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

Quantitation Report (Not Reviewed)

Data File : VU026661.D
Acq On : 10 Sep 2018 20:01
Operator : MD/SY
Sample : VU0910WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK50

Quant Time: Sep 11 07:09:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75739	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70446	49.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.44%			
7) Chloroethane-d5	1.68	69	59243	51.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.78%			
11) 1,1-Dichloroethene-d2	2.27	63	94295	37.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.38%			
21) 2-Butanone-d5	4.18	46	96491	109.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.43%			
24) Chloroform-d	4.65	84	115299	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.88%			
26) 1,2-Dichloroethane-d4	5.31	65	79090	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.58%			
32) Benzene-d6	5.34	84	241265	52.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.66%			
36) 1,2-Dichloropropane-d6	6.33	67	83139	54.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.50%			
41) Toluene-d8	7.57	98	218683	51.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.08%			
43) trans-1,3-Dichloropropene-	7.85	79	35382	49.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.32%			
47) 2-Hexanone-d5	8.31	63	68017	108.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.79%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106529	50.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81135	53.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.48%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	786	0.673	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	781	0.697	ug/L #	1
25) Chloroform	4.67	83	1520	0.656	ug/L	82
35) Methylcyclohexane	6.33	83	18242	9.280	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8695	6.299	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2006	0.982	ug/L #	56
40) 4-Methyl-2-pentanone	7.57	43	894	0.508	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1364	0.718	ug/L	89
48) 2-Hexanone	8.31	43	7626	5.130	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	8850	5.419	ug/L	91

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

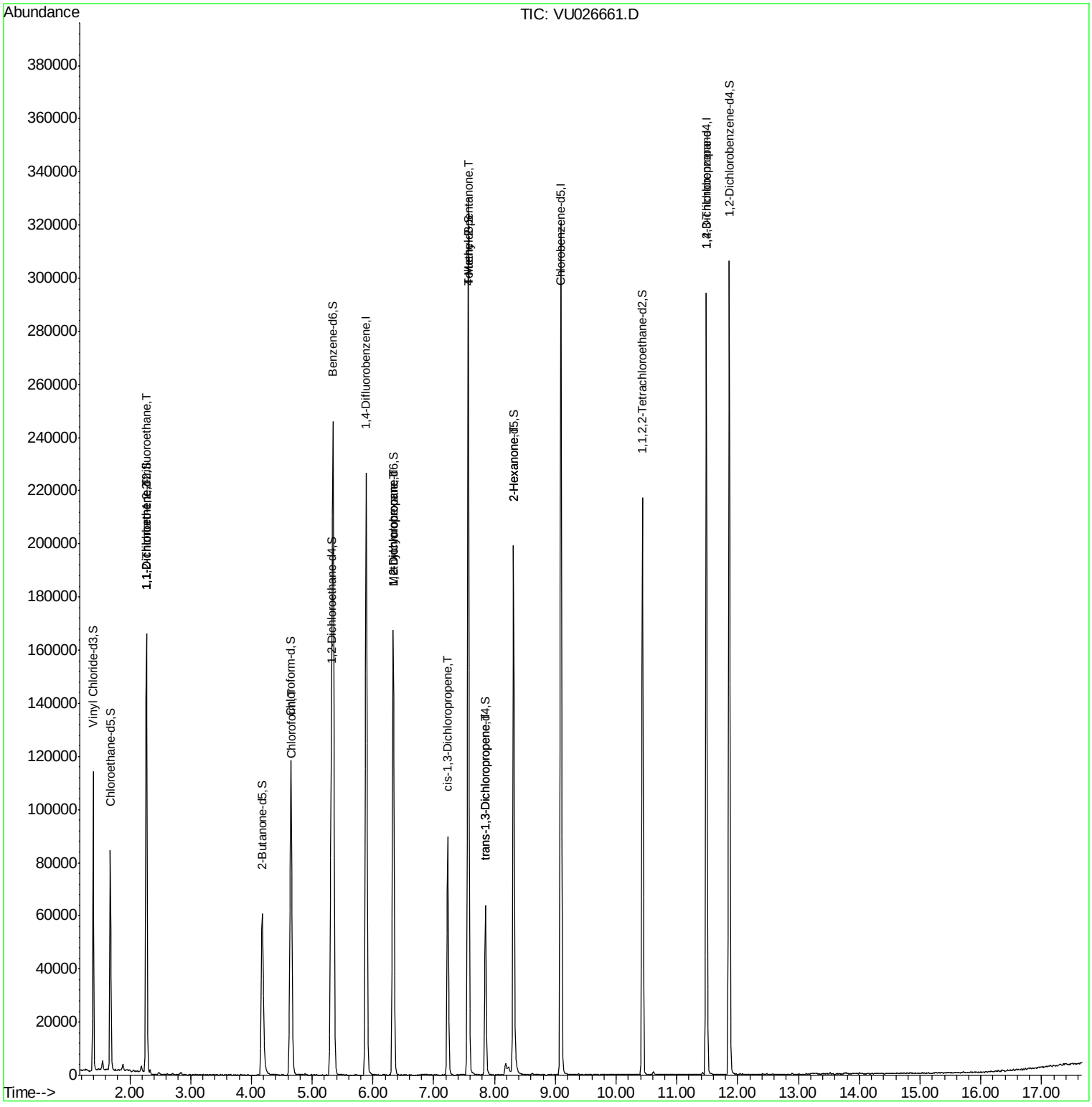
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

