Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091719\

Quantitation Report (Not Reviewed)

Data File : VU034610.D
Acq On : 17 Sep 2019 13:04
Operator : JC/SP
Sample : K4838-13DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0ME9DL

Quant Time: Sep 18 04:34:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	231285	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	209911	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	84220	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52199	46.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.56%			
7) Chloroethane-d5	1.67	69	47933	55.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.70%			
11) 1,1-Dichloroethene-d2	2.26	63	90645	39.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.40%			
21) 2-Butanone-d5	4.15	46	152913	121.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.53%			
24) Chloroform-d	4.62	84	138649	54.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.46%			
26) 1,2-Dichloroethane-d4	5.29	65	92239	59.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.34%			
32) Benzene-d6	5.32	84	259173	56.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.30%			
36) 1,2-Dichloropropane-d6	6.31	67	99177	57.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.44%			
41) Toluene-d8	7.54	98	242244	54.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.12%			
43) trans-1,3-Dichloropropene-	7.83	79	44835	54.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.40%			
47) 2-Hexanone-d5	8.29	63	108556	116.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.47%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	153486	57.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.34%			
64) 1,2-Dichlorobenzene-d4	11.84	152	83013	55.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.50%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	4929	4.484	ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	5685	3.731	ug/L	97
30) 1,1,1-Trichloroethane	4.89	97	3847	1.834	ug/L #	62
34) Trichloroethene	6.16	95	82861	62.472	ug/L	95
37) 1,2-Dichloropropane	6.31	63	11053	6.839	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3465	1.427	ug/L	91
44) trans-1,3-Dichloropropene	7.83	75	2205	0.990	ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	13868	6.282	ug/L	95

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

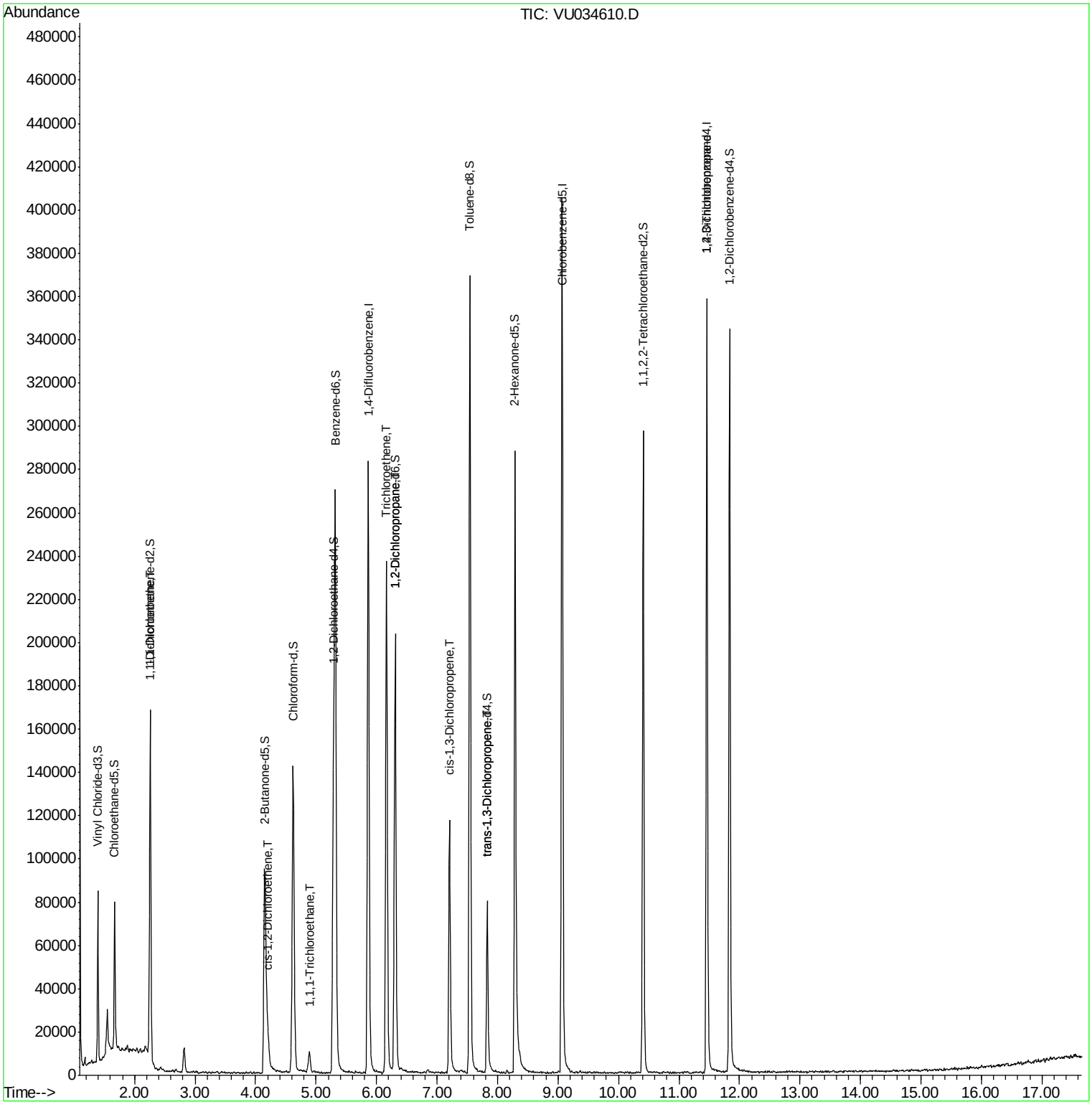
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091719\

