Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033500.D
Acq On : 30 Jul 2019 18:26
Operator : JC/SP
Sample : VU0731WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK34

Quant Time: Jul 31 08:08:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	326809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	323658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	152054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	110414	46.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.94%			
7) Chloroethane-d5	1.67	69	97331	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.48%			
11) 1,1-Dichloroethene-d2	2.26	63	161909	37.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.08%			
21) 2-Butanone-d5	4.15	46	156246	99.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.28%			
24) Chloroform-d	4.62	84	183818	46.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.30%			
26) 1,2-Dichloroethane-d4	5.29	65	123204	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.70%			
32) Benzene-d6	5.32	84	387826	48.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.68%			
36) 1,2-Dichloropropane-d6	6.31	67	123477	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.18%			
41) Toluene-d8	7.55	98	352560	46.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.78%			
43) trans-1,3-Dichloropropene-	7.83	79	57426	46.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.06%			
47) 2-Hexanone-d5	8.30	63	117394	98.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.31%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	179528	46.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.58%			
64) 1,2-Dichlorobenzene-d4	11.85	152	140521	50.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.94%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1897	0.860	ug/L #	25
12) 1,1-Dichloroethene	2.26	96	1593	0.753	ug/L #	1
13) Acetone	2.31	43	893	0.555	ug/L	74
25) Chloroform	4.65	83	2792	0.637	ug/L	88
44) trans-1,3-Dichloropropene	7.83	75	2854	0.810	ug/L	93
59) 1,2,3-Trichloropropane	11.47	75	19055	5.776	ug/L	91
63) 1,4-Dichlorobenzene	11.49	146	2397	0.494	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	1237	0.384	ug/L #	78

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

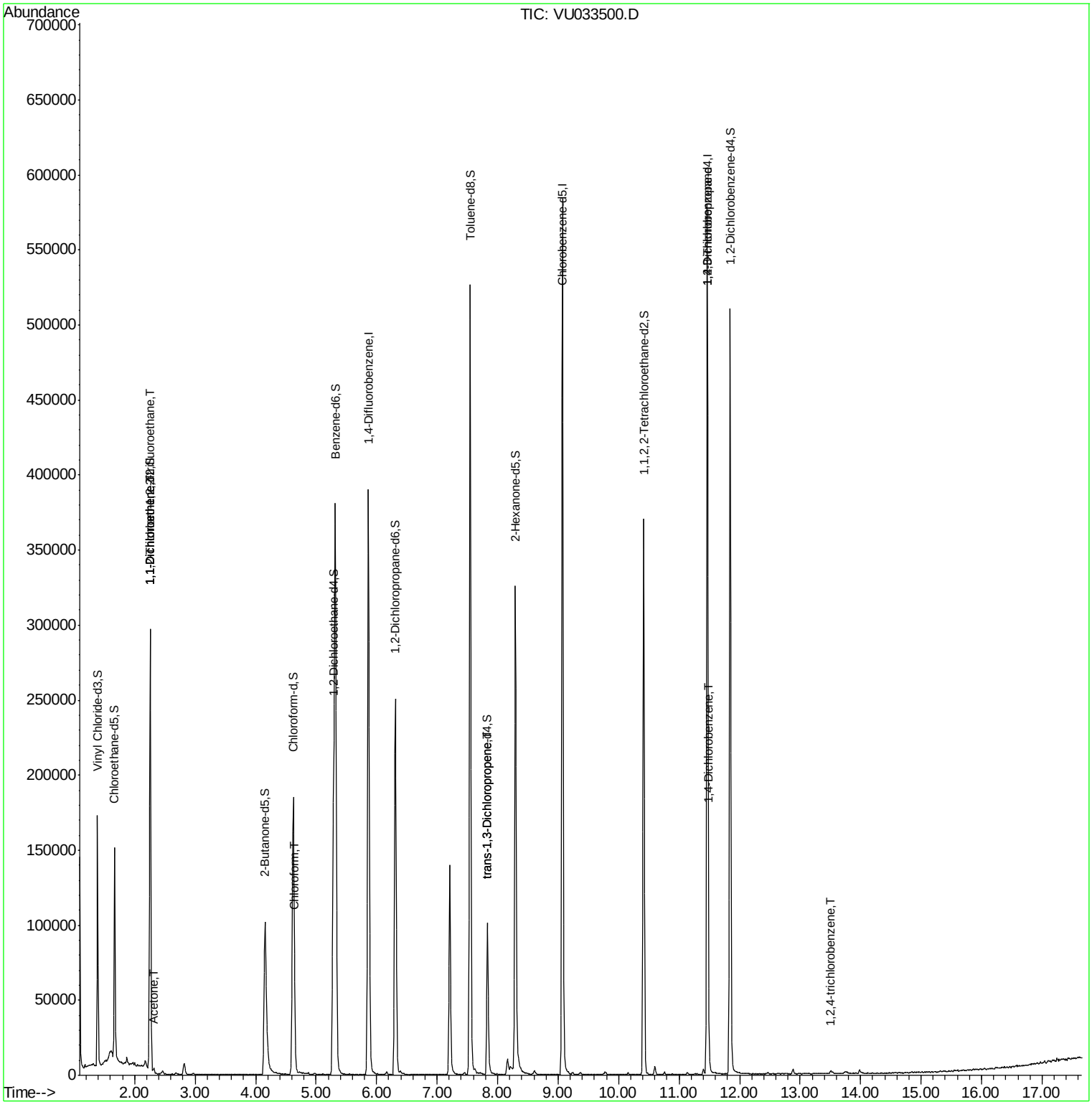
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