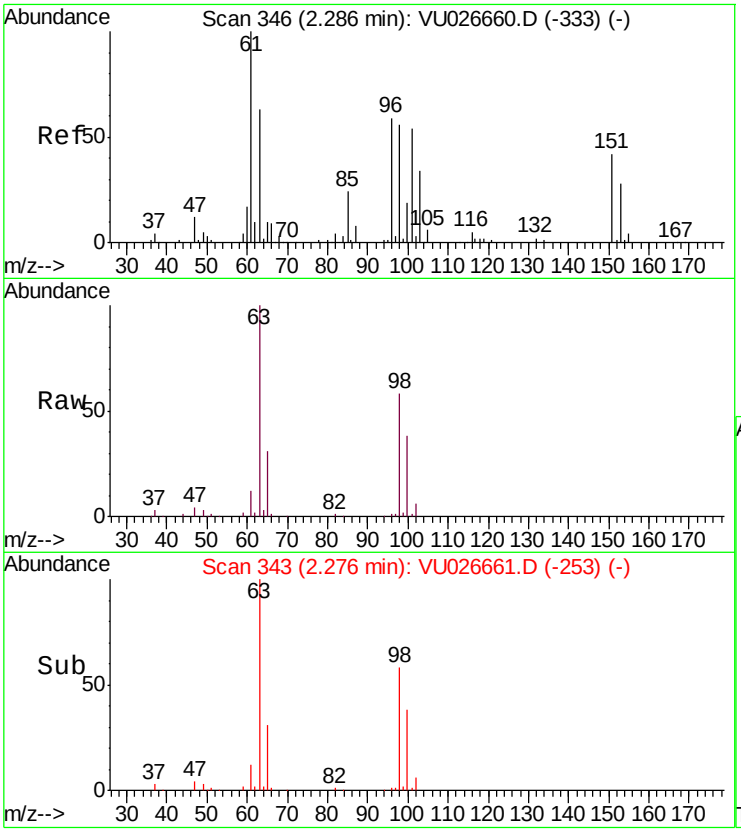
Quantitation Report (Not Reviewed)

Data File : VU026661.D
Acq On : 10 Sep 2018 20:01
Operator : MD/SY
Sample : VU0910WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK50

Quant Time: Sep 11 07:09:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration