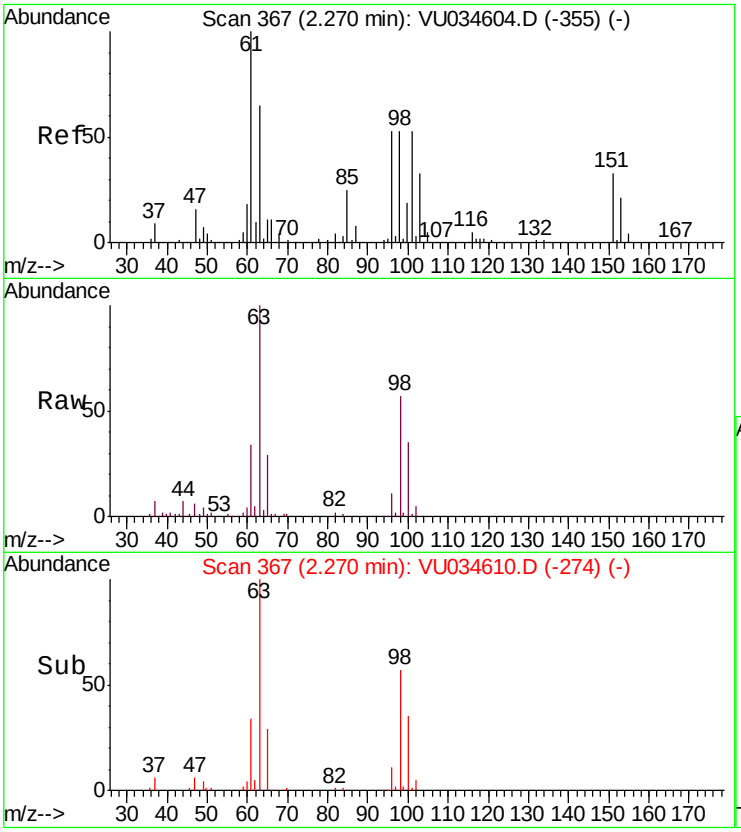
Quantitation Report (Not Reviewed)

Data File : VU034610.D
Acq On : 17 Sep 2019 13:04
Operator : JC/SP
Sample : K4838-13DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0ME9DL

Quant Time: Sep 18 04:34:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration



