Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

Data File : VU033229.D
Acq On : 12 Jul 2019 18:08
Operator : JC/SP
Sample : K3787-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C94

Quant Time: Jul 13 00:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	298285	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131922	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	114479	50.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.40%			
7) Chloroethane-d5	1.67	69	100584	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.28%			
11) 1,1-Dichloroethene-d2	2.26	63	152265	37.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.36%			
21) 2-Butanone-d5	4.15	46	145820	101.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.92%			
24) Chloroform-d	4.62	84	186490	49.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.56%			
26) 1,2-Dichloroethane-d4	5.29	65	125840	51.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.70%			
32) Benzene-d6	5.32	84	387833	54.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.28%			
36) 1,2-Dichloropropane-d6	6.31	67	124586	54.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.58%			
41) Toluene-d8	7.55	98	344723	51.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.06%			
43) trans-1,3-Dichloropropene-	7.83	79	57624	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.42%			
47) 2-Hexanone-d5	8.29	63	113927	110.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.12%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181317	52.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	130777	55.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.18%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1600	0.786	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1436	0.721	ug/L #	1
13) Acetone	2.31	43	9940	5.561	ug/L	98
25) Chloroform	4.65	83	4352	1.035	ug/L	87
37) 1,2-Dichloropropane	6.31	63	13284	5.752	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3733	1.054	ug/L	87
44) trans-1,3-Dichloropropene	7.83	75	2505	0.784	ug/L #	82
59) 1,2,3-Trichloropropane	11.47	75	16373	5.446	ug/L	93

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

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Quantitation Report (Not Reviewed)