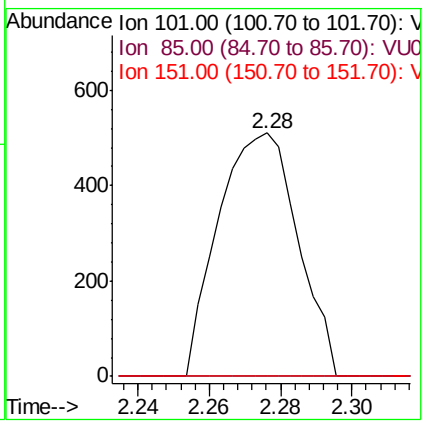


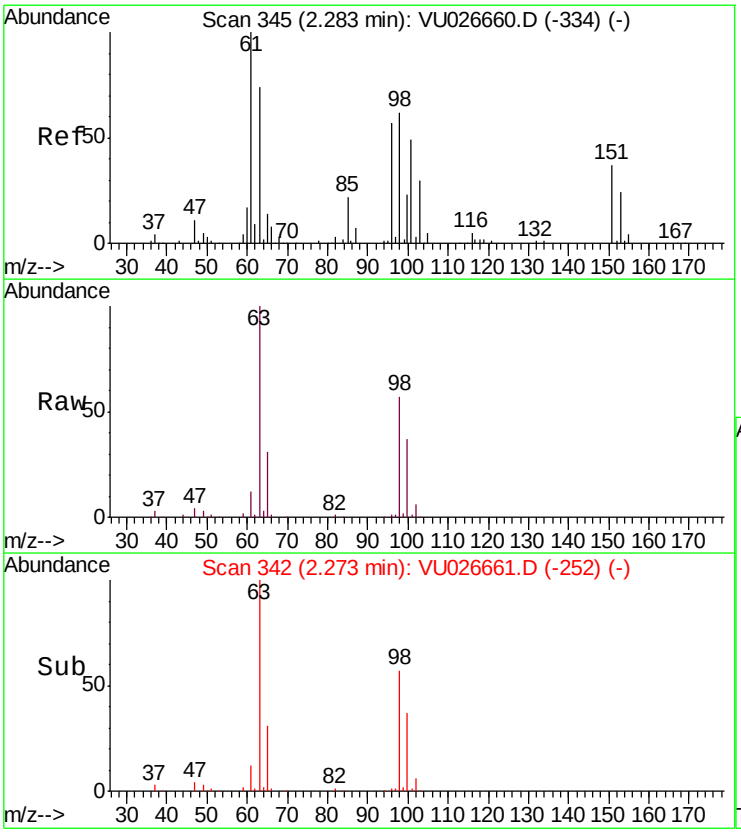
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Tgt Ion:101 Resp: 786

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

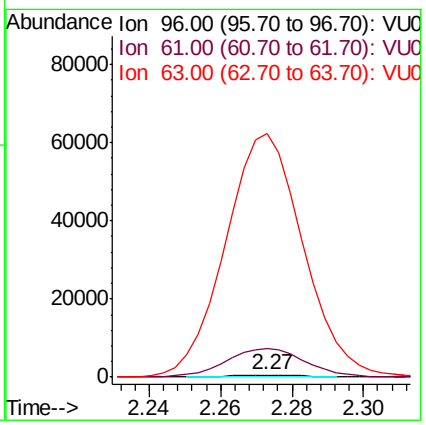


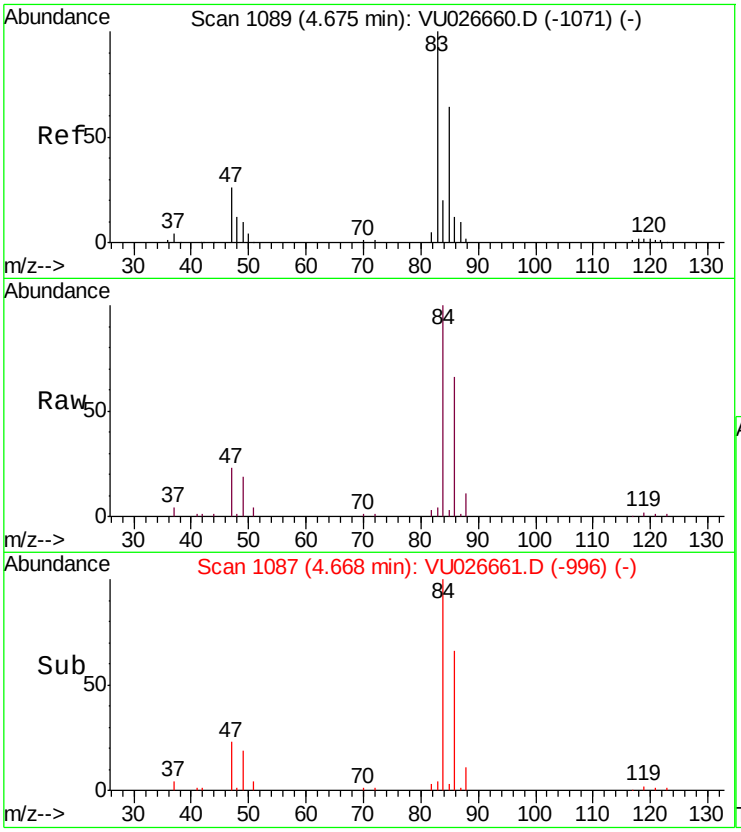


#12
1,1-Dichloroethene
Concen: 0.697 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Tgt Ion: 96 Resp: 781

