Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\

Quantitation Report (Not Reviewed)

Data File : VU033334.D
Acq On : 19 Jul 2019 14:05
Operator : JC/SP
Sample : VU0719WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK56

Quant Time: Jul 19 22:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	261680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	260549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116682	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	103743	52.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.74%			
7) Chloroethane-d5	1.67	69	94376	55.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.54%			
11) 1,1-Dichloroethene-d2	2.26	63	139081	38.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.42%			
21) 2-Butanone-d5	4.15	46	147934	117.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.86%			
24) Chloroform-d	4.62	84	175738	52.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.88%			
26) 1,2-Dichloroethane-d4	5.29	65	116293	54.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.24%			
32) Benzene-d6	5.32	84	348014	54.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.90%			
36) 1,2-Dichloropropane-d6	6.31	67	113380	55.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.74%			
41) Toluene-d8	7.55	98	311696	51.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.42%			
43) trans-1,3-Dichloropropene-	7.83	79	52864	52.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.30%			
47) 2-Hexanone-d5	8.29	63	102831	111.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.41%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	162537	52.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.90%			
64) 1,2-Dichlorobenzene-d4	11.85	152	115230	55.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1353	0.758	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1026	0.587	ug/L #	1
13) Acetone	2.31	43	1025	0.654	ug/L	78
37) 1,2-Dichloropropane	6.31	63	12869	6.245	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3377	1.069	ug/L #	73
44) trans-1,3-Dichloropropene	7.83	75	2564	0.900	ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	14138	5.270	ug/L	91

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

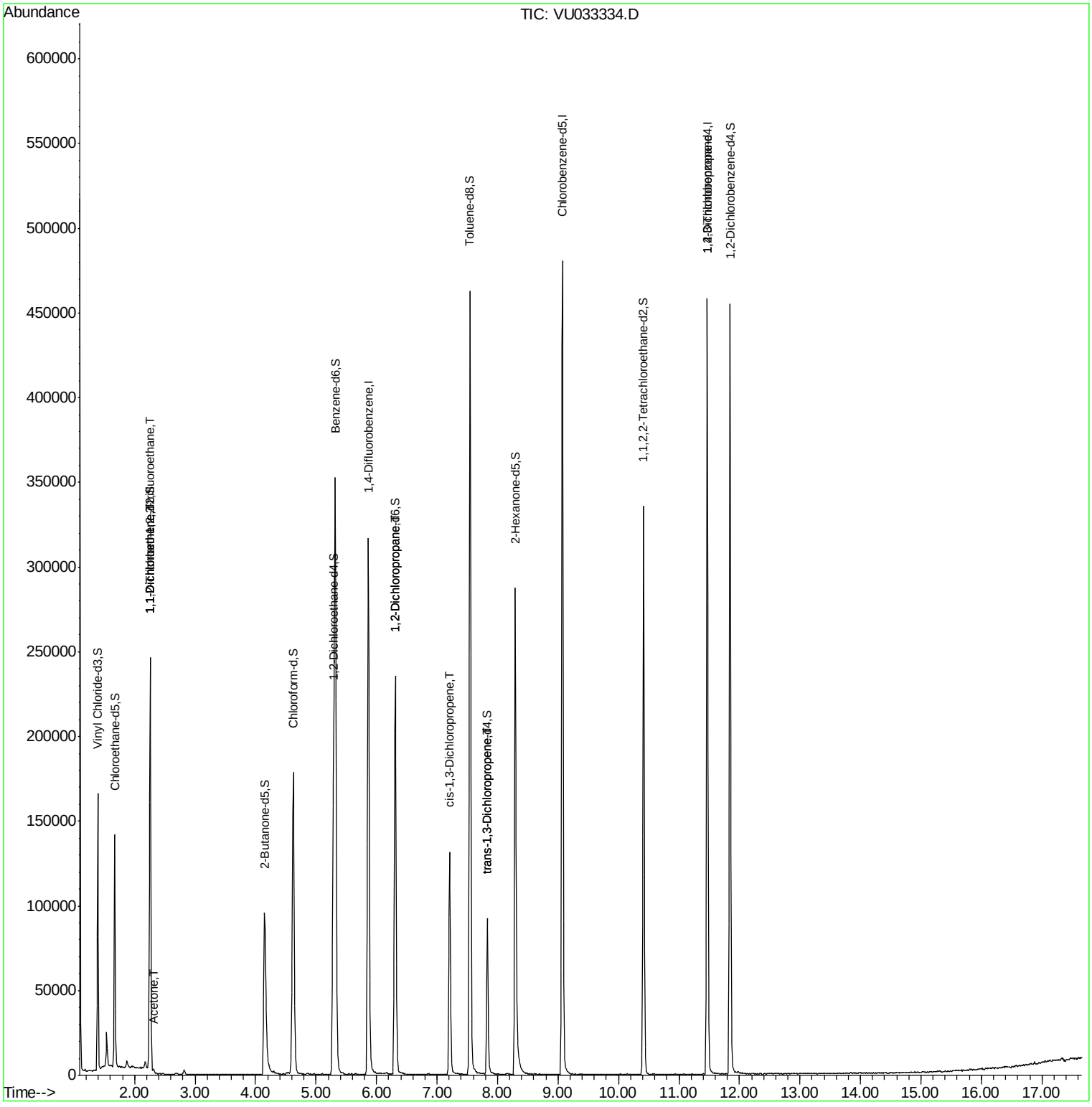
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\

