Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032978.D
Acq On : 22 Jun 2019 05:03
Operator : JC/SP
Sample : VU0622WBL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK38

Quant Time: Jun 24 02:04:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193273	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92238	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58588	44.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.72%			
7) Chloroethane-d5	1.68	69	51246	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.30%			
11) 1,1-Dichloroethene-d2	2.27	63	94381	35.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.94%			
21) 2-Butanone-d5	4.17	46	121585	110.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.59%			
24) Chloroform-d	4.64	84	129039	50.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.50%			
26) 1,2-Dichloroethane-d4	5.30	65	92655	54.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.34%			
32) Benzene-d6	5.33	84	253439	51.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.14%			
36) 1,2-Dichloropropane-d6	6.32	67	82397	52.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.26%			
41) Toluene-d8	7.56	98	230865	49.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.36%			
43) trans-1,3-Dichloropropene-	7.85	79	38488	46.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.62%			
47) 2-Hexanone-d5	8.31	63	72257	97.90	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120440	49.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.58%			
64) 1,2-Dichlorobenzene-d4	11.85	152	92549	51.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.70%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	957	0.947	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	837	0.648	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	820	0.674	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	2978	1.271	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	2003	0.910	ug/L	91
48) 2-Hexanone	8.36	43	3950	1.864	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	12006	5.981	ug/L	92

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

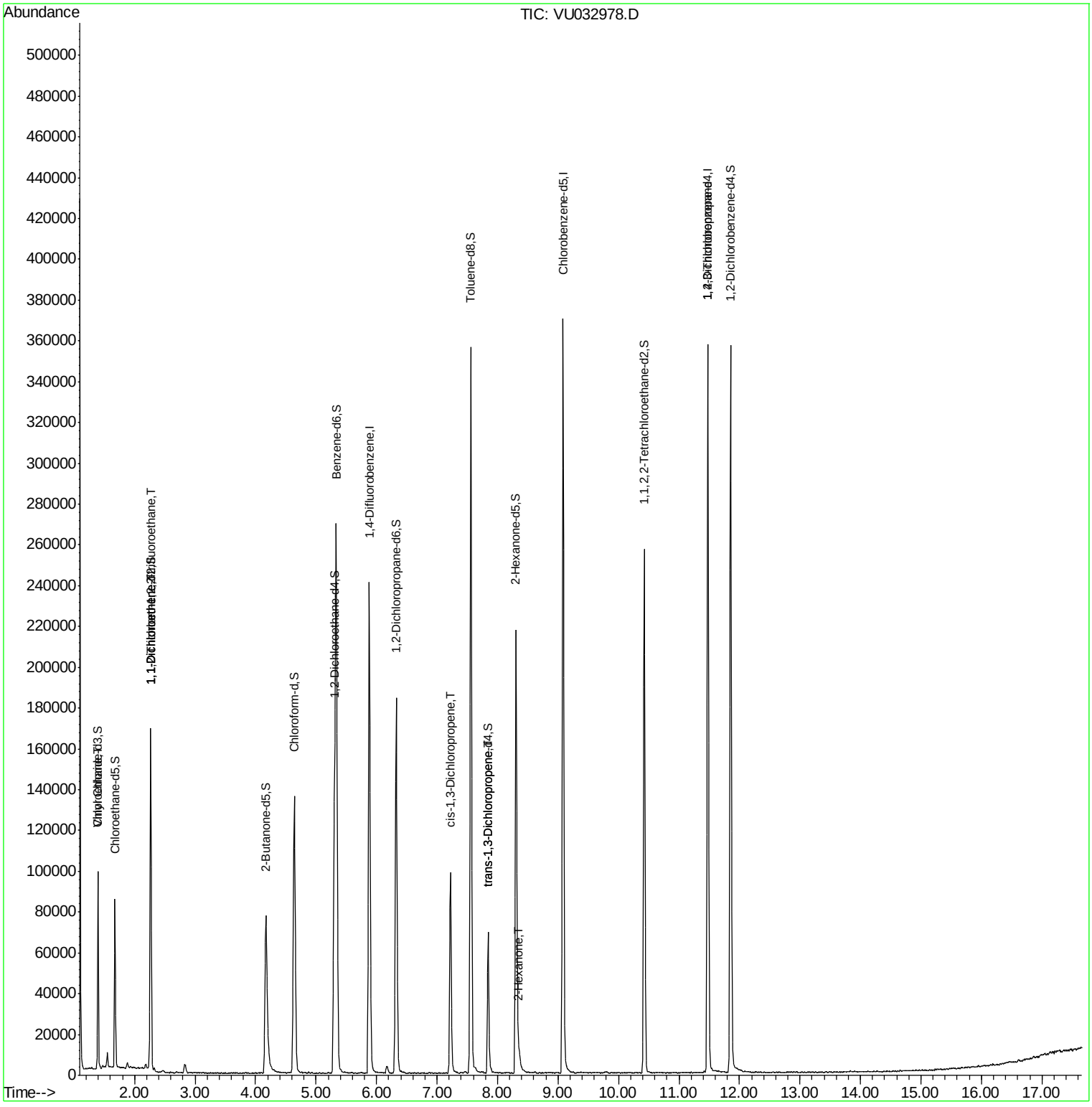
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