Ion	Ratio	Lower	Upper
96	100		
61	1449.6	121.0	224.8#
63	12517.3	89.9	166.9#



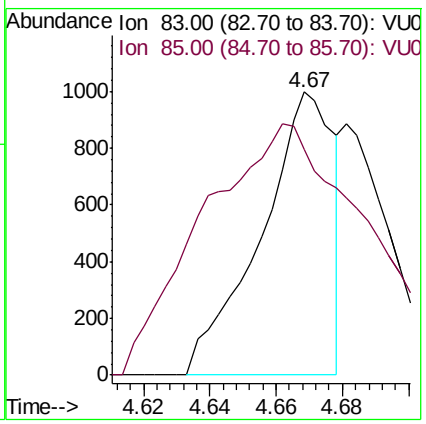


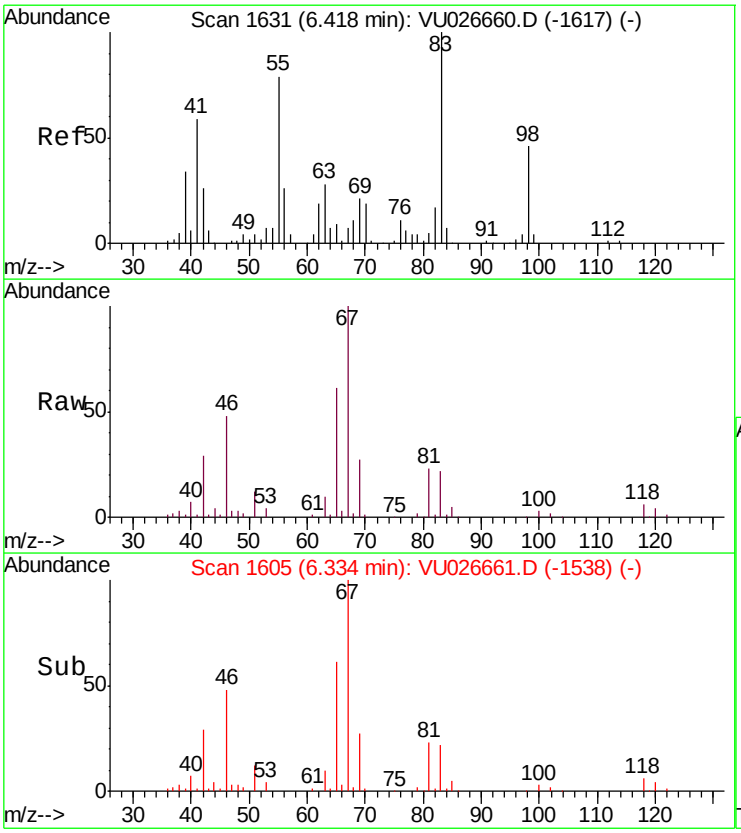
#25
Chloroform
Concen: 0.656 ug/L
RT: 4.67 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Tgt Ion: 83 Resp: 1520

