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

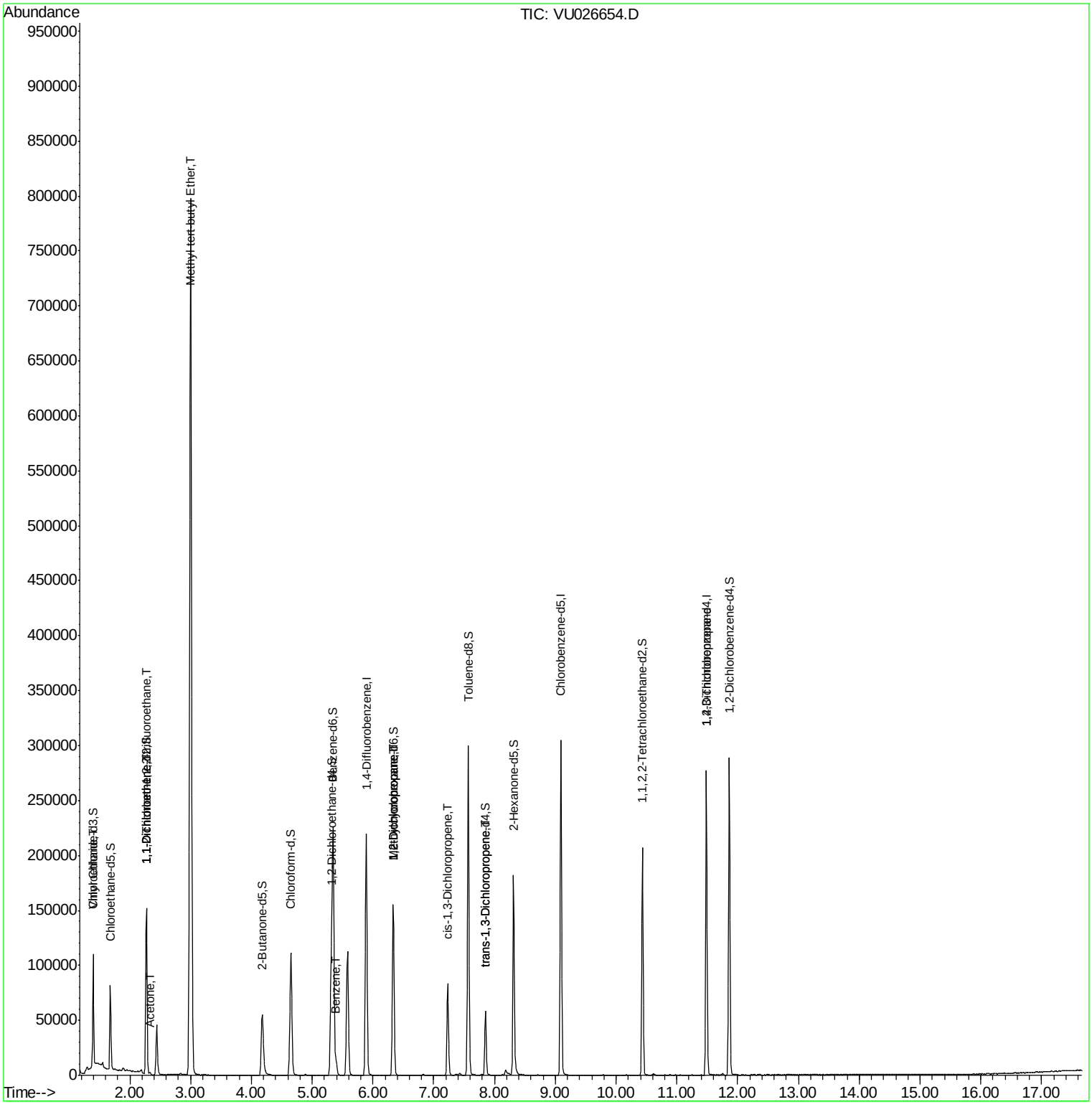
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