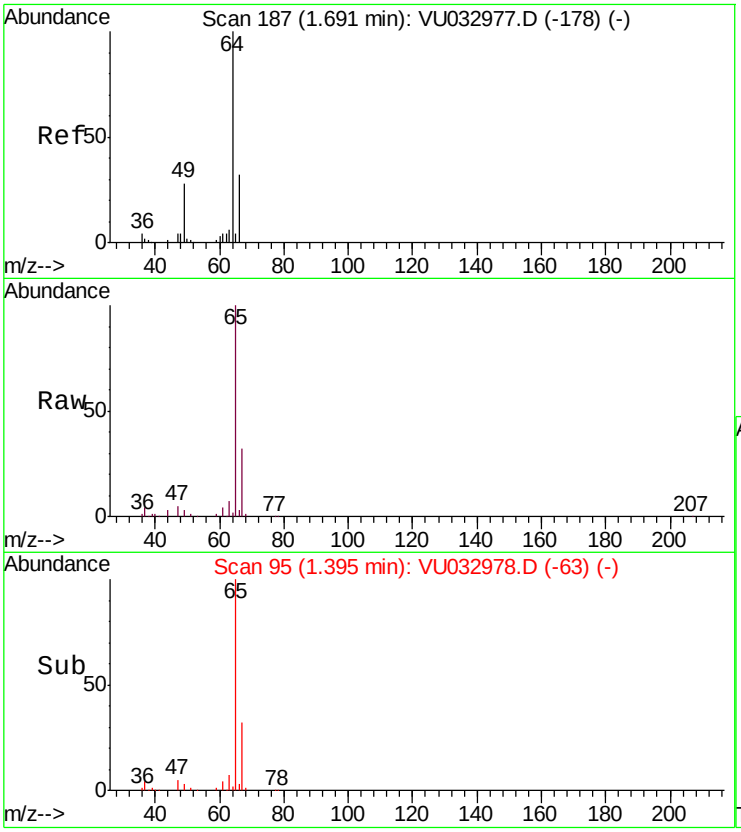
Quantitation Report (Not Reviewed)

Data File : VU032978.D
Acq On : 22 Jun 2019 05:03
Operator : JC/SP
Sample : VU0622WBL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Quant Time: Jun 24 02:04:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