Ion	Ratio	Lower	Upper
83	100		
85	79.7	45.6	84.6

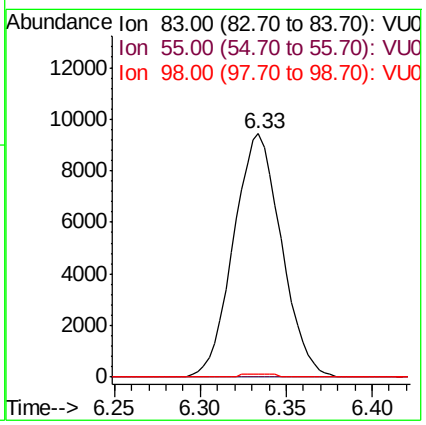


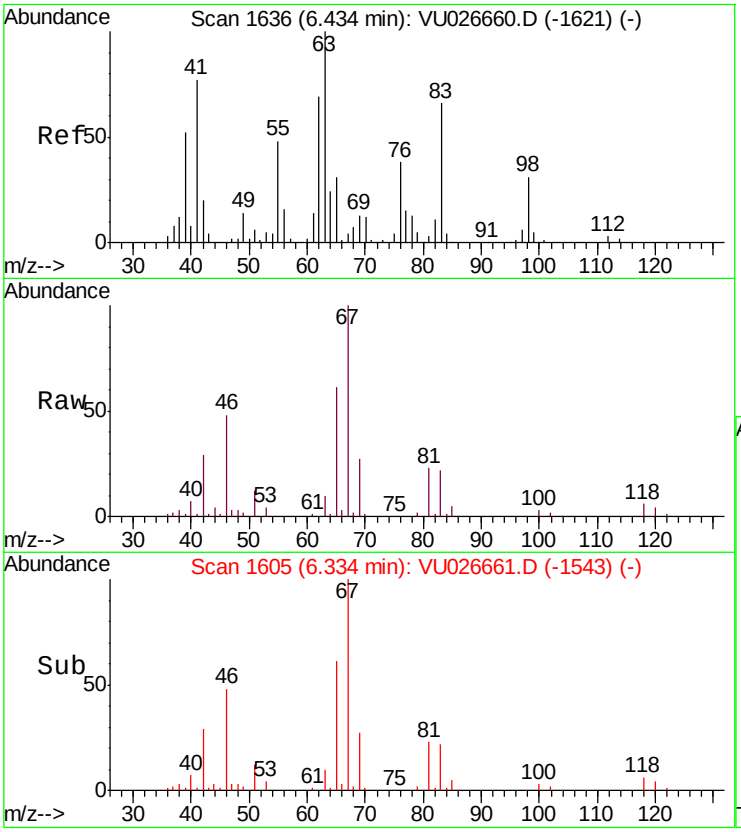


#35
Methylcyclohexane
Concen: 9.280 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Tgt Ion: 83 Resp: 18242

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.5	37.0	55.4#



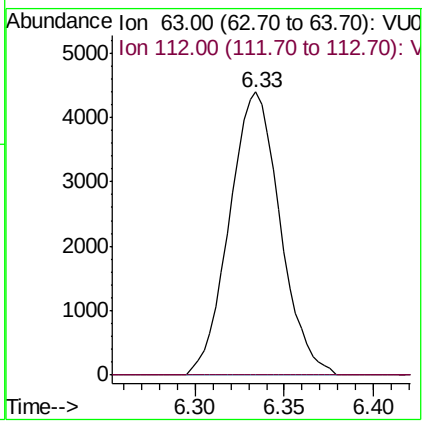


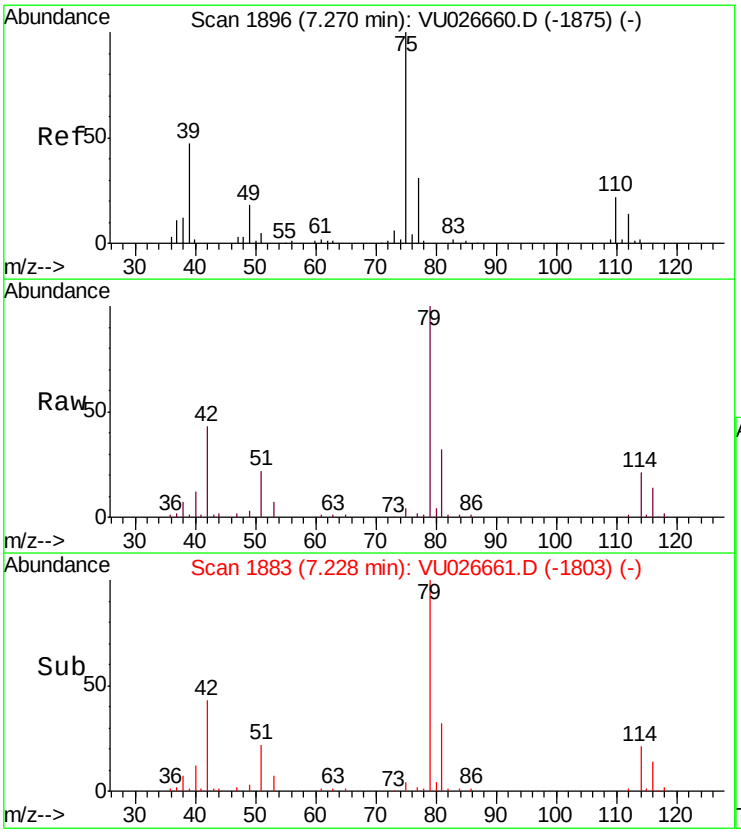
#37
1,2-Dichloropropane
Concen: 6.299 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Tgt Ion: 63 Resp: 8695