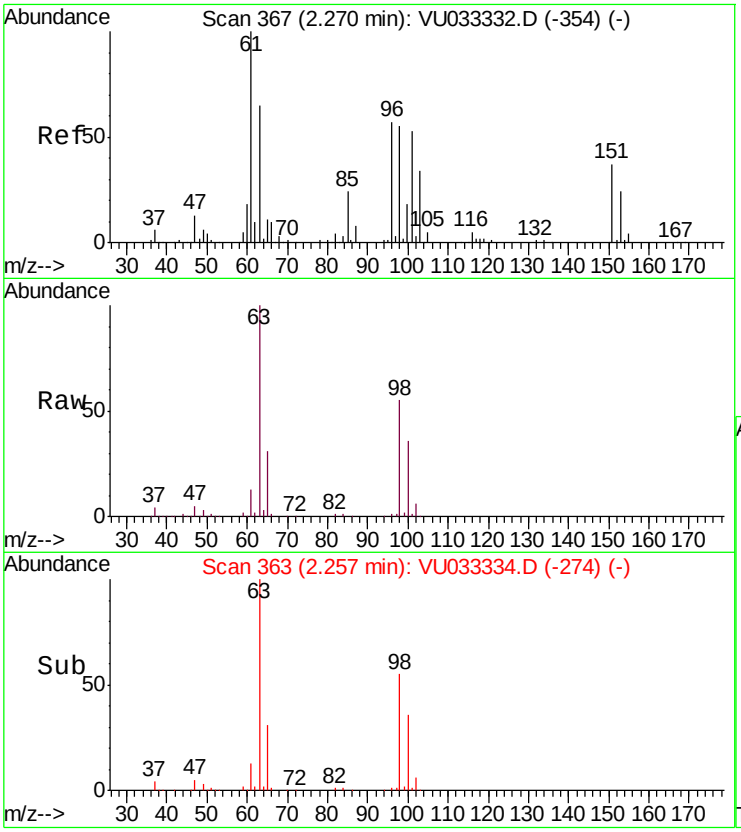
Quantitation Report (Not Reviewed)

Data File : VU033334.D
Acq On : 19 Jul 2019 14:05
Operator : JC/SP
Sample : VU0719WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Jul 19 22:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration