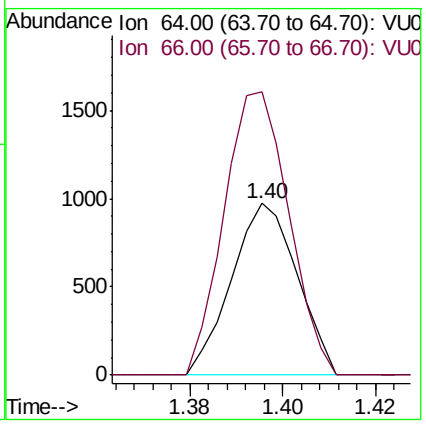


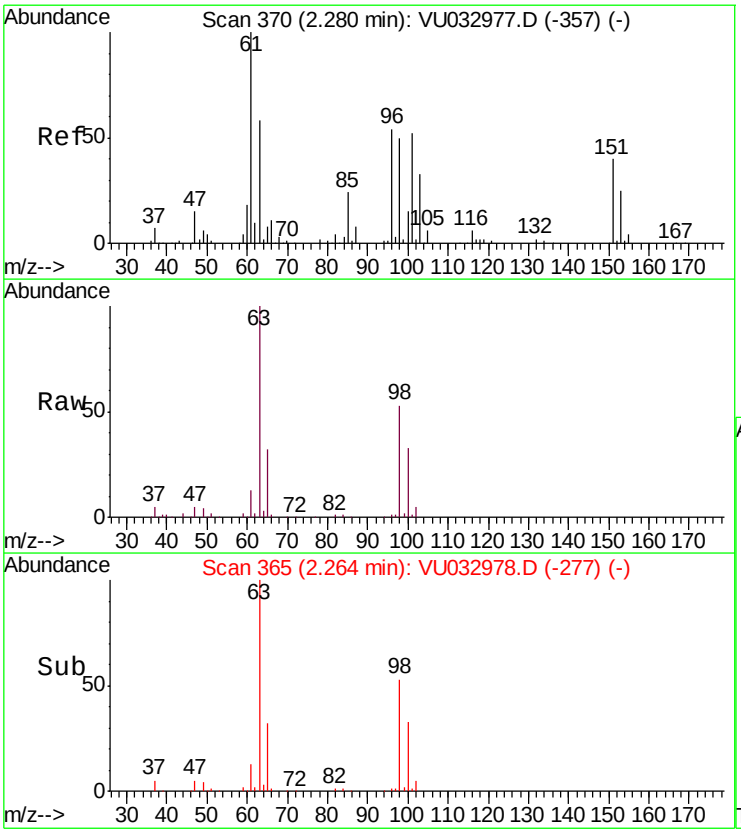
#8
Chloroethane
Concen: 0.947 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Tgt Ion: 64 Resp: 957