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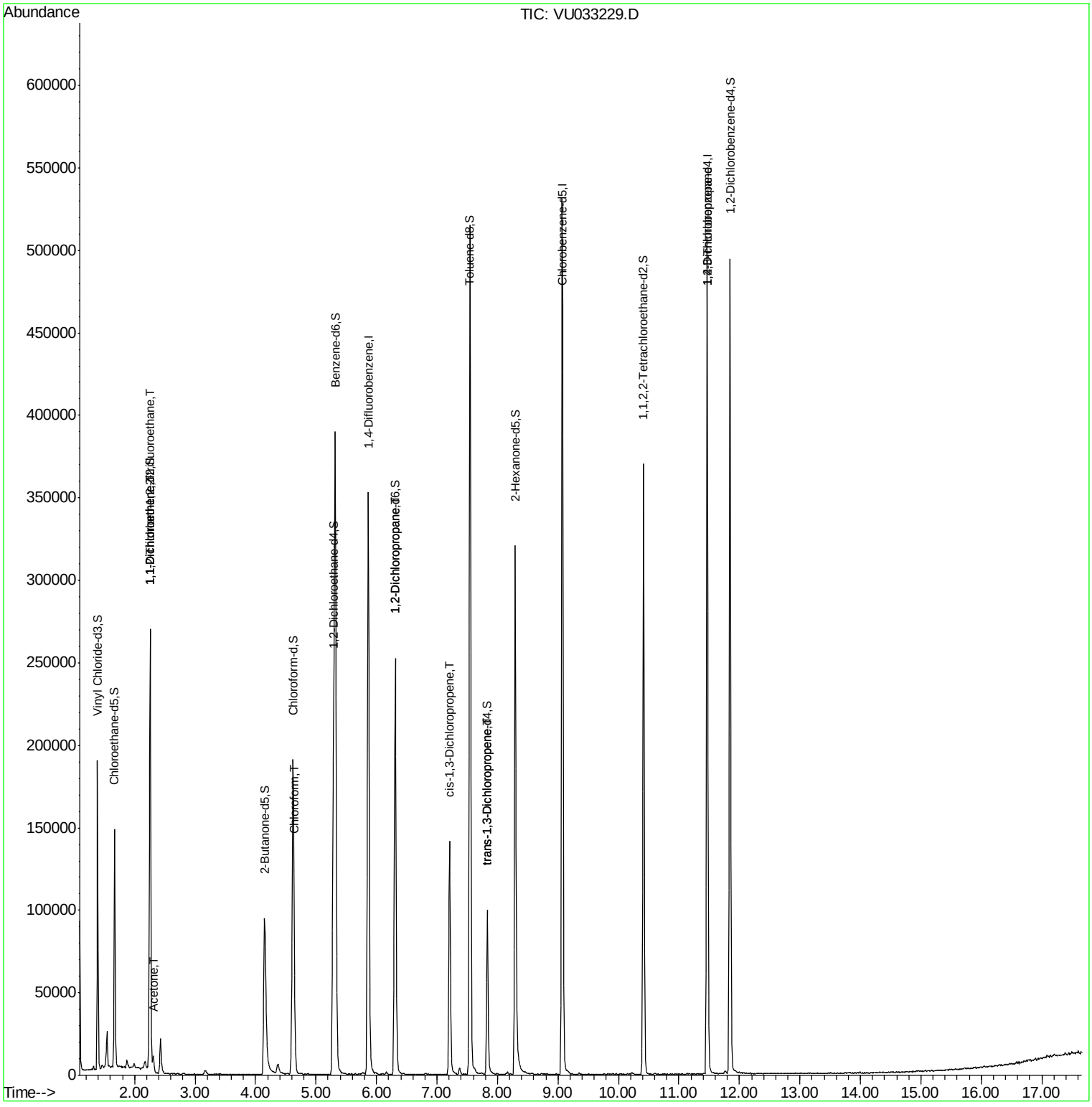
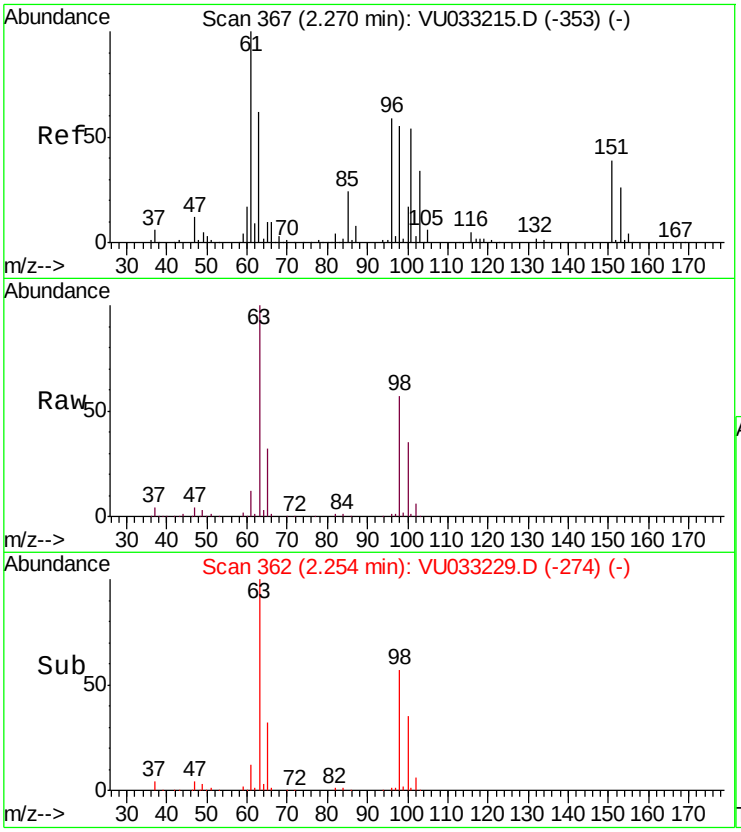
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C94

Quant Time: Jul 13 00:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration