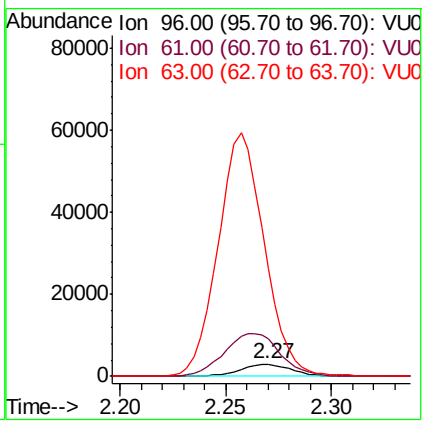


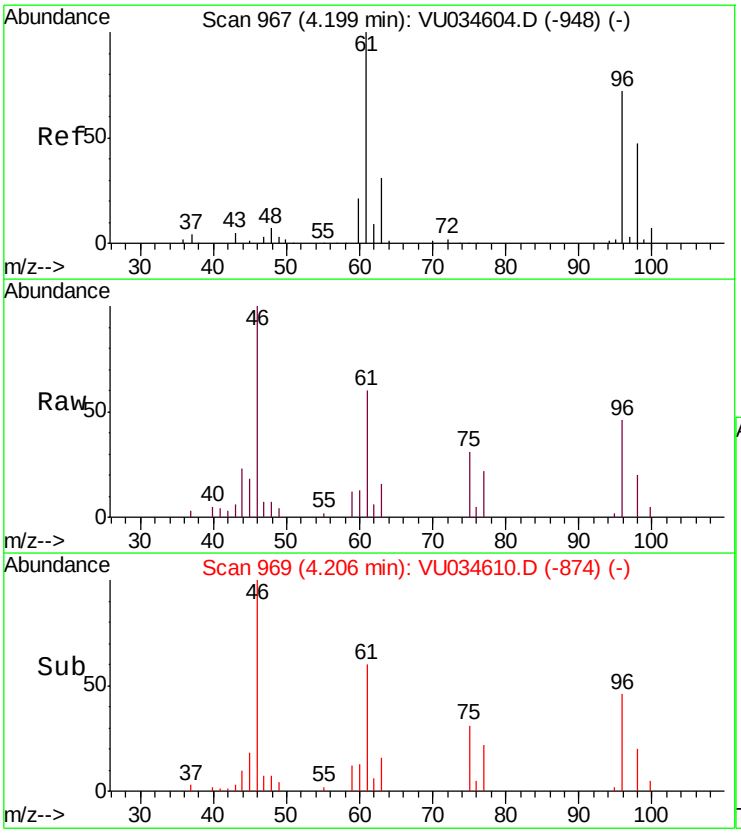
#12
1,1-Dichloroethene
Concen: 4.484 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Instrument : MSVOA_U
ClientSampleId : C0ME9DL