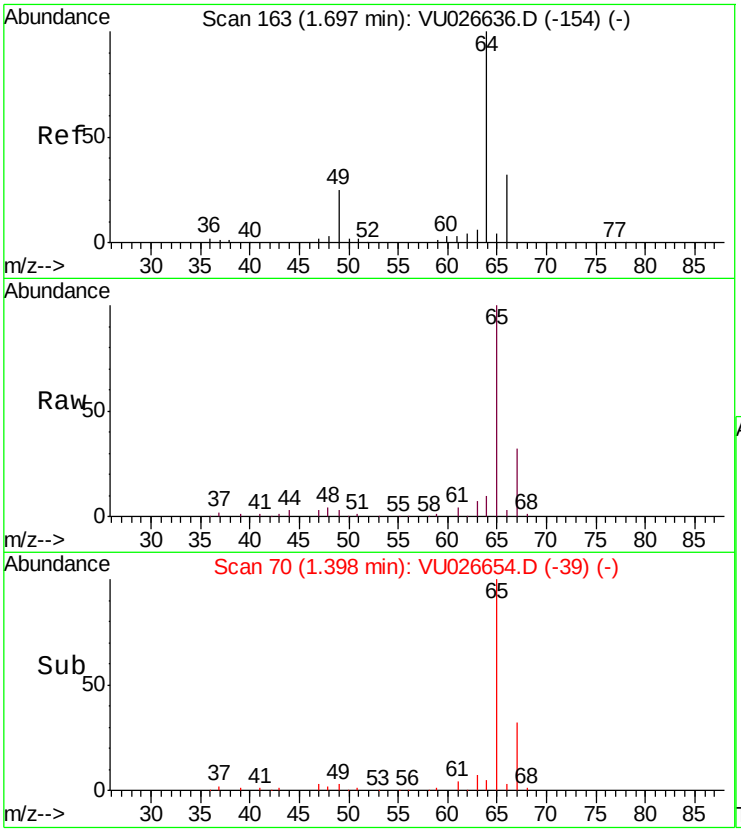
Quantitation Report (Not Reviewed)

Data File : VU026654.D
Acq On : 10 Sep 2018 16:33
Operator : MD/SY
Sample : J4837-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H8

Quant Time: Sep 11 05:32:05 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



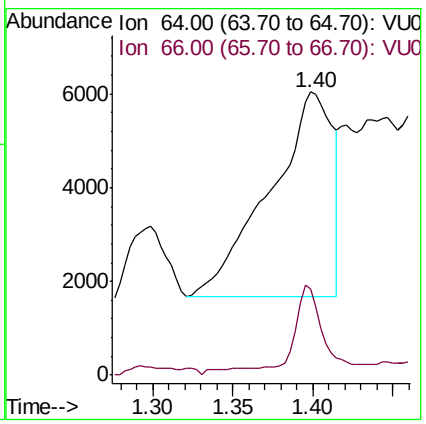


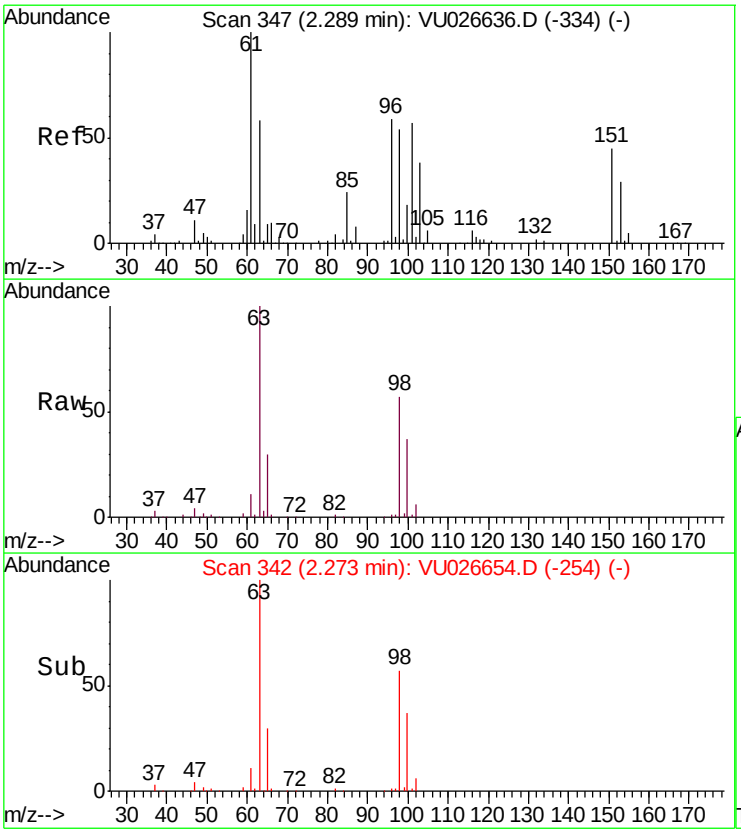
#8
Chloroethane
Concen: 12.161 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument :
MSVOA_U
ClientSampleId :
C08H8