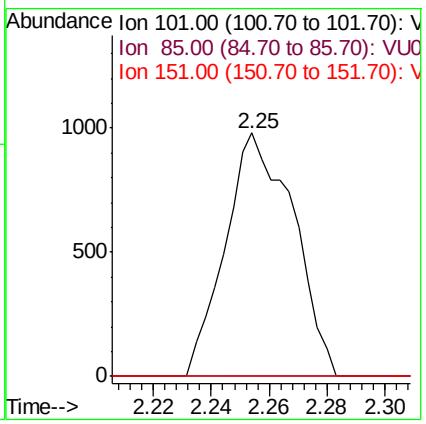


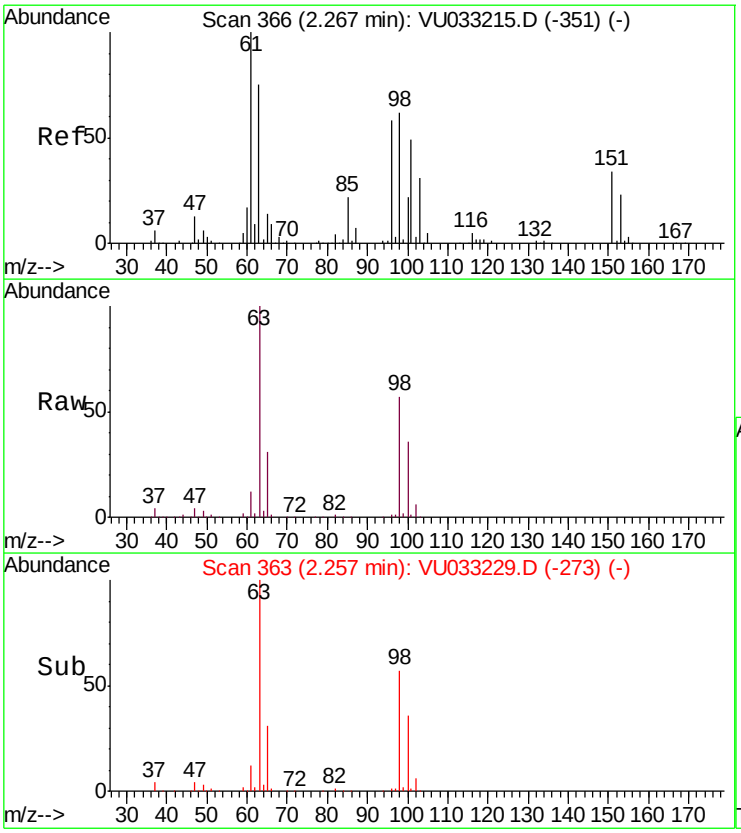
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.786 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Instrument : MSVOA_U
ClientSampleId : C0C94