Ion	Ratio	Lower	Upper
64	100		
66	165.0	22.5	41.7#

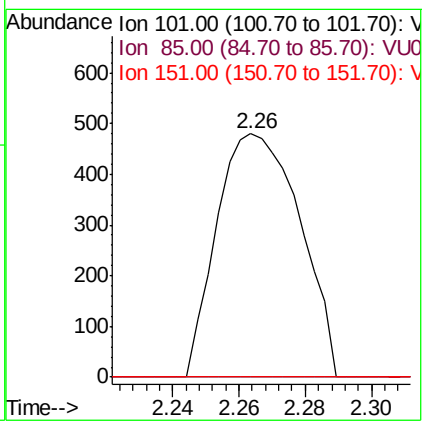


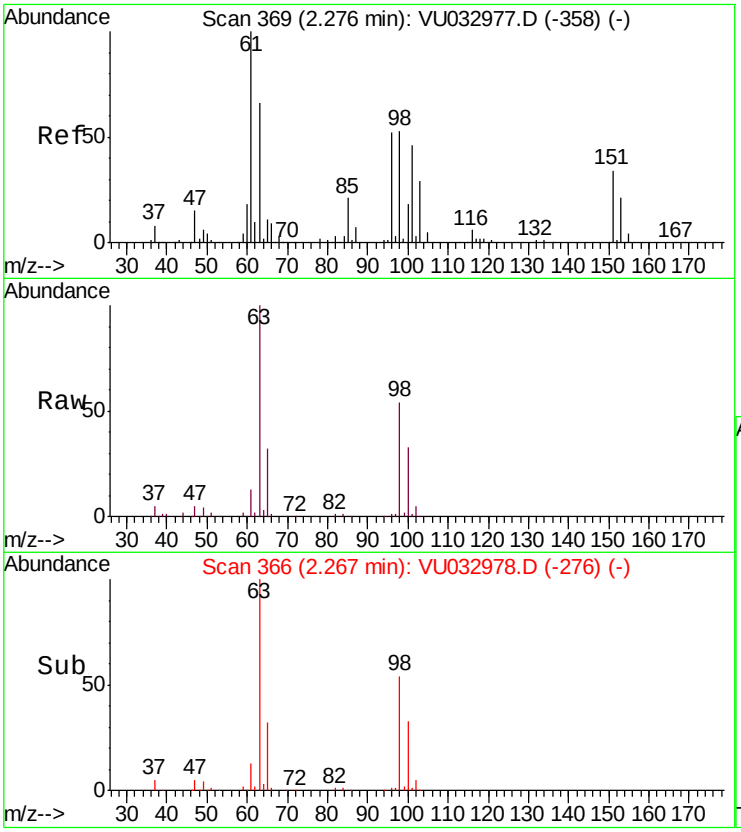


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.648 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Tgt Ion:101 Resp: 837

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



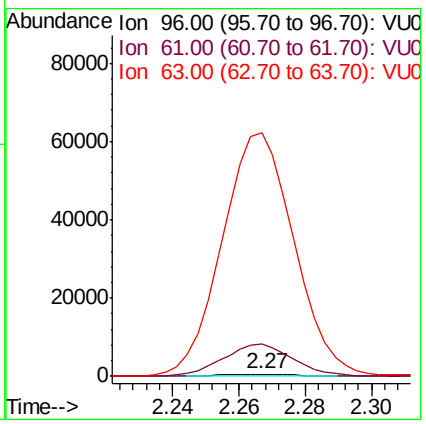


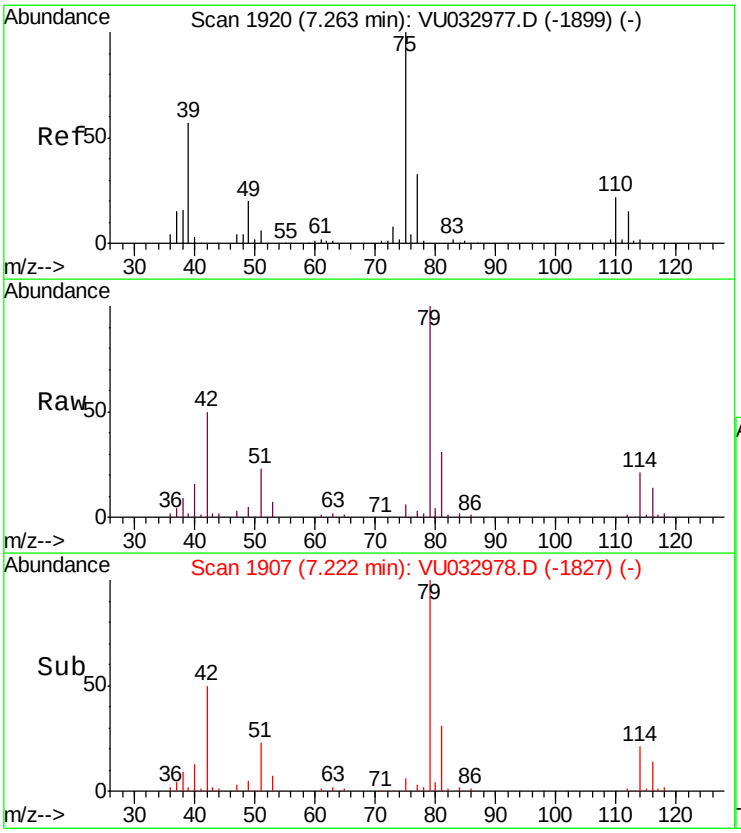
#12
1,1-Dichloroethene
Concen: 0.674 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Instrument : MSVOA_U
ClientSampleId : VBLK38