Tgt Ion: 64 Resp: 11958

Ion	Ratio	Lower	Upper
64	100		
66	30.6	22.4	41.6

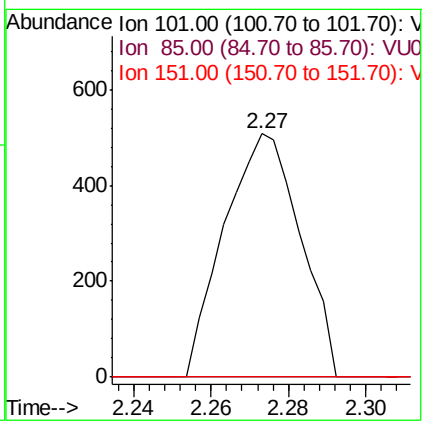


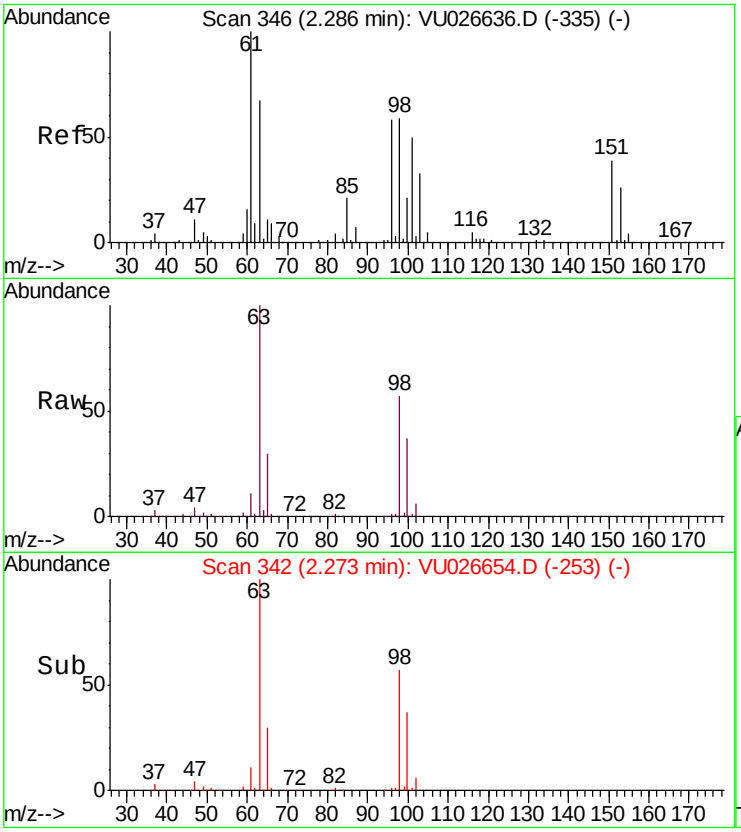


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.608 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Tgt Ion:101 Resp: 692