Tgt Ion:101 Resp: 1600

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

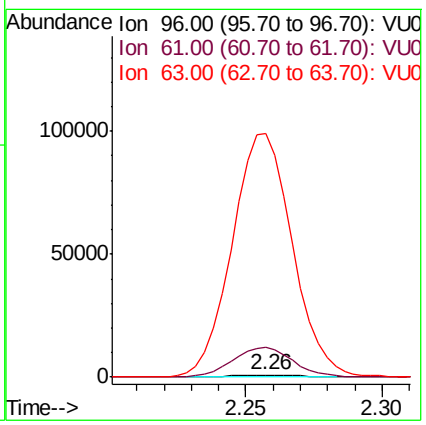


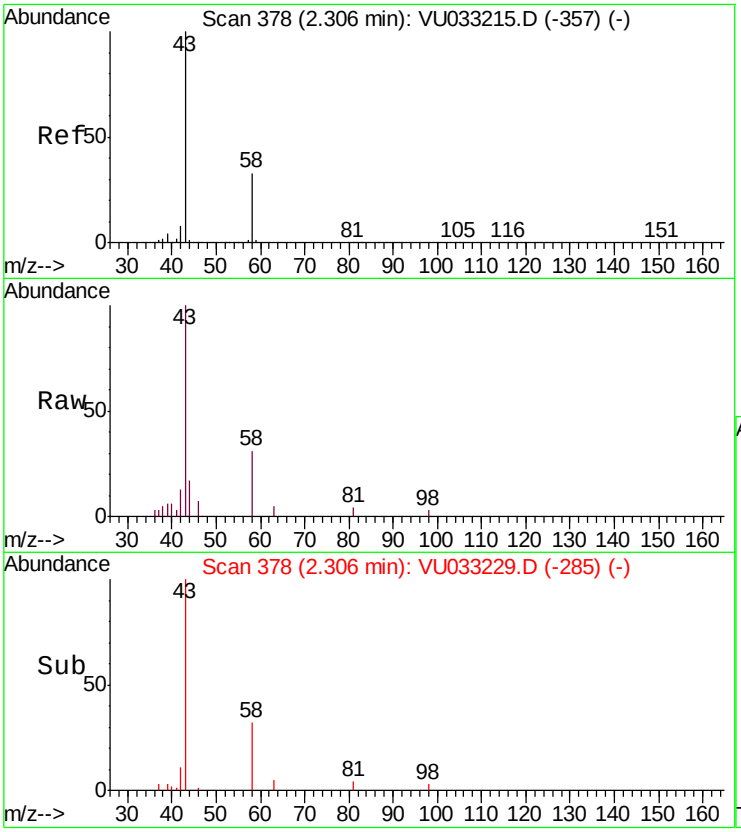


#12
1,1-Dichloroethene
Concen: 0.721 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Tgt Ion: 96 Resp: 1436

Ion	Ratio	Lower	Upper
96	100		
61	1526.5	126.1	234.1#
63	12632.7	96.8	179.8#



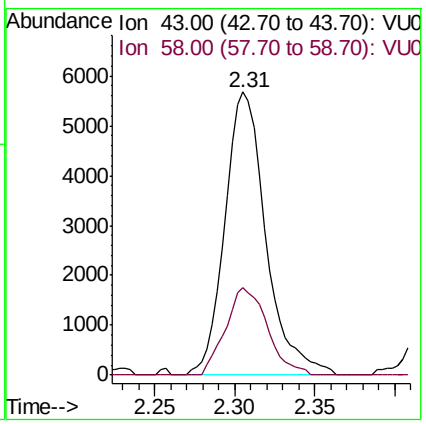


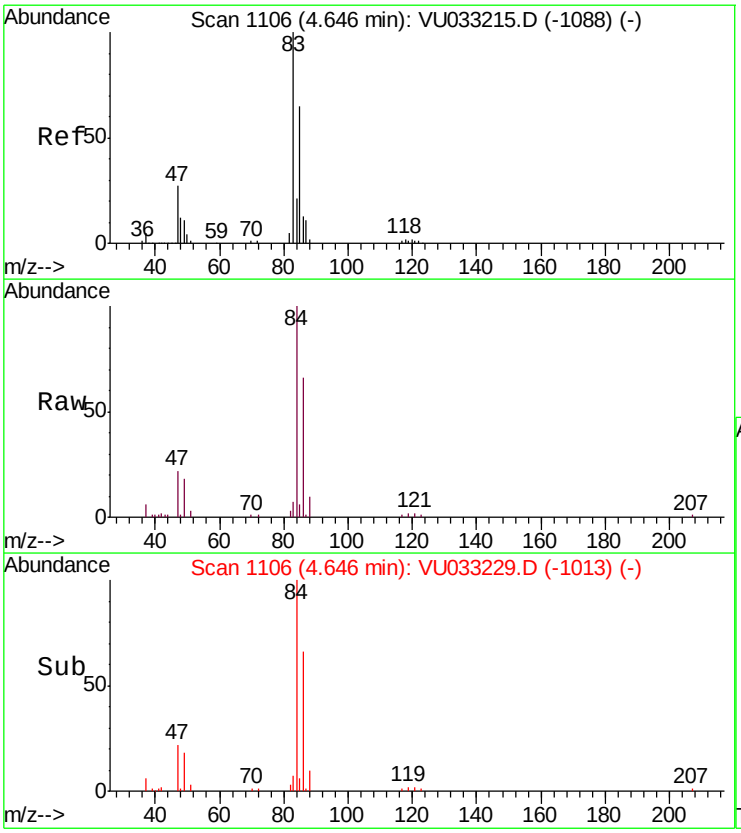
#13
Acetone
Concen: 5.561 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Instrument :
MSVOA_U
ClientSampleId :
C0C94