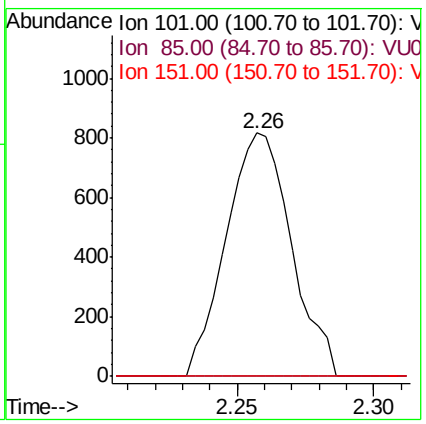


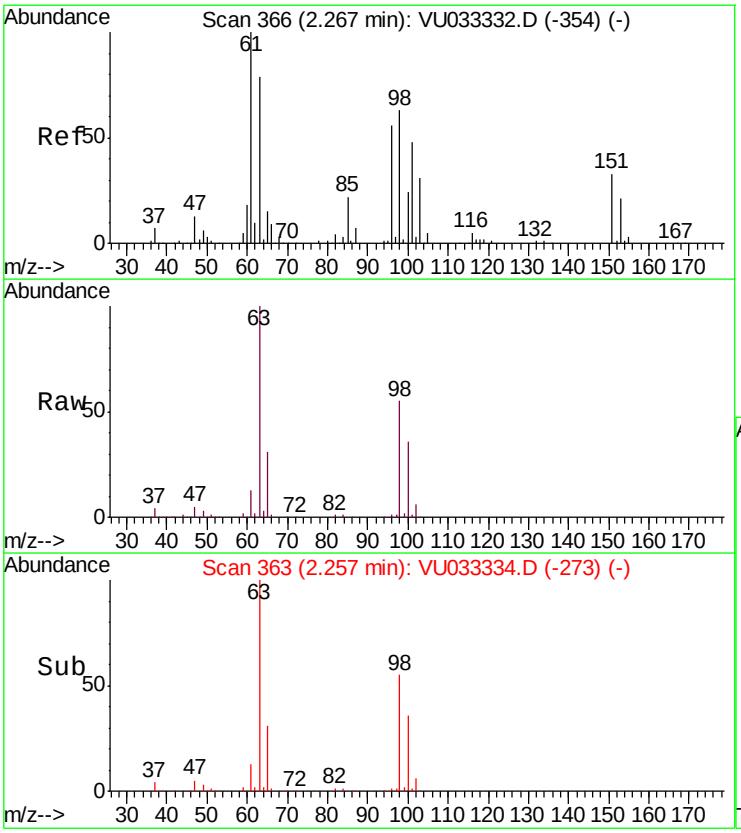
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.758 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:101 Resp: 1353