Tgt Ion: 96 Resp: 820

Ion	Ratio	Lower	Upper
96	100		
61	1527.7	131.0	243.4#
63	11588.8	101.0	187.6#

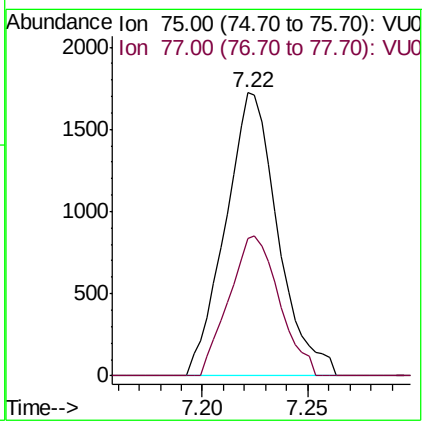


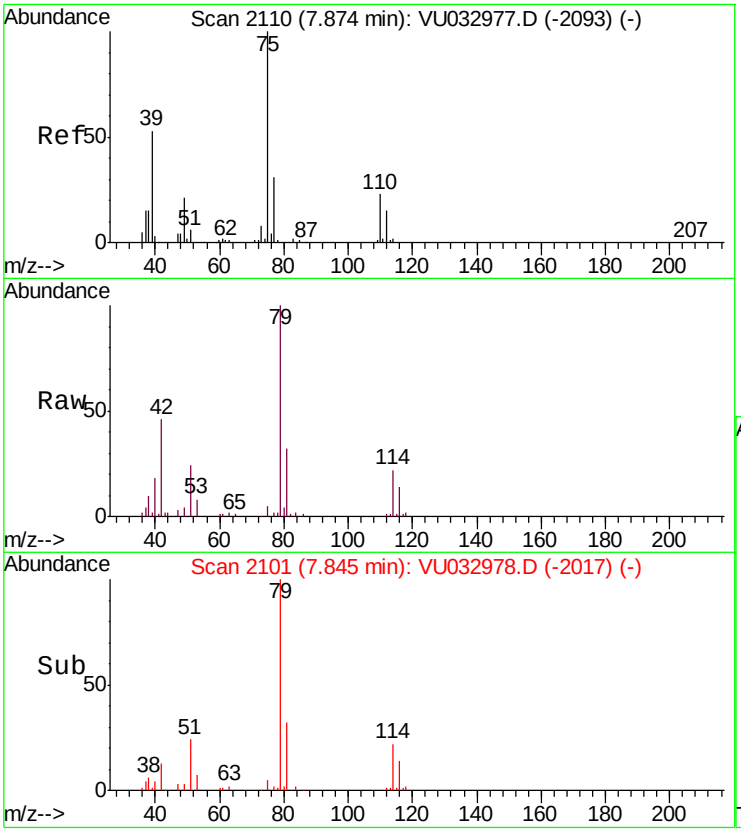


#39
cis-1,3-Dichloropropene
Concen: 1.271 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Tgt Ion: 75 Resp: 2978

Ion	Ratio	Lower	Upper
75	100		
77	48.7	21.9	40.7#



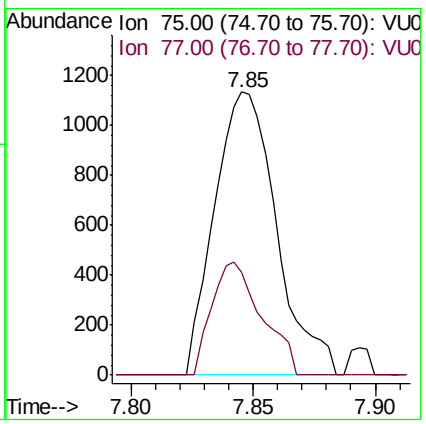


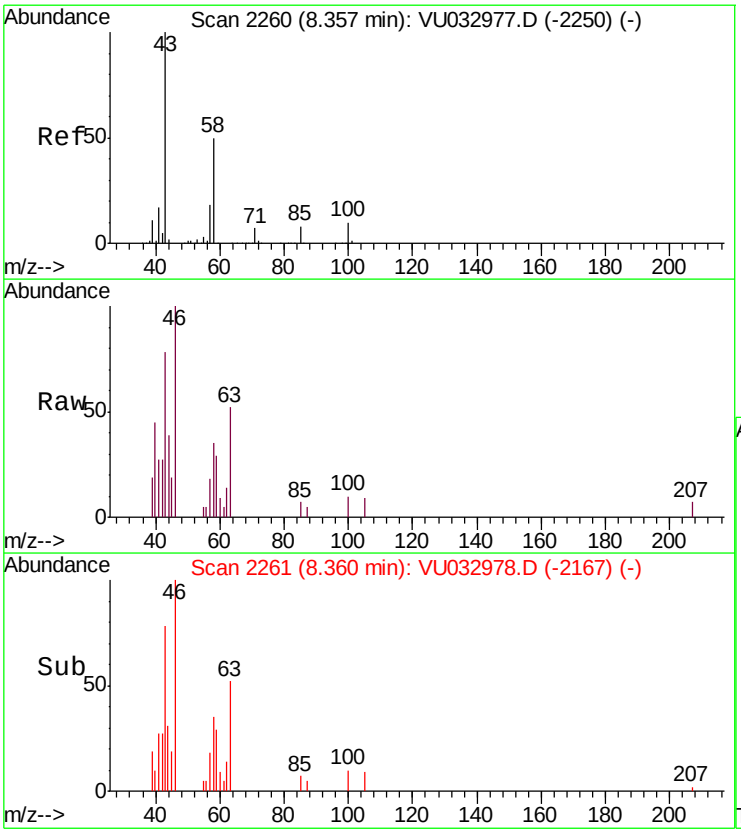
#44
trans-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Tgt Ion: 75 Resp: 2003