Tgt Ion: 43 Resp: 9940

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	65.4

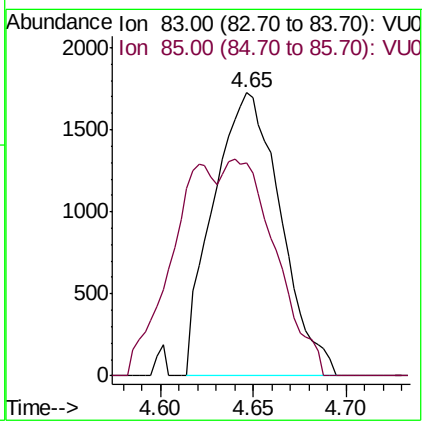


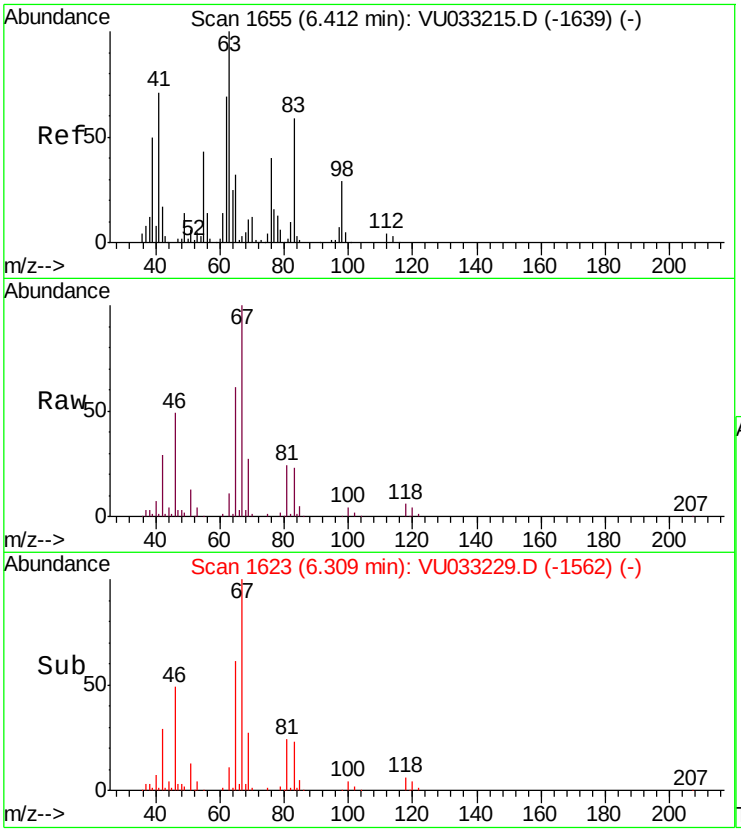


#25
Chloroform
Concen: 1.035 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Tgt Ion: 83 Resp: 4352