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

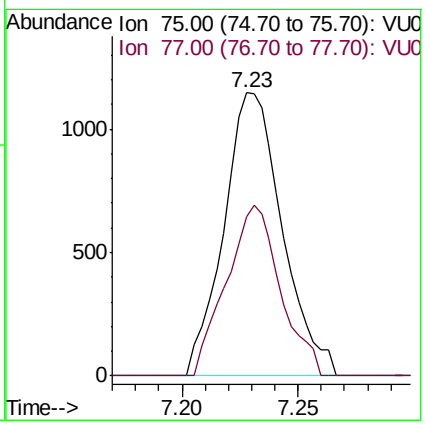


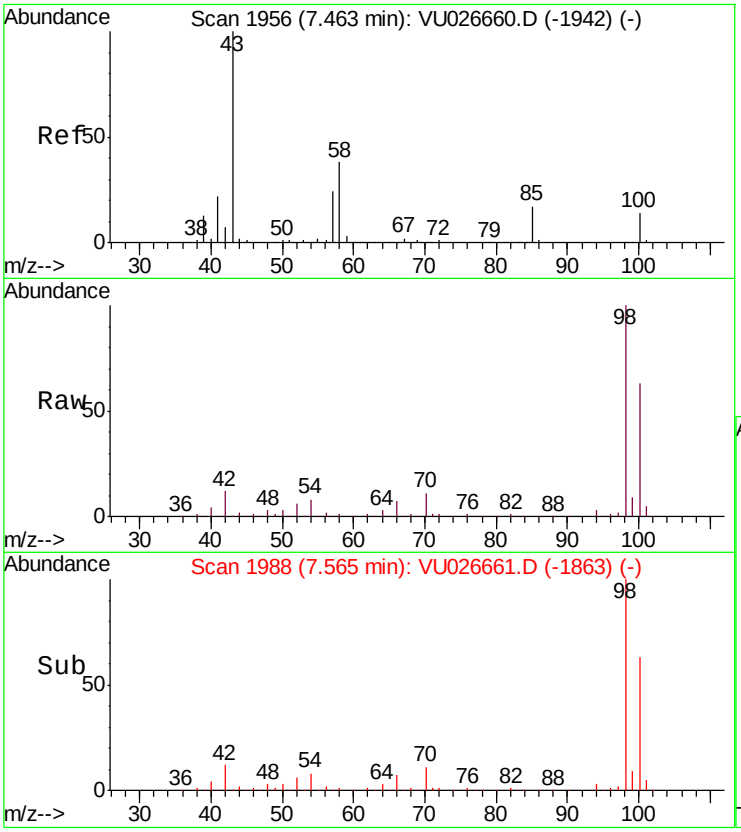


#39
cis-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Tgt Ion: 75 Resp: 2006