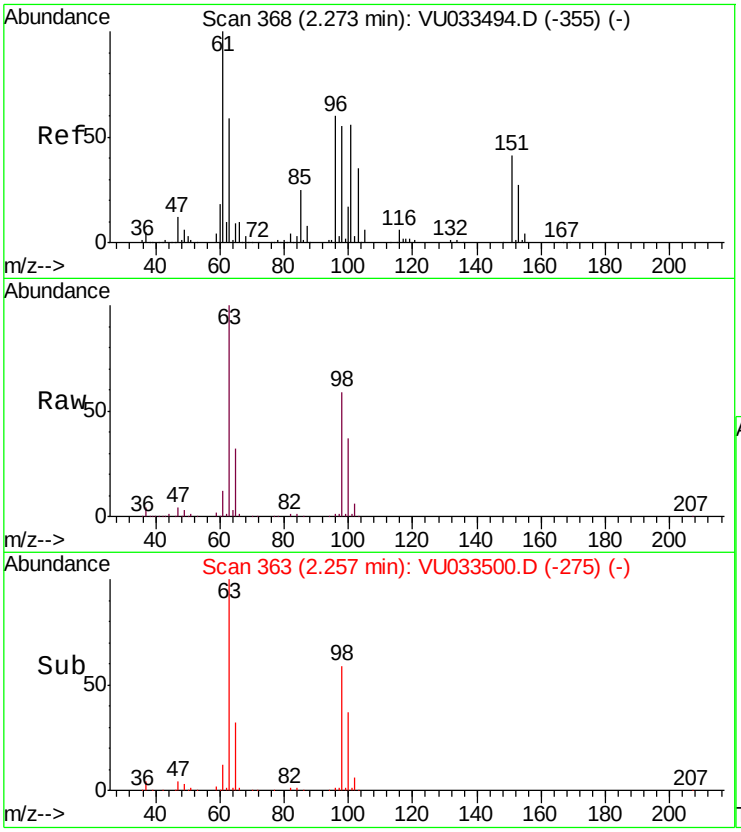
Quantitation Report (Not Reviewed)

Data File : VU033500.D
Acq On : 30 Jul 2019 18:26
Operator : JC/SP
Sample : VU0731WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK34

Quant Time: Jul 31 08:08:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration