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

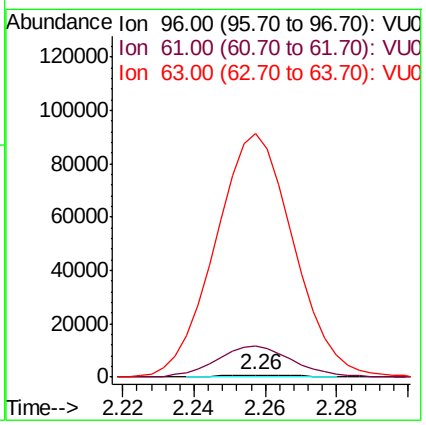


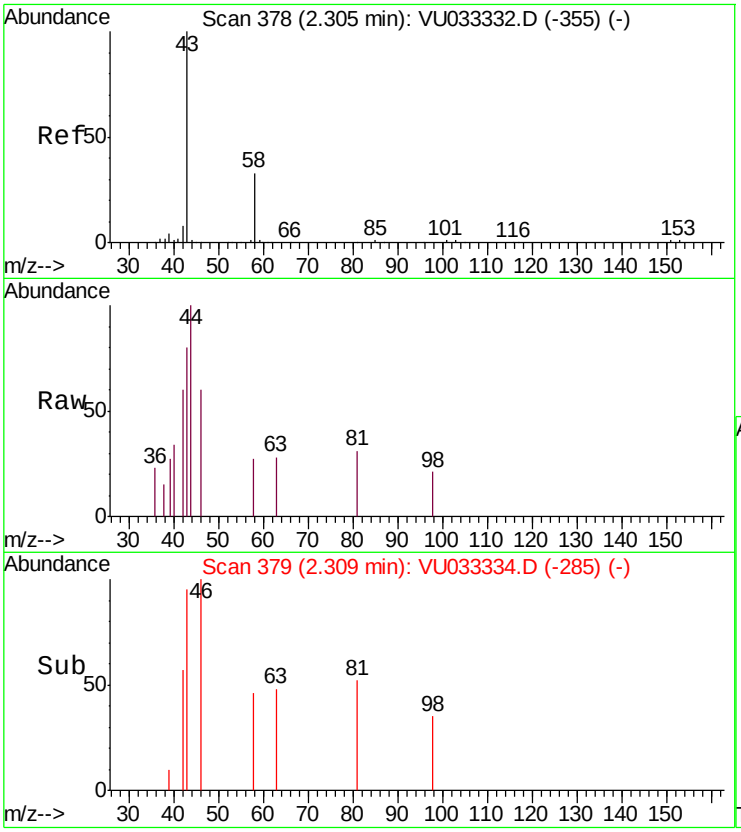


#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Tgt Ion: 96 Resp: 1026

Ion	Ratio	Lower	Upper
96	100		
61	1758.9	126.1	234.1#
63	13889.8	96.8	179.8#



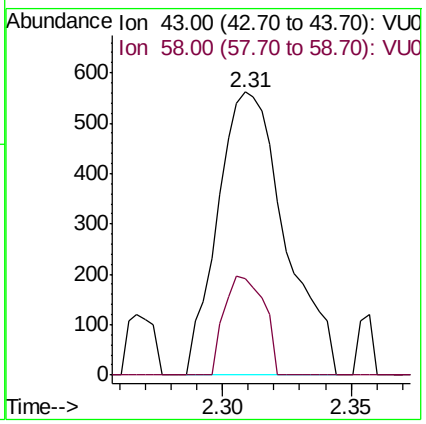


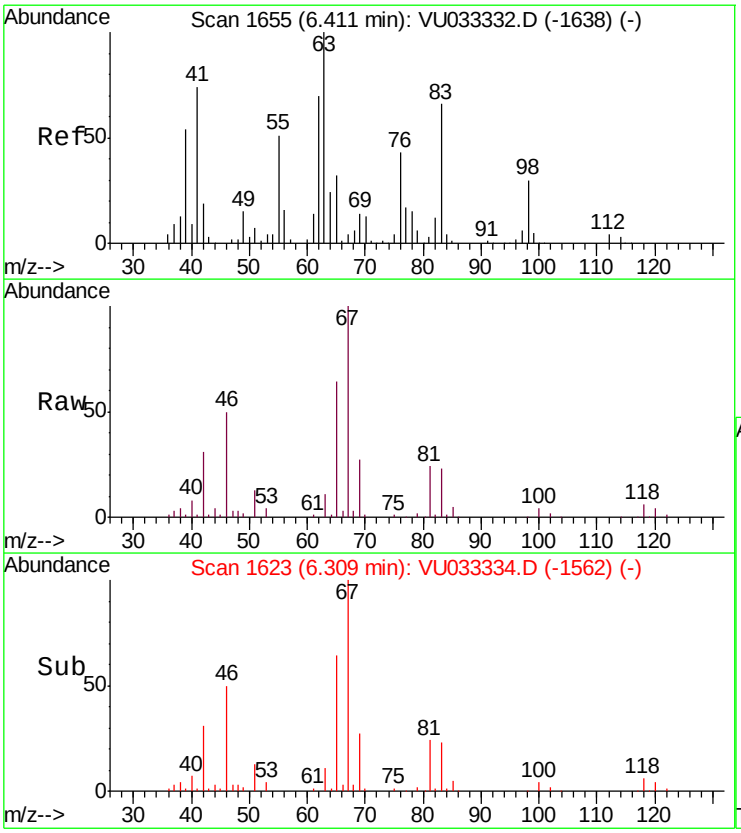
#13
Acetone
Concen: 0.654 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 43 Resp: 1025