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



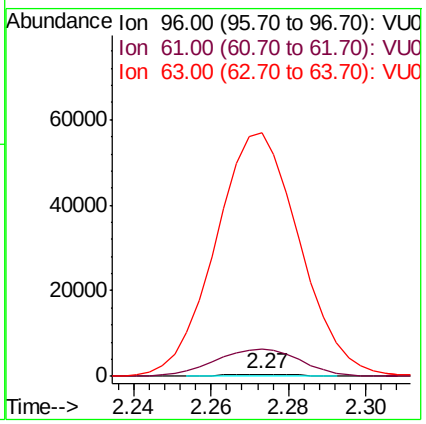


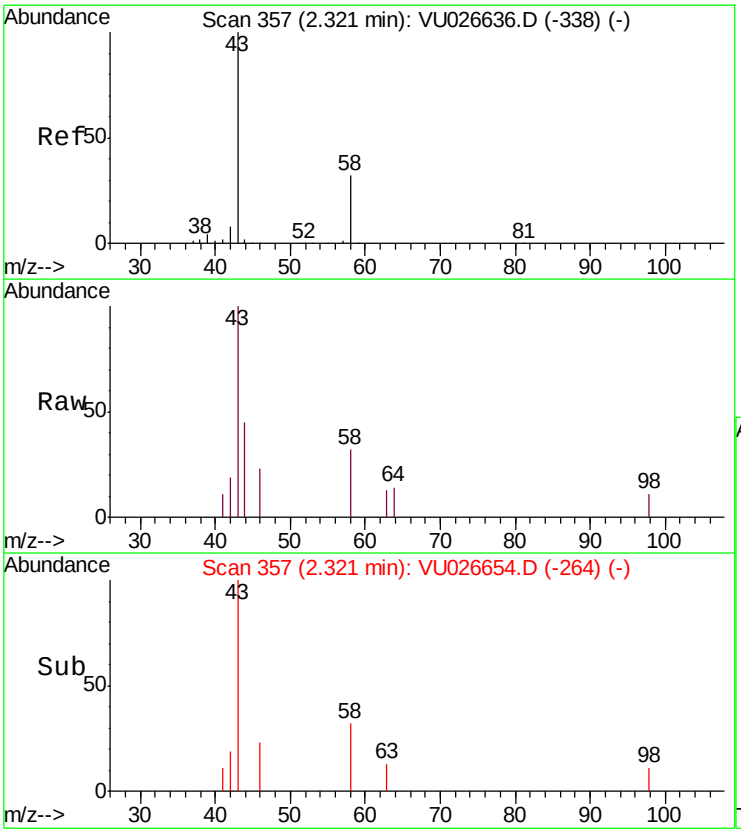
#12
1,1-Dichloroethene
Concen: 0.605 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument : MSVOA_U
ClientSampleId : C08H8

Tgt Ion: 96 Resp: 661

Ion	Ratio	Lower	Upper
96	100		
61	1314.9	121.0	224.8#
63	11784.7	89.9	166.9#

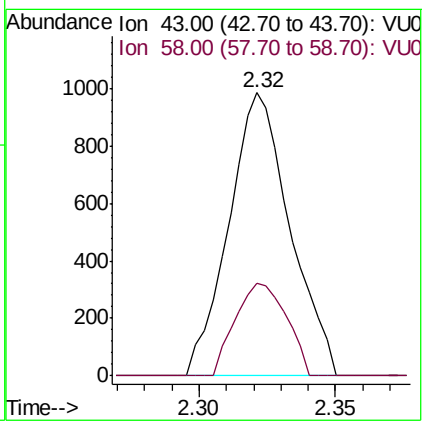


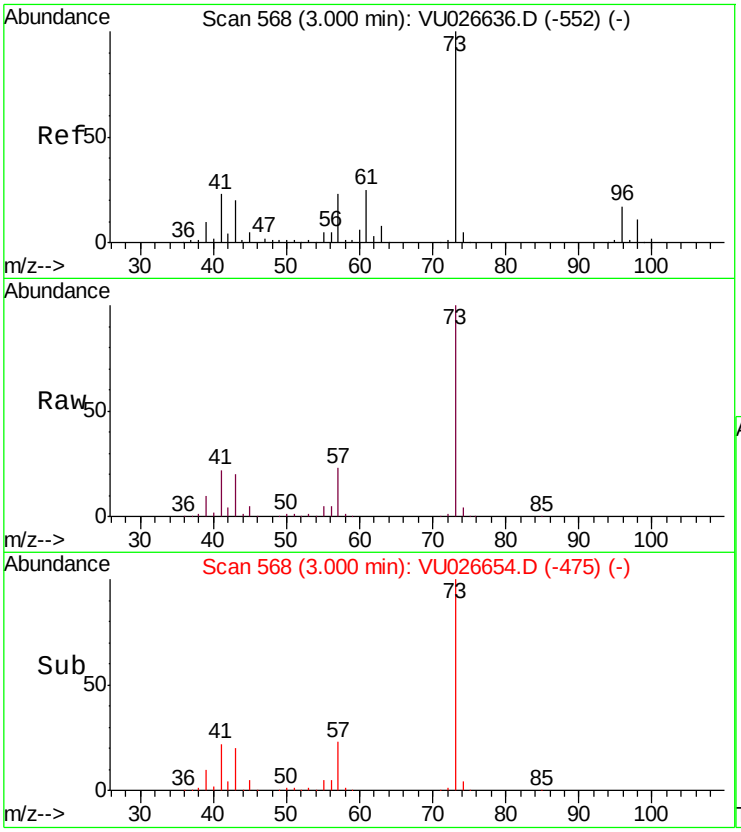


#13
Acetone
Concen: 1.563 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Tgt Ion: 43 Resp: 1531