Tgt Ion: 96 Resp: 4929

Ion	Ratio	Lower	Upper
96	100		
61	309.1	117.8	218.8#
63	896.4	83.8	155.6#

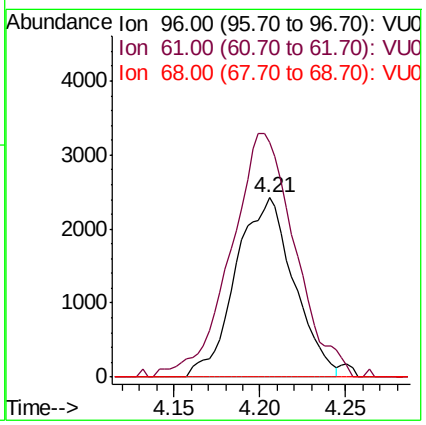


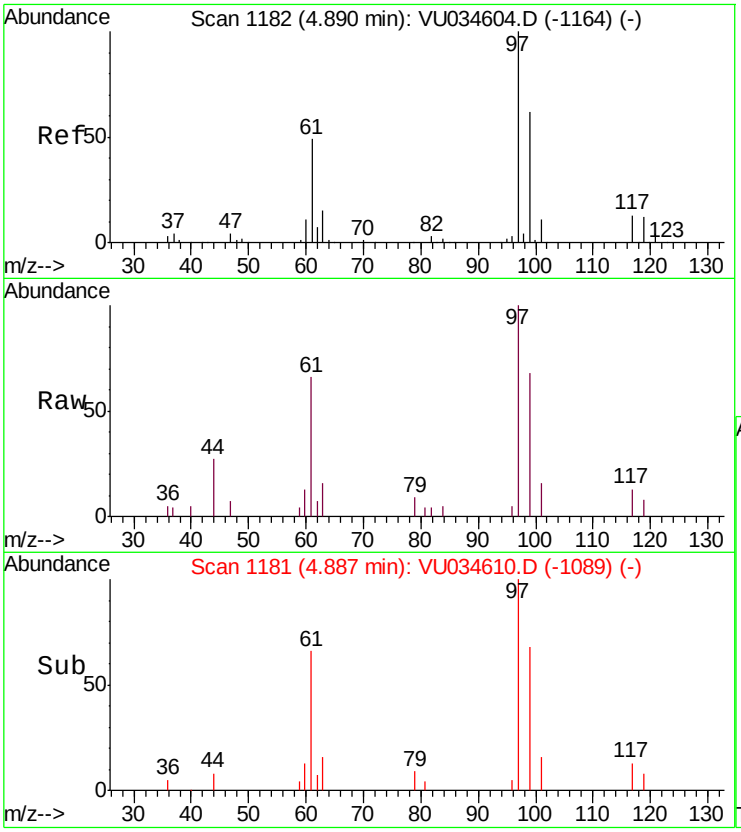


#20
cis-1,2-Dichloroethene
Concen: 3.731 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Tgt Ion: 96 Resp: 5685

Ion	Ratio	Lower	Upper
96	100		
61	131.2	94.7	175.9
68	0.0	0.0	0.0



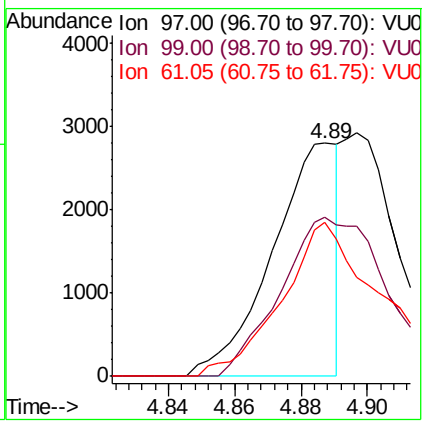


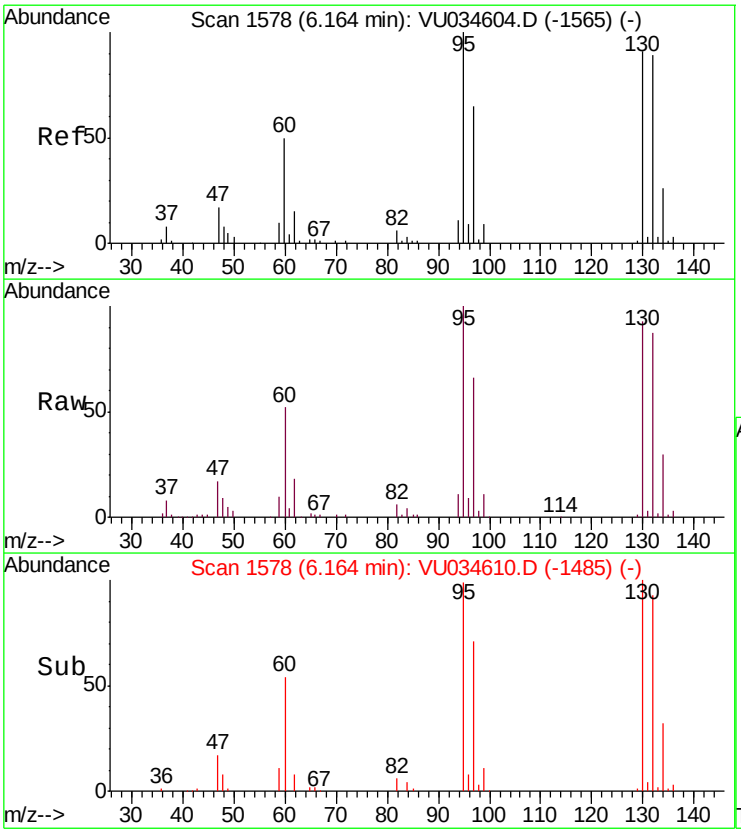
#30
1,1,1-Trichloroethane
Concen: 1.834 ug/L
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
C0ME9DL