Ion	Ratio	Lower	Upper
43	100		
58	20.5	0.0	65.4

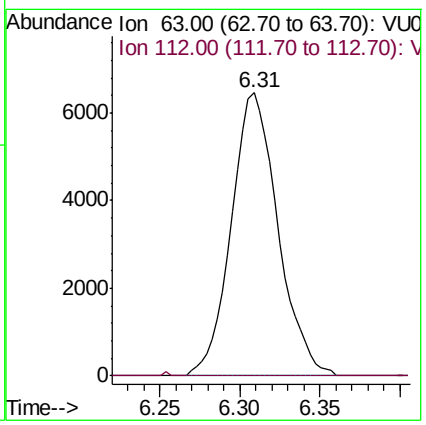


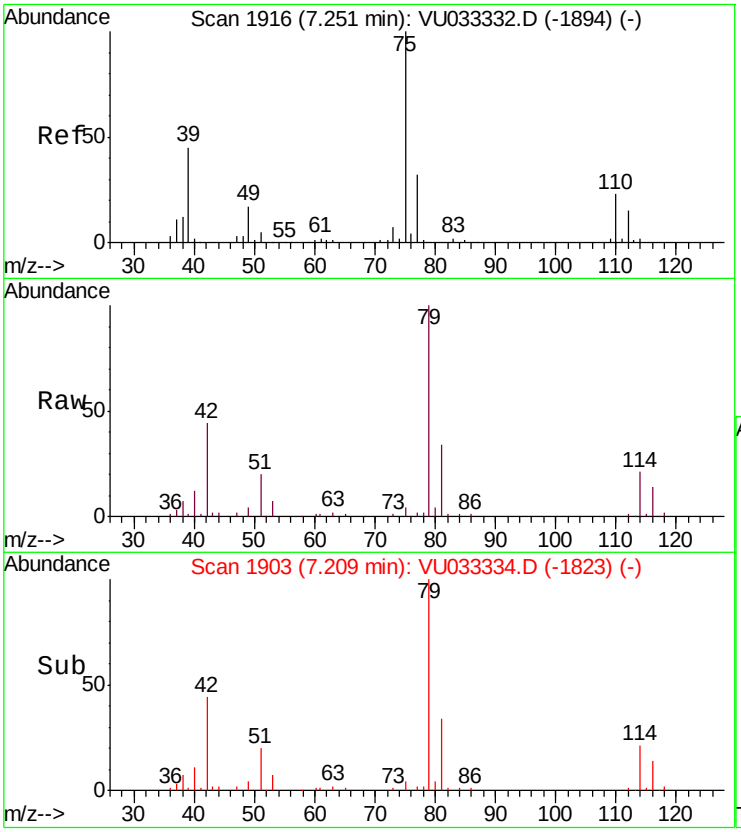


#37
1,2-Dichloropropane
Concen: 6.245 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Tgt Ion: 63 Resp: 12869