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	62.8



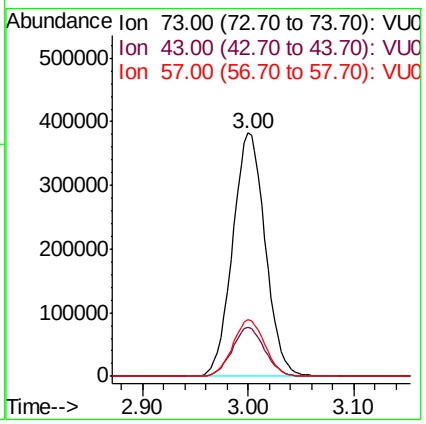


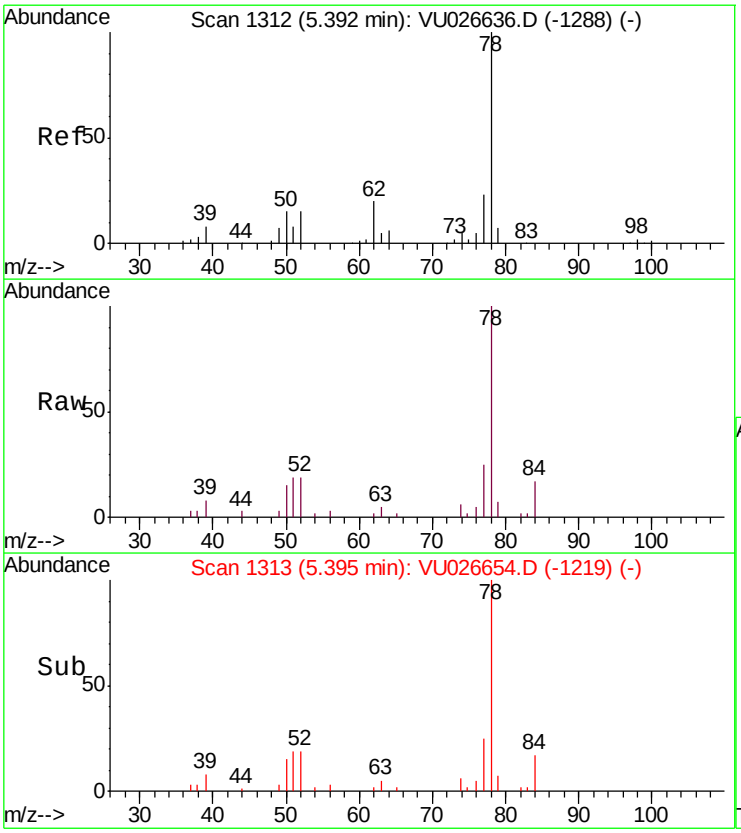
#18
Methyl tert-butyl Ether
Concen: 229.497 ug/L
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument : MSVOA_U
ClientSampleId : C08H8

Tgt Ion: 73 Resp: 819287

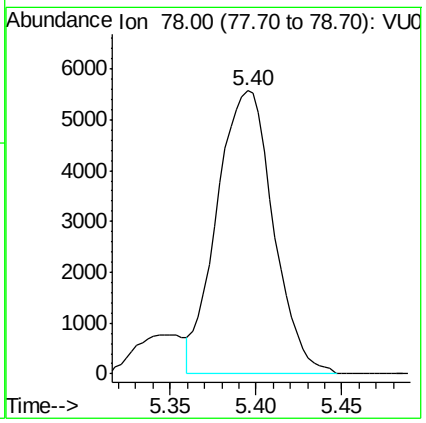
Ion	Ratio	Lower	Upper
73	100		
43	20.1	16.0	24.0
57	23.0	18.6	27.8