Tgt Ion: 97 Resp: 3847

Ion	Ratio	Lower	Upper
97	100		
99	69.4	50.7	76.1
61	98.8	36.9	55.3#

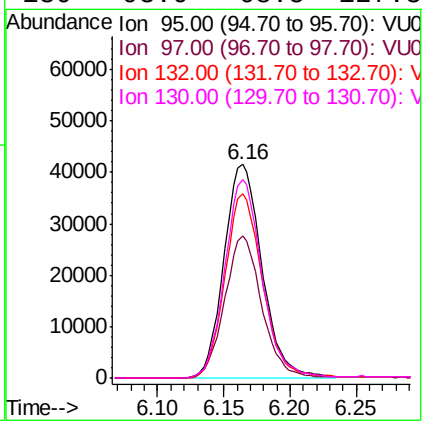


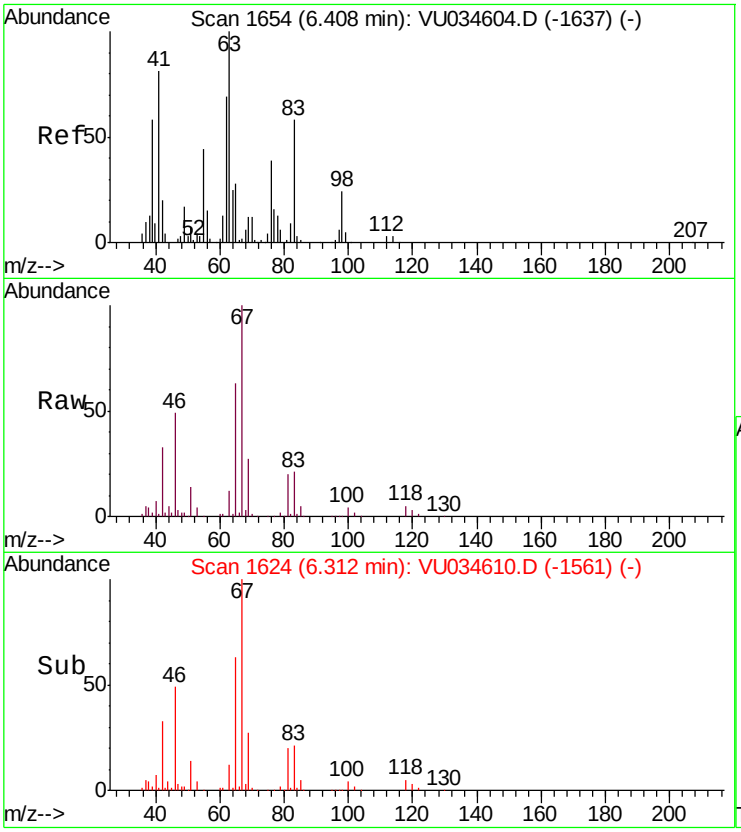


#34
Trichloroethene
Concen: 62.472 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Tgt Ion: 95 Resp: 82861

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.4	84.4
132	86.6	65.2	121.0
130	93.0	68.5	127.3