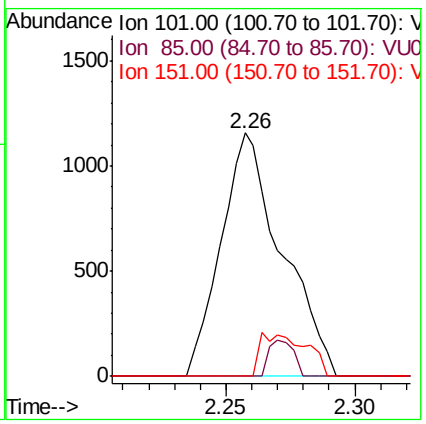


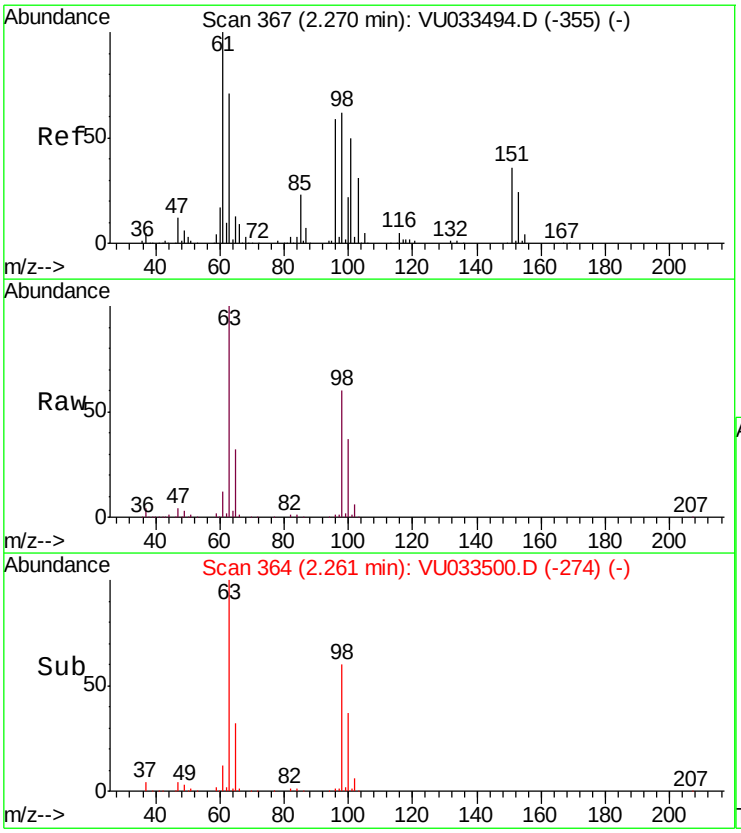
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.860 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion:101 Resp: 1897