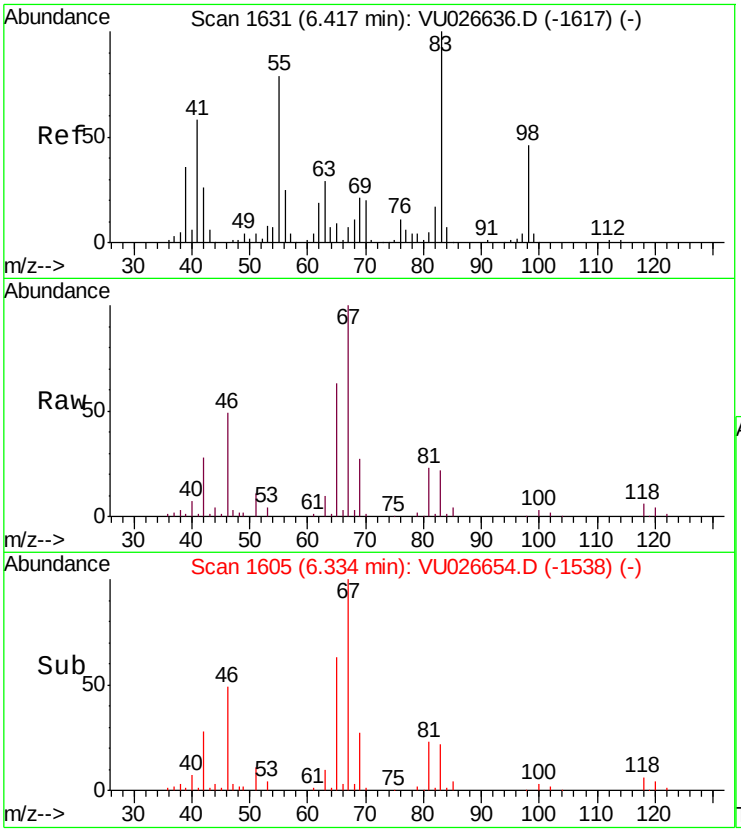




#33
Benzene
Concen: 2.708 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Tgt Ion: 78 Resp: 12718



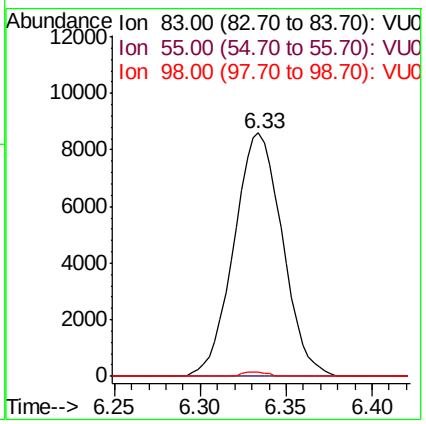


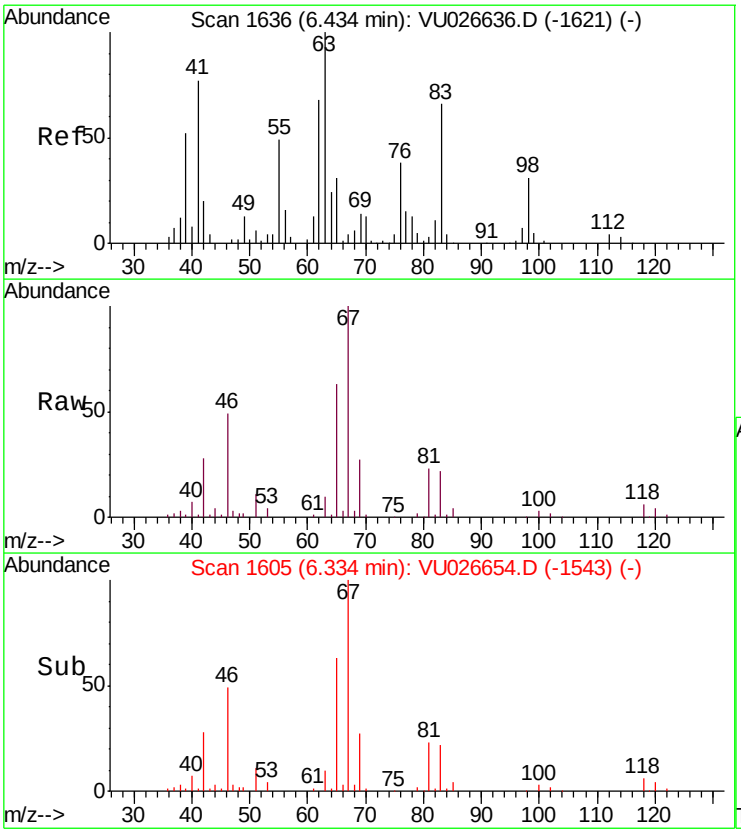
#35
Methylcyclohexane
Concen: 9.018 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument : MSVOA_U
ClientSampleId : C08H8