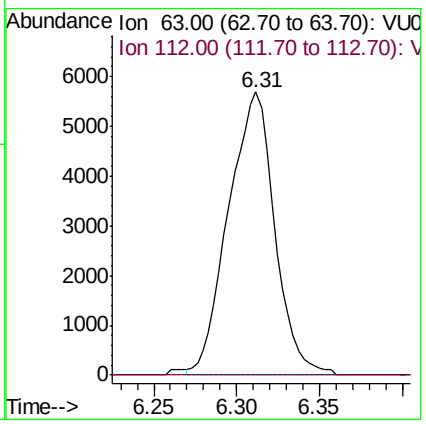


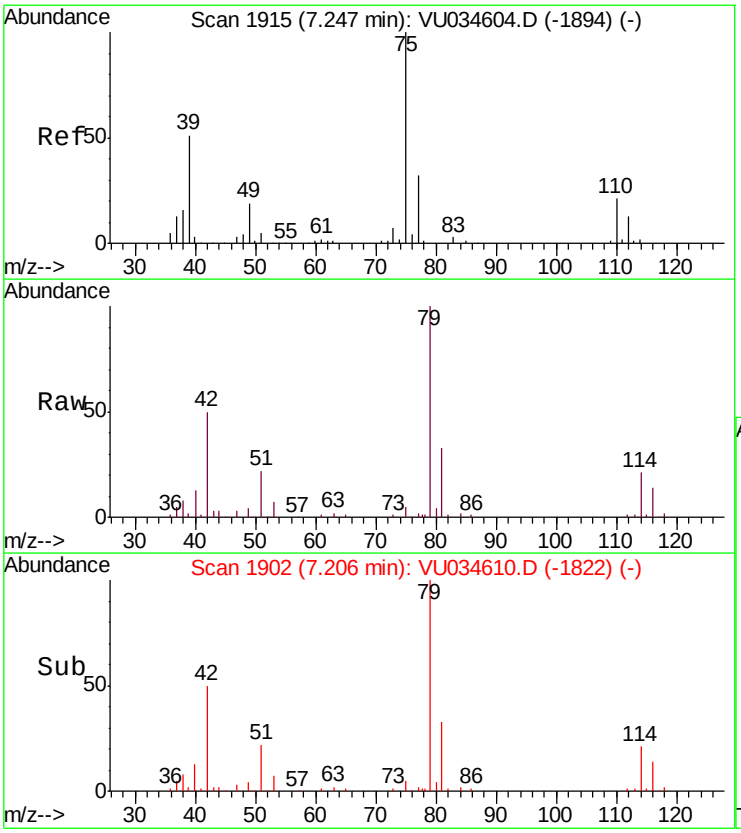
#37
1,2-Dichloropropane
Concen: 6.839 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Instrument : MSVOA_U
ClientSampleId : C0ME9DL