Ion	Ratio	Lower	Upper
101	100		
85	6.2	35.8	53.8#
151	3.8	60.1	90.1#

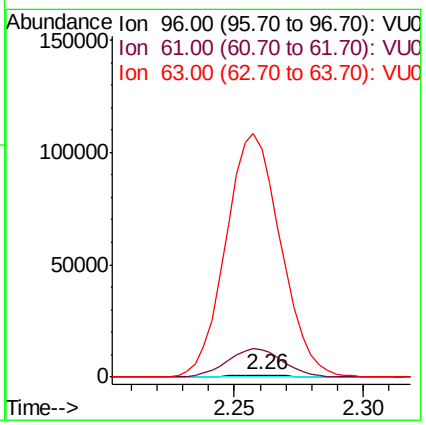


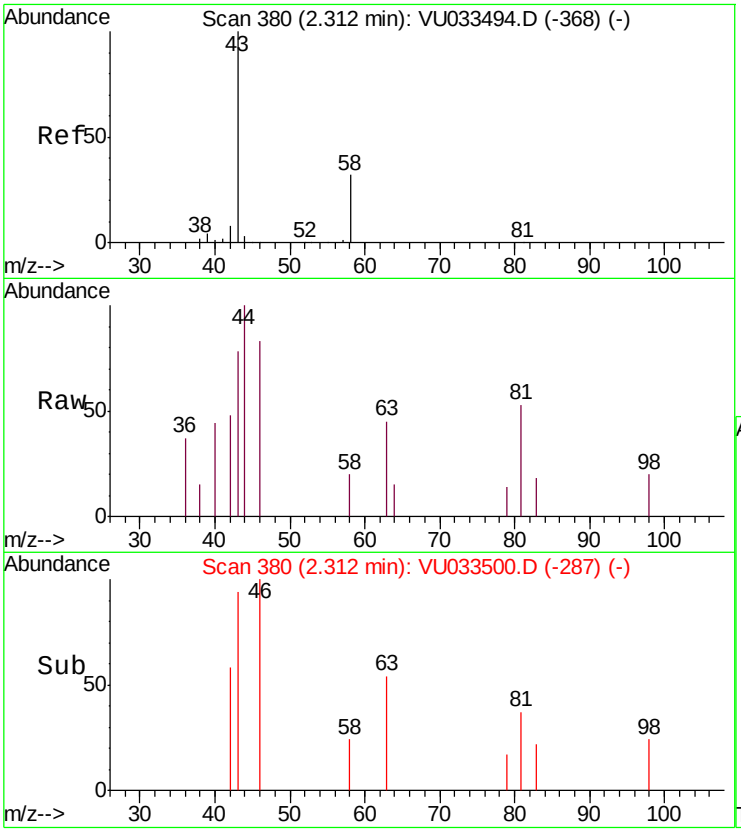


#12
1,1-Dichloroethene
Concen: 0.753 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Tgt Ion: 96 Resp: 1593

Ion	Ratio	Lower	Upper
96	100		
61	1205.0	119.3	221.5#
63	9992.1	86.6	160.8#



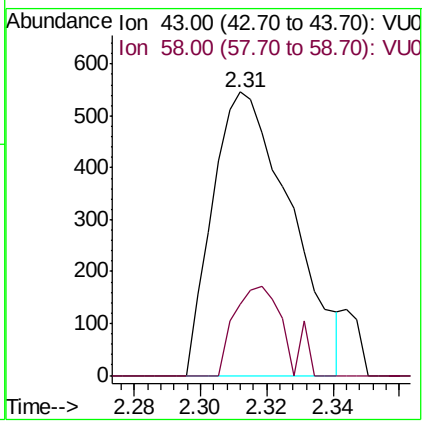


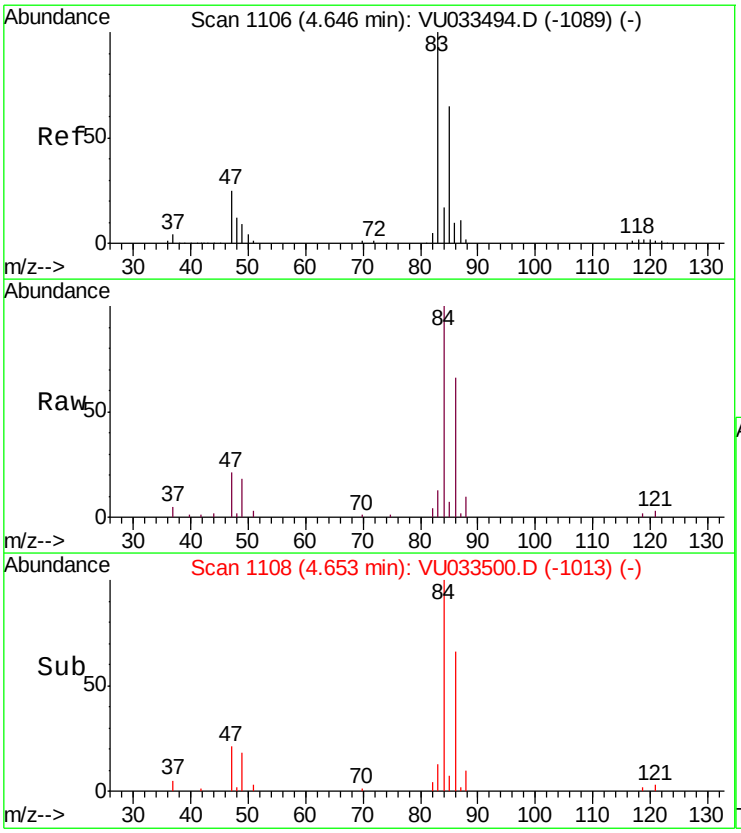
#13
Acetone
Concen: 0.555 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion: 43 Resp: 893