Tgt Ion: 83 Resp: 16853

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.7	37.0	55.4#

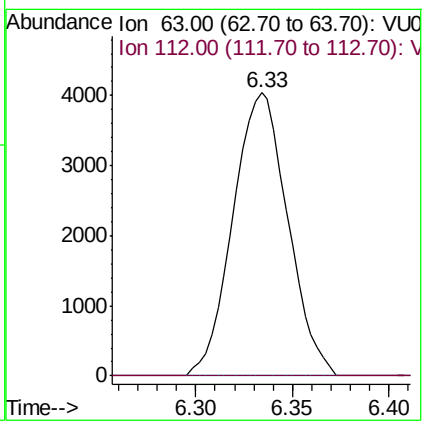


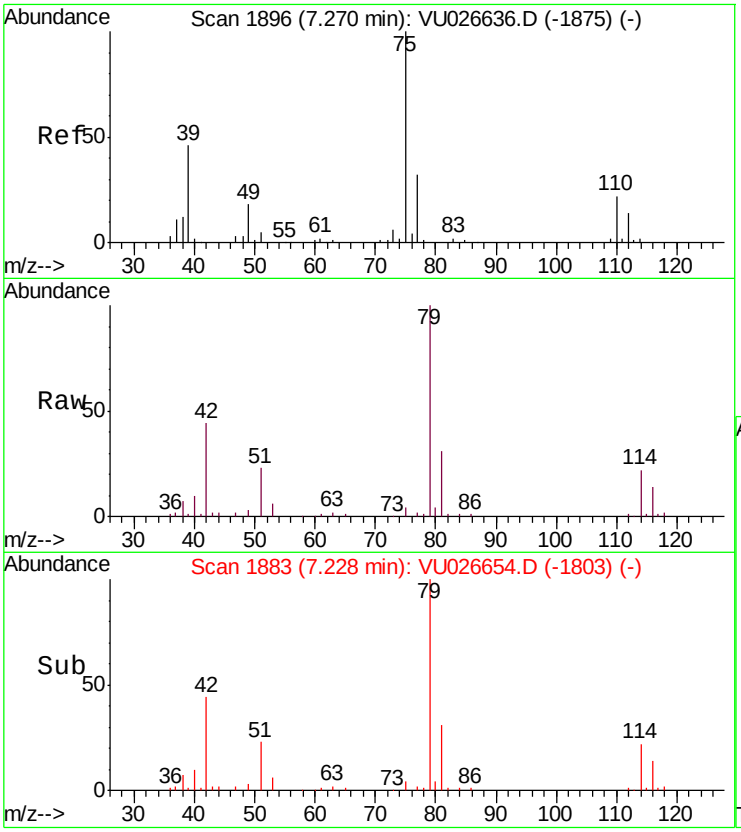


#37
1,2-Dichloropropane
Concen: 6.067 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Tgt Ion: 63 Resp: 7961