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



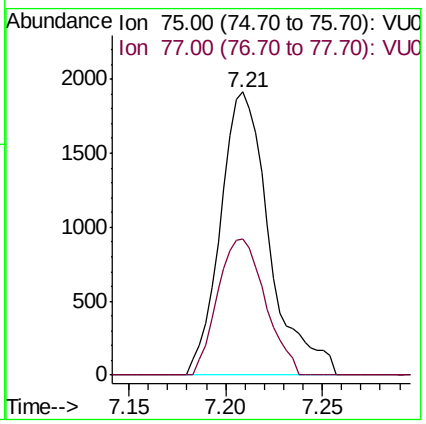


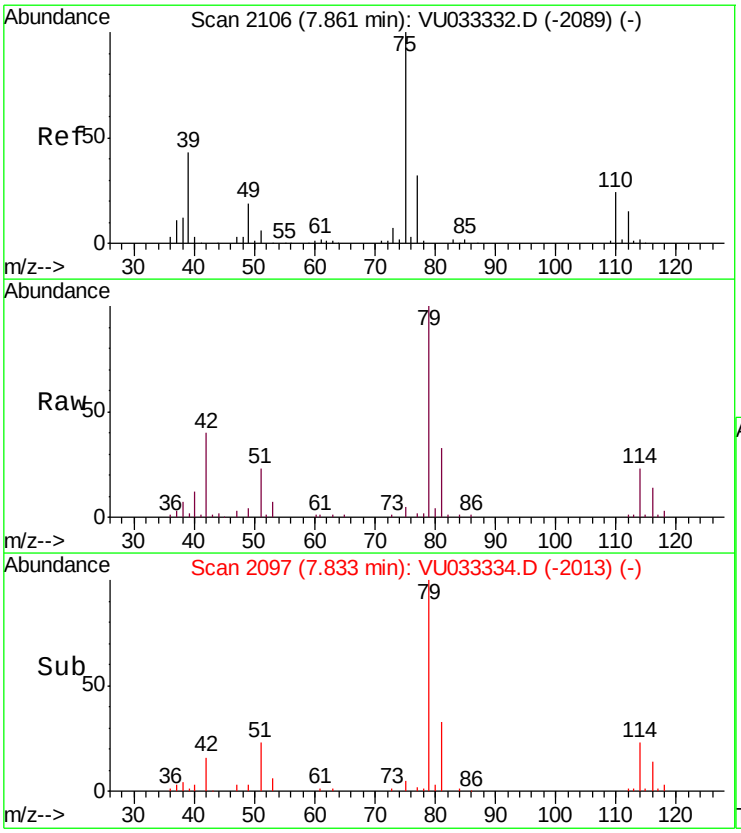
#39
cis-1,3-Dichloropropene
Concen: 1.069 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 75 Resp: 3377

Ion	Ratio	Lower	Upper
75	100		
77	48.1	23.1	42.9#

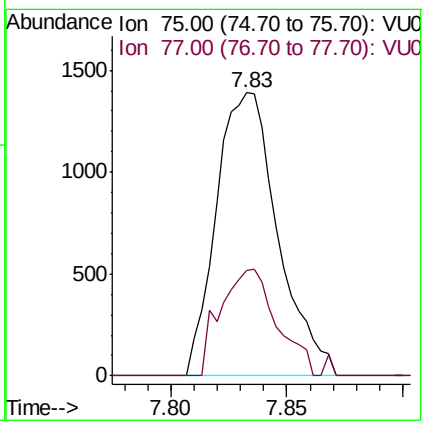


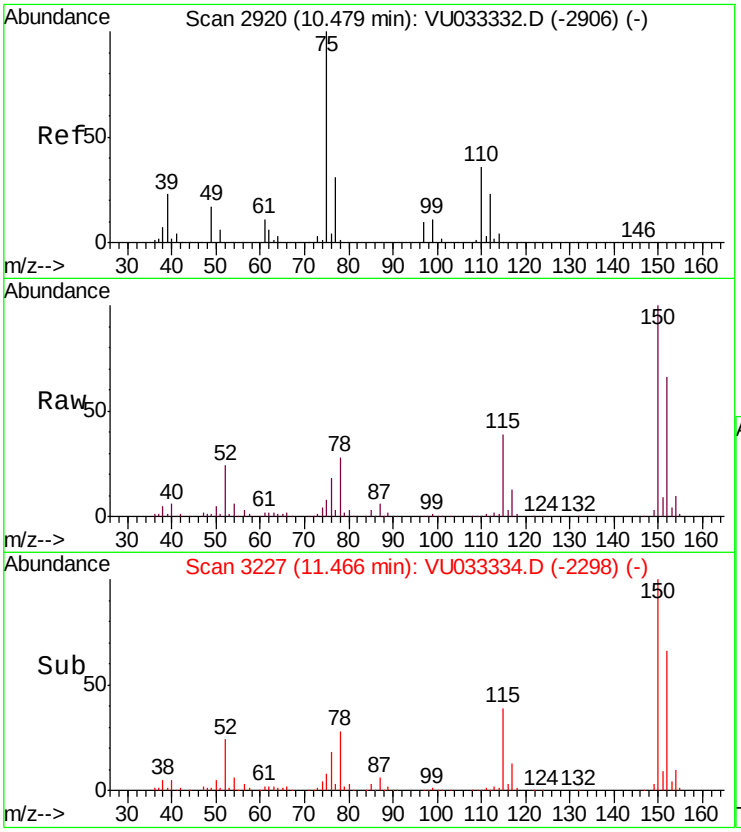


#44
trans-1,3-Dichloropropene
Concen: 0.900 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Tgt Ion: 75 Resp: 2564

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 5.270 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033334.D
Acq: 19 Jul 2019 14:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 75 Resp: 14138

Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.0	39.0