Ion	Ratio	Lower	Upper
43	100		
58	18.1	0.0	66.2

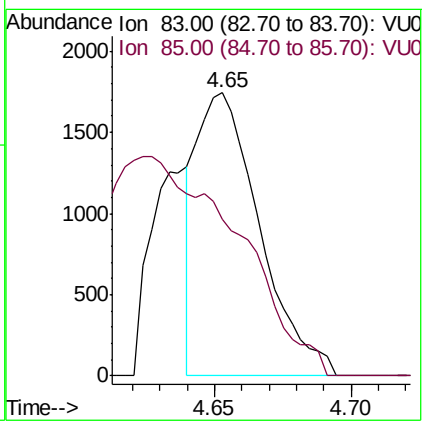


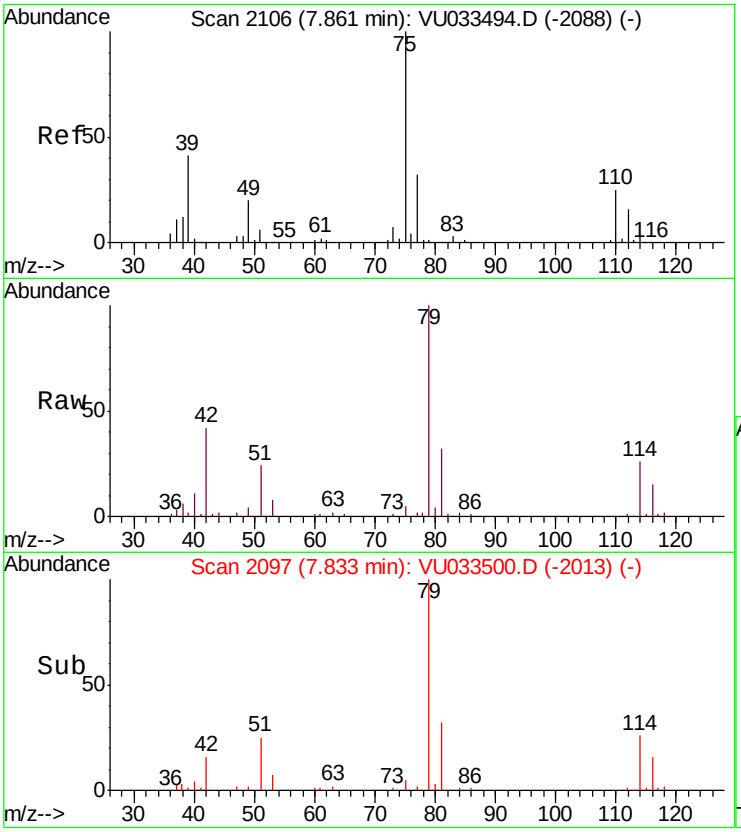


#25
Chloroform
Concen: 0.637 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Tgt Ion: 83 Resp: 2792