Tgt Ion: 63 Resp: 11053

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

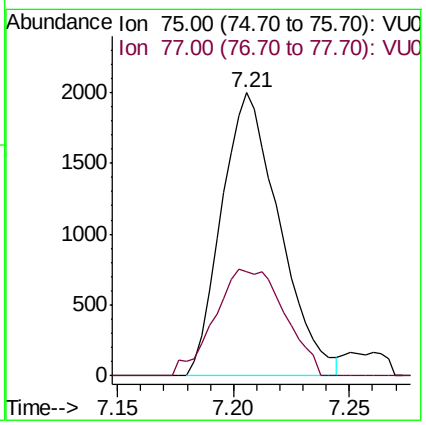


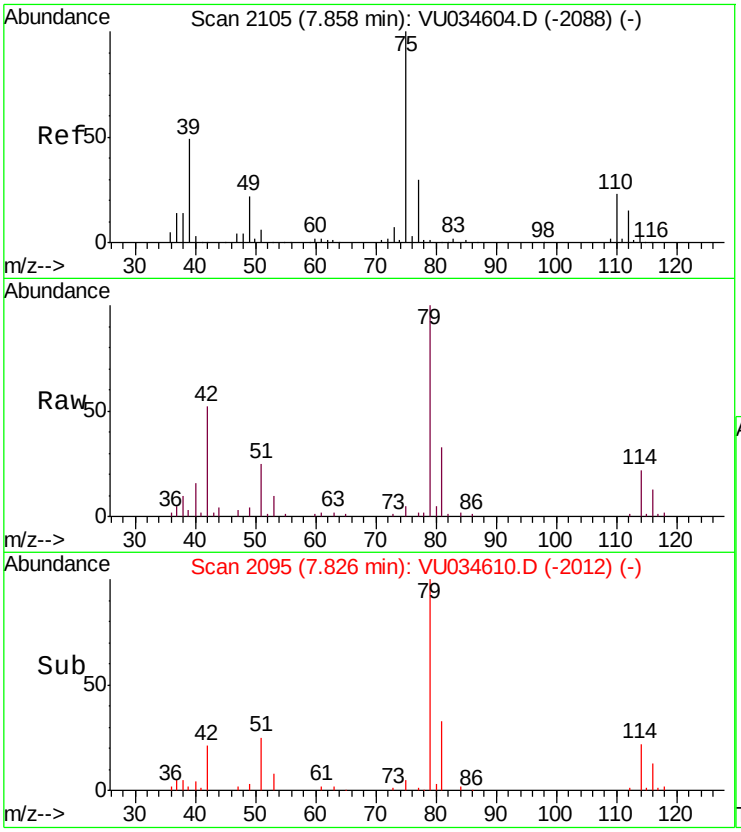


#39
cis-1,3-Dichloropropene
Concen: 1.427 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Tgt Ion: 75 Resp: 3465

Ion	Ratio	Lower	Upper
75	100		
77	36.8	22.3	41.3



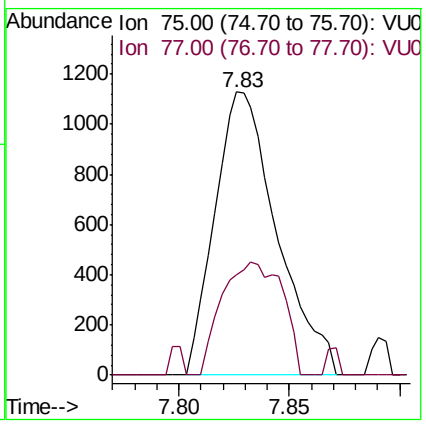


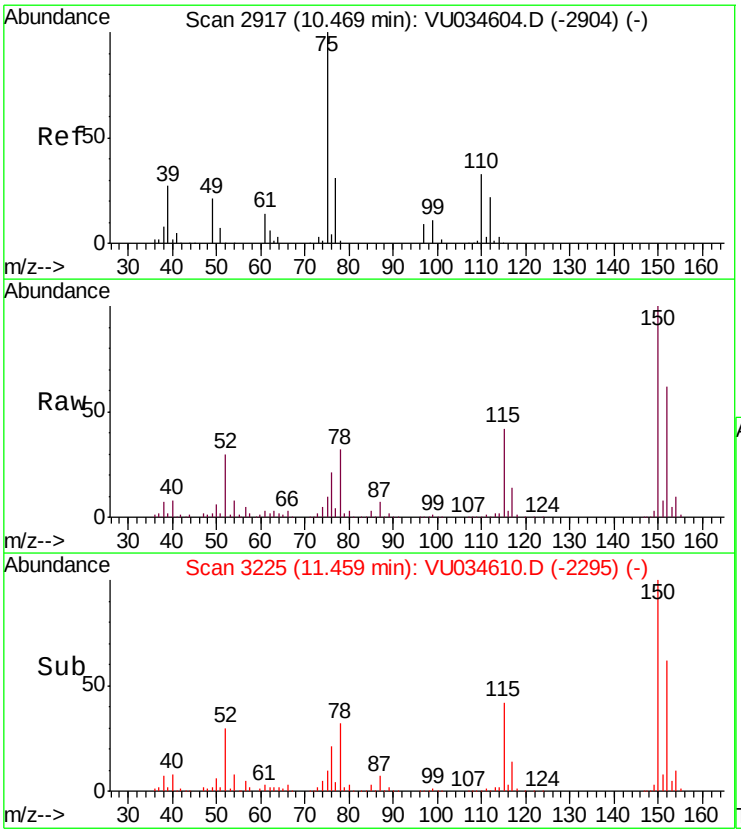
#44
trans-1,3-Dichloropropene
Concen: 0.990 ug/L
RT: 7.83 min Scan# 2095
Delta R.T. -0.03 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
C0ME9DL

Tgt Ion: 75 Resp: 2205

Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.9	42.5





#59
1,2,3-Trichloropropane
Concen: 6.282 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034610.D
Acq: 17 Sep 2019 13:04

Tgt Ion: 75 Resp: 13868

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.1	39.1