Ion	Ratio	Lower	Upper
83	100		
85	75.2	45.4	84.4



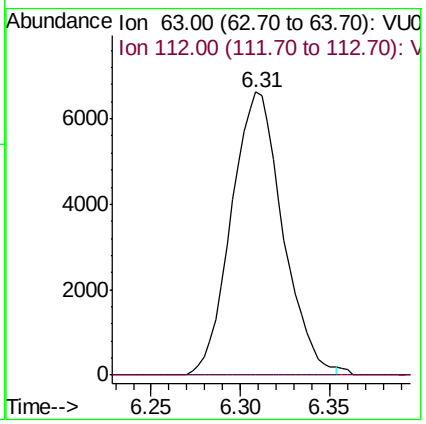


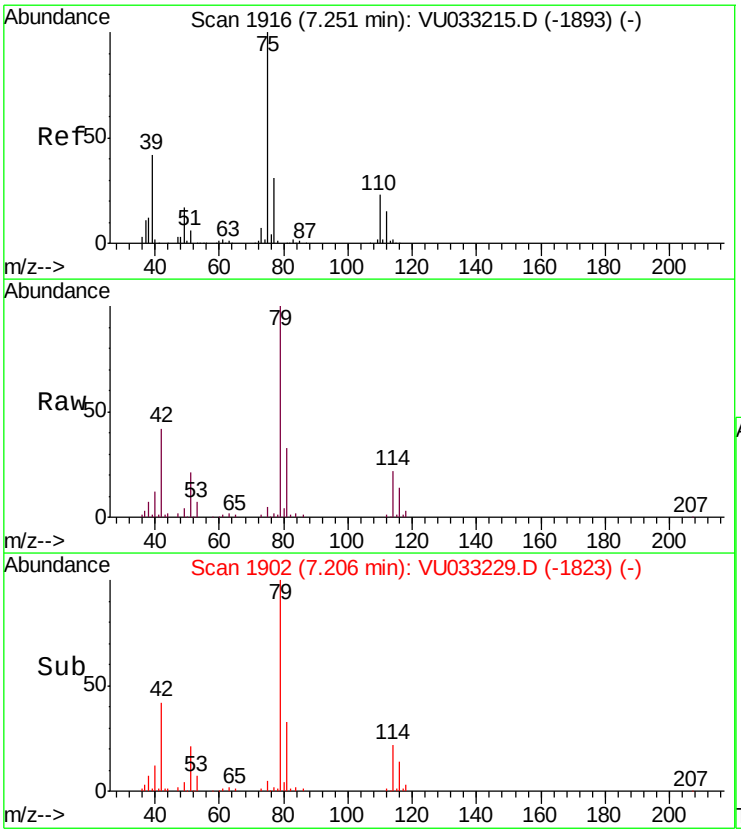
#37
1,2-Dichloropropane
Concen: 5.752 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Instrument : MSVOA_U
ClientSampleId : C0C94