Ion	Ratio	Lower	Upper
75	100		
77	36.2	21.8	40.4

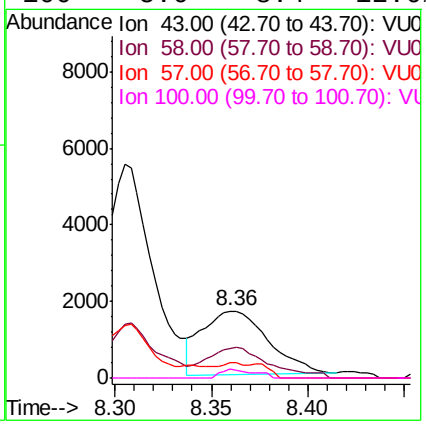


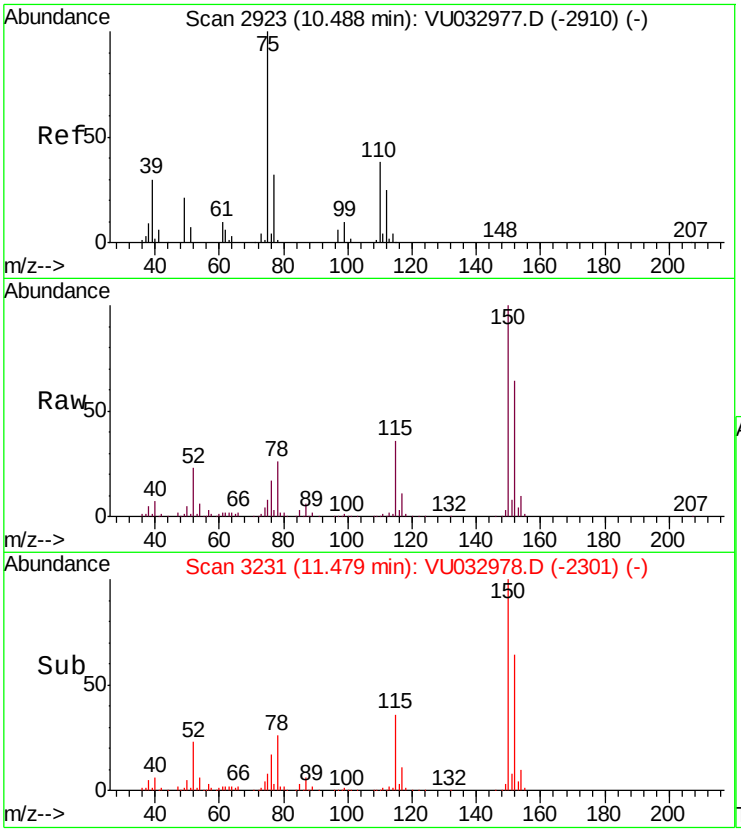


#48
2-Hexanone
Concen: 1.864 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Tgt Ion: 43 Resp: 3950

Ion	Ratio	Lower	Upper
43	100		
58	35.7	40.2	60.2#
57	1.1	14.2	21.4#
100	5.6	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.981 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032978.D
Acq: 22 Jun 2019 05:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Tgt Ion: 75 Resp: 12006

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.5	38.3