Ion	Ratio	Lower	Upper
83	100		
85	55.5	45.6	84.8



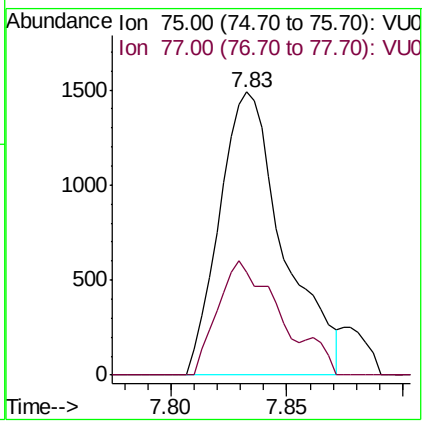


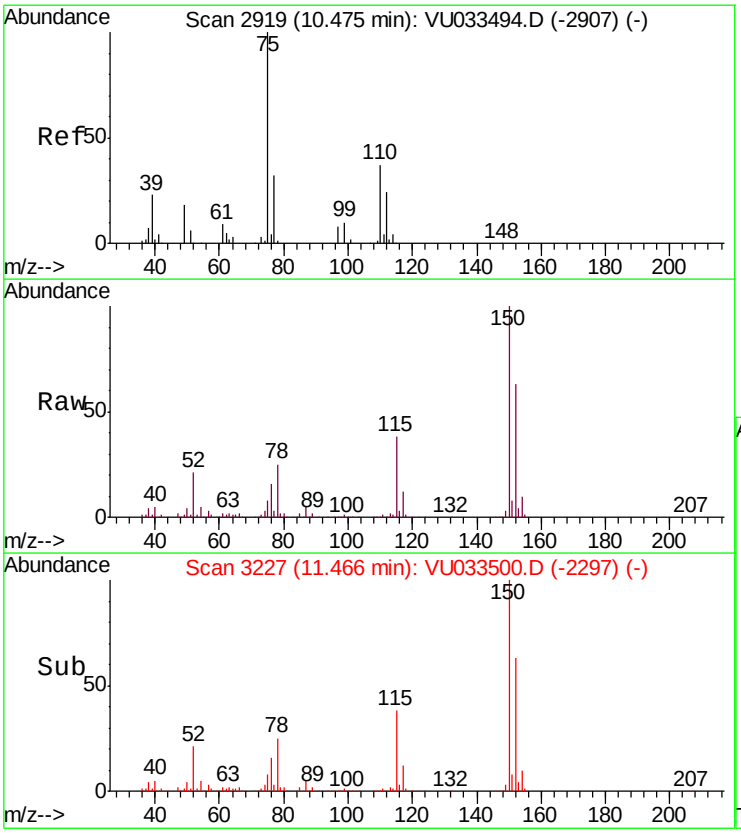
#44
trans-1,3-Dichloropropene
Concen: 0.810 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion: 75 Resp: 2854