Tgt Ion: 63 Resp: 13284

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

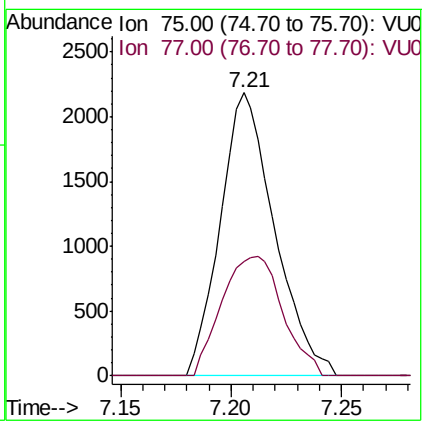


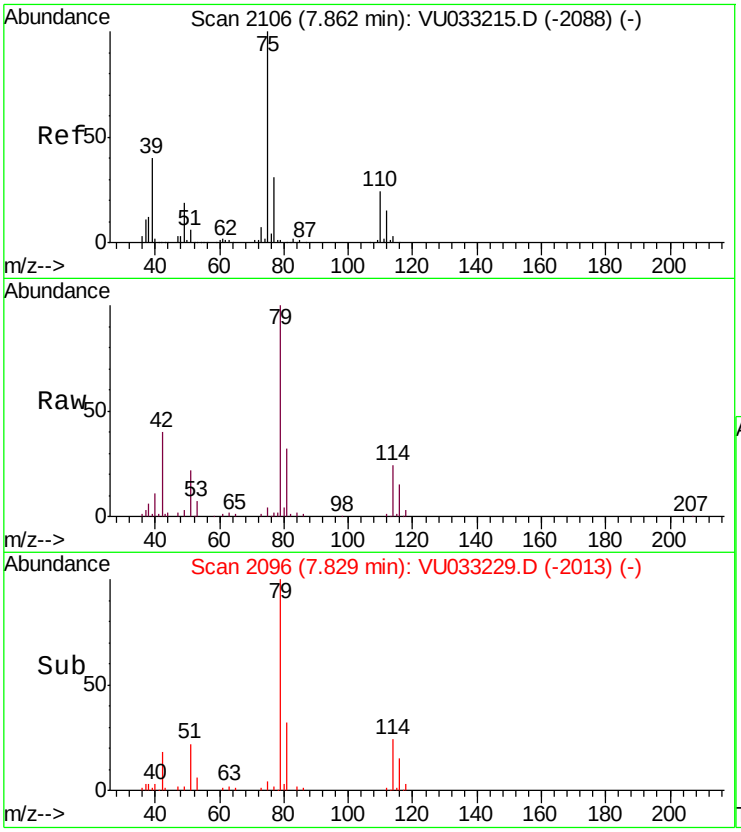


#39
cis-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.05 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Tgt Ion: 75 Resp: 3733

Ion	Ratio	Lower	Upper
75	100		
77	40.5	23.1	42.9



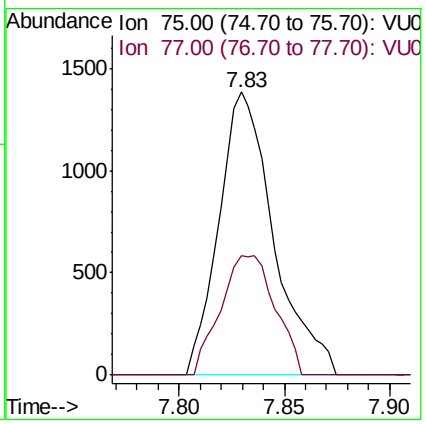


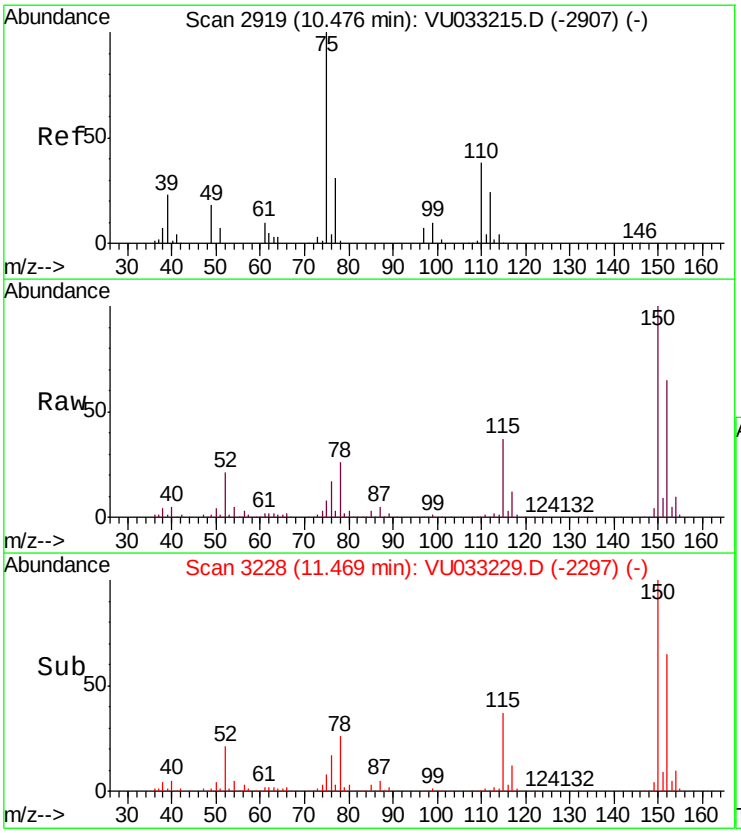
#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Instrument :
MSVOA_U
ClientSampleId :
C0C94

Tgt Ion: 75 Resp: 2505

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.4	41.6#





#59
1,2,3-Trichloropropane
Concen: 5.446 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033229.D
Acq: 12 Jul 2019 18:08

Tgt Ion: 75 Resp: 16373

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.0	39.0