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



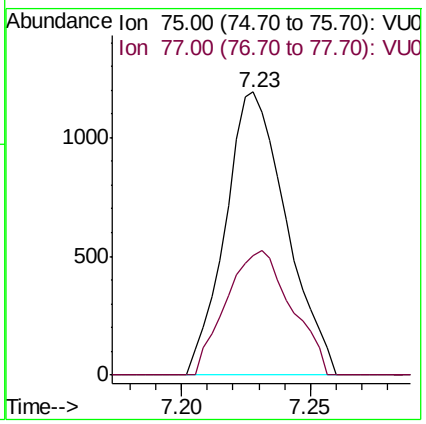


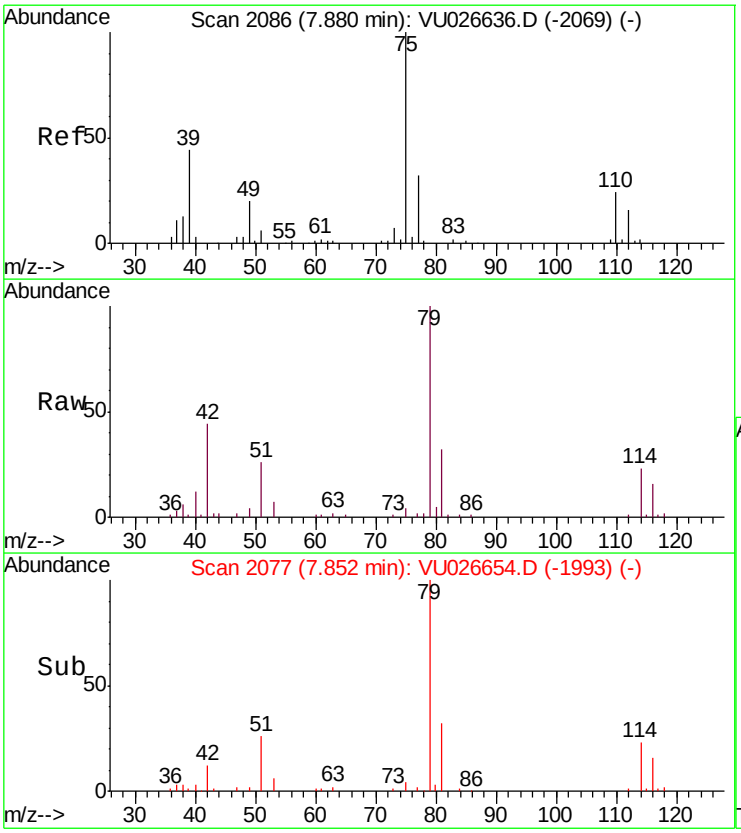
#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument :
MSVOA_U
ClientSampleId :
C08H8

Tgt Ion: 75 Resp: 1968

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.3	41.3#

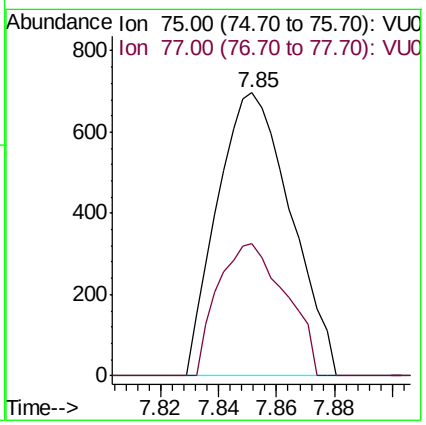


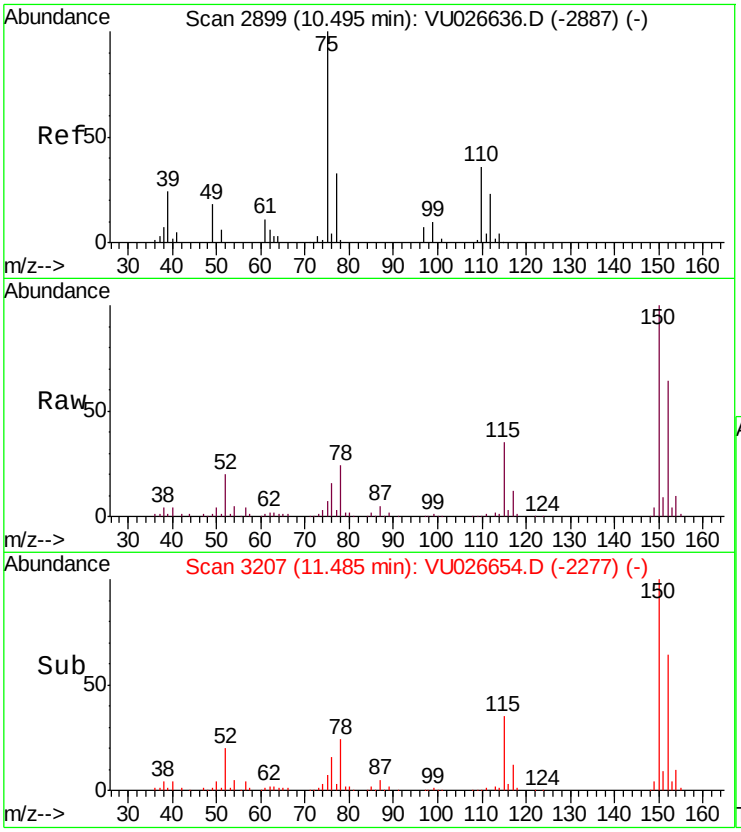


#44
trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Tgt Ion: 75 Resp: 1227

Ion	Ratio	Lower	Upper
75	100		
77	46.8	22.4	41.6#





#59
1,2,3-Trichloropropane
Concen: 5.552 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026654.D
Acq: 10 Sep 2018 16:33

Instrument :
MSVOA_U
ClientSampleId :
C08H8

Tgt Ion: 75 Resp: 8621

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.8	38.6