Ion	Ratio	Lower	Upper
75	100		
77	36.5	22.7	42.1

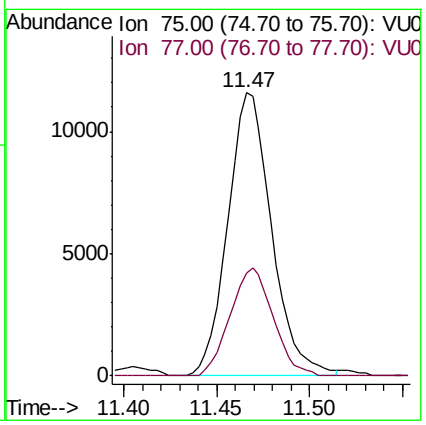


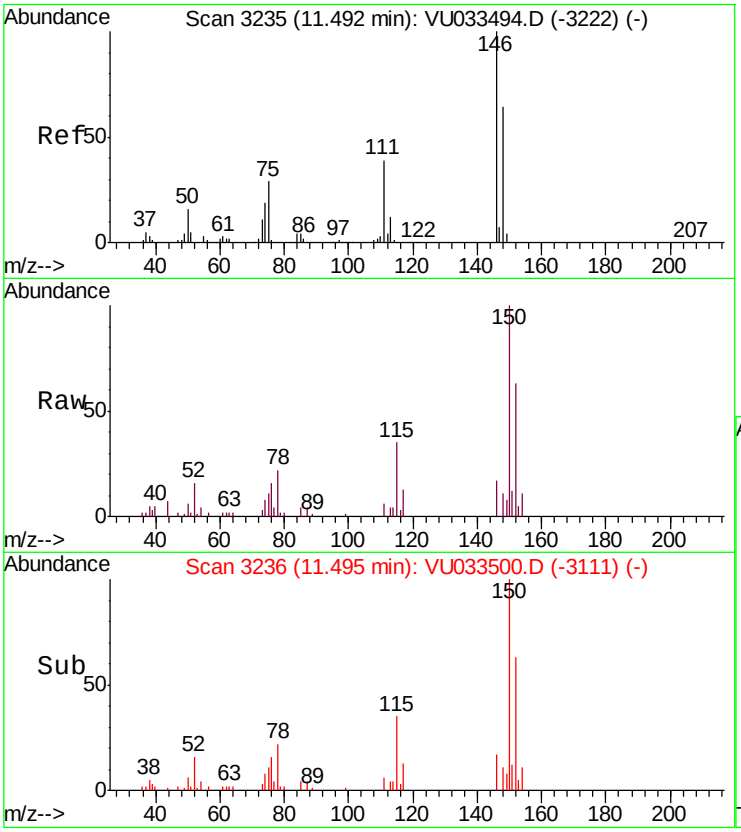


#59
1,2,3-Trichloropropane
Concen: 5.776 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Tgt Ion: 75 Resp: 19055

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.8	38.6



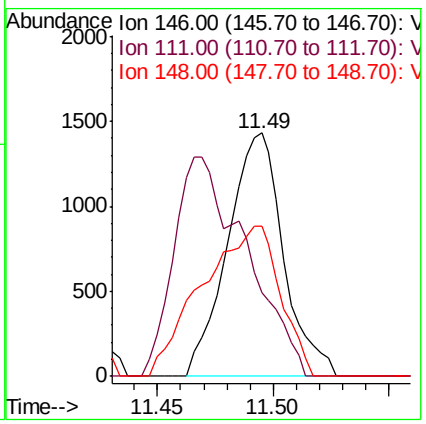


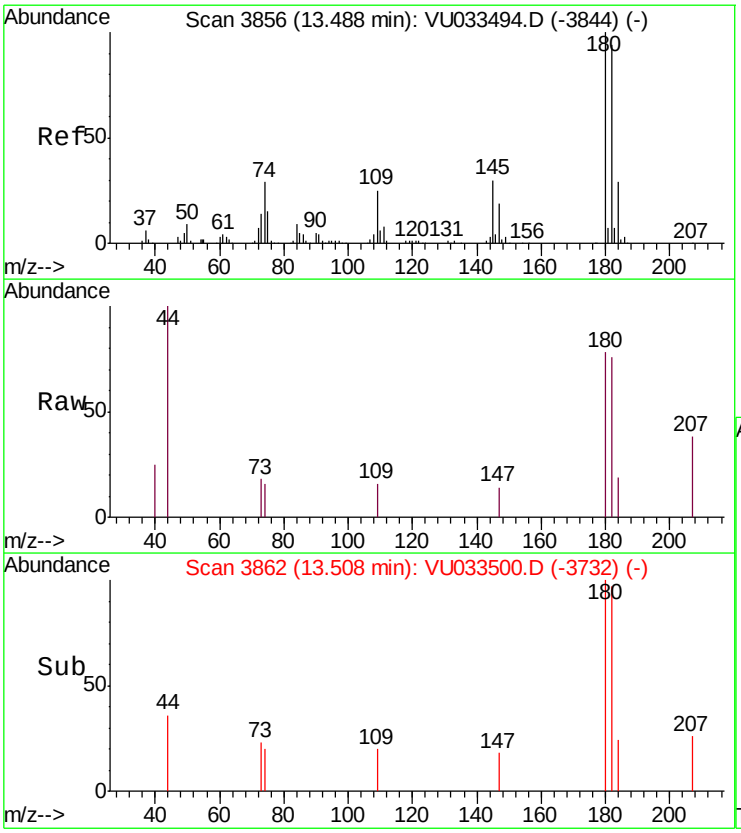
#63
1,4-Dichlorobenzene
Concen: 0.494 ug/L
RT: 11.49 min Scan# 3236
Delta R.T. 0.00 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion:146 Resp: 2397

Ion	Ratio	Lower	Upper
146	100		
111	34.6	27.2	50.4
148	61.7	44.5	82.7





#68
1,2,4-trichlorobenzene
Concen: 0.384 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.02 min
Lab File: VU033500.D
Acq: 30 Jul 2019 18:26

Tgt Ion:180 Resp: 1237

Ion	Ratio	Lower	Upper
180	100		
182	105.0	75.8	113.8
145	0.0	24.3	36.5#