Ion	Ratio	Lower	Upper
75	100		
77	56.3	22.3	41.3#



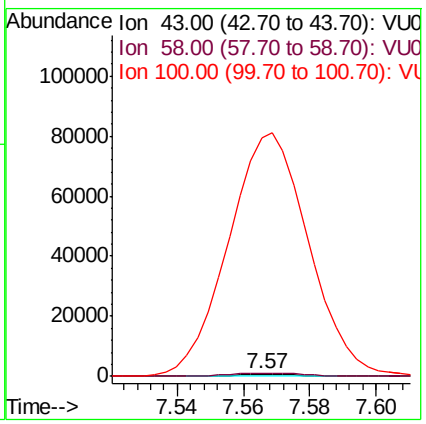


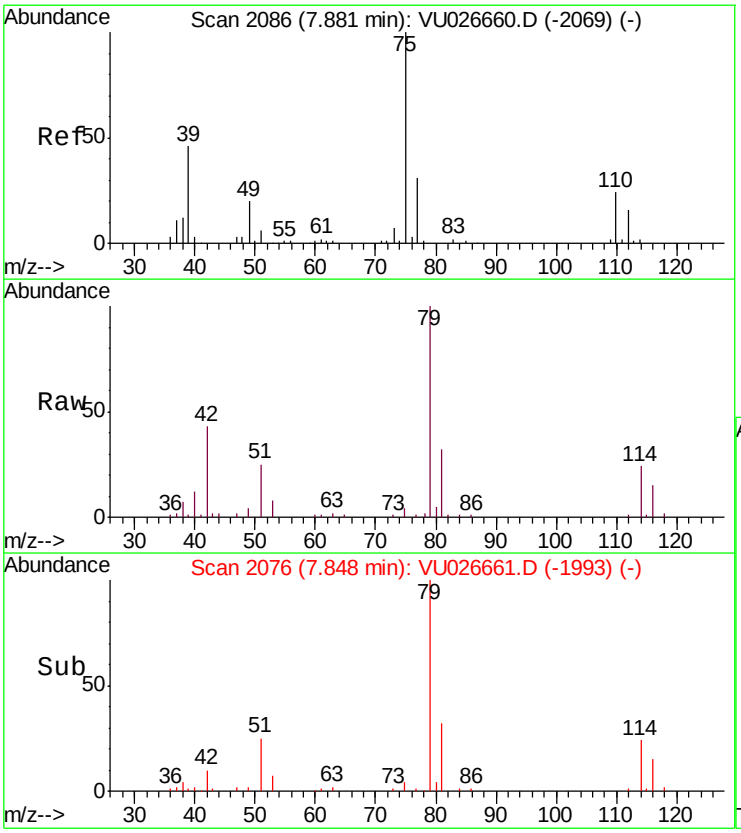
#40
4-Methyl-2-pentanone
Concen: 0.508 ug/L
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Instrument : MSVOA_U
ClientSampleId : VBLK50

Tgt Ion: 43 Resp: 894

Ion	Ratio	Lower	Upper
43	100		
58	203.9	31.1	46.7#
100	15364.3	11.3	16.9#

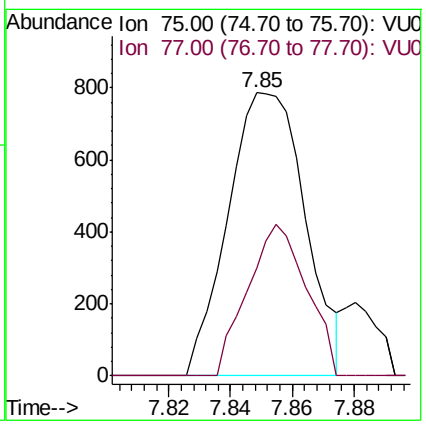


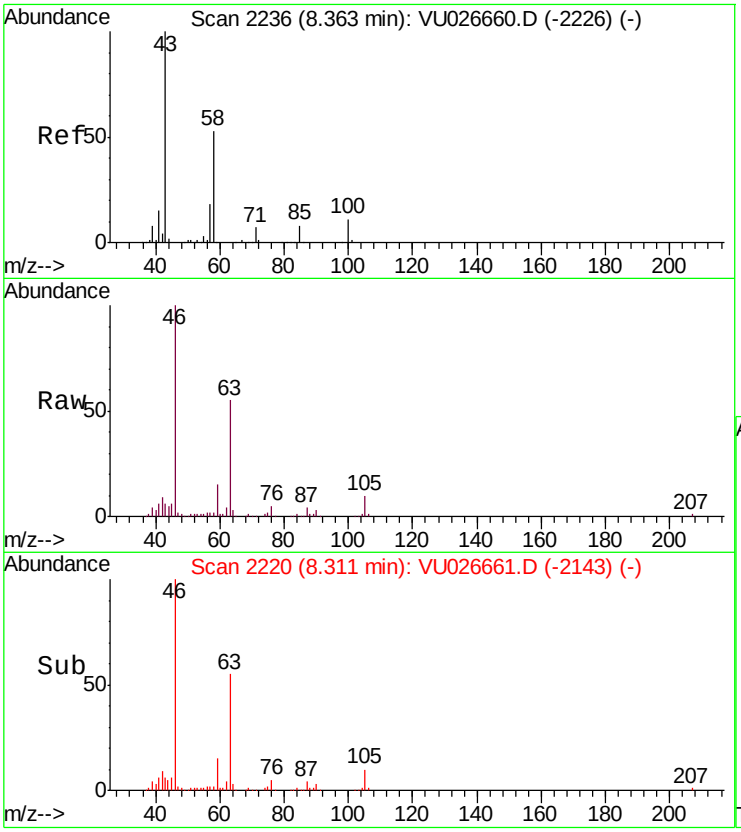


#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Tgt Ion: 75 Resp: 1364

Ion	Ratio	Lower	Upper
75	100		
77	37.9	22.4	41.6



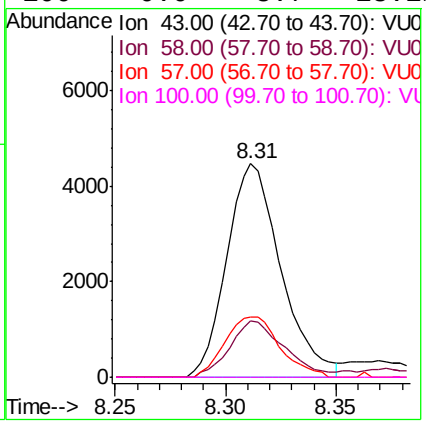


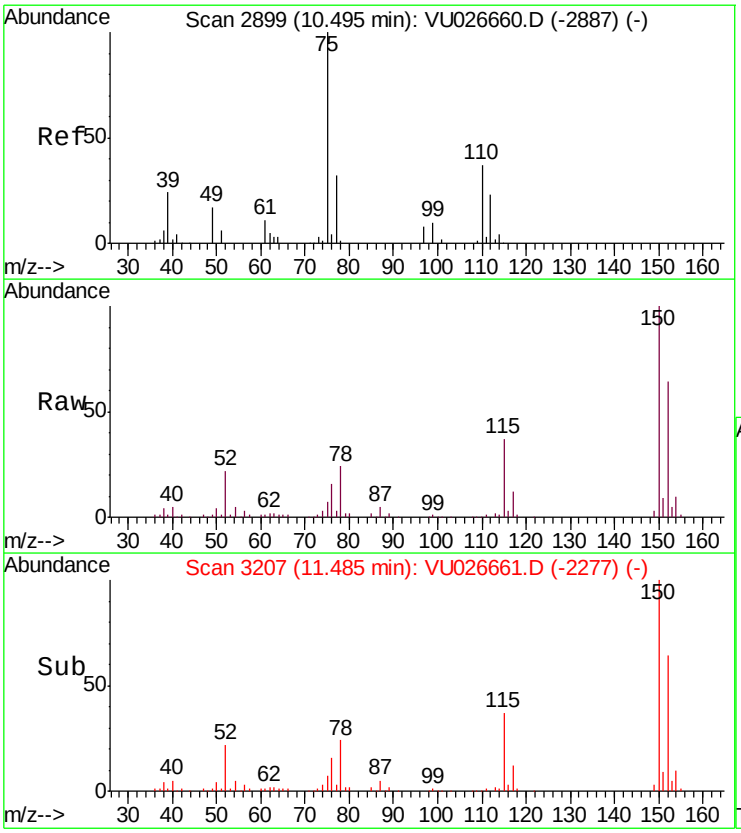
#48
2-Hexanone
Concen: 5.130 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Instrument : MSVOA_U
ClientSampleId : VBLK50

Tgt Ion: 43 Resp: 7626

Ion	Ratio	Lower	Upper
43	100		
58	26.5	42.2	63.4#
57	28.8	14.4	21.6#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 5.419 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026661.D
Acq: 10 Sep 2018 20:01

Tgt Ion: 75 Resp: 8850

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.6