Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100319\

Quantitation Report (Not Reviewed)

Data File : VU034920.D
Acq On : 03 Oct 2019 17:43
Operator : JC/SP
Sample : K5058-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAM6

Quant Time: Oct 04 06:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 04 06:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	438057	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	423971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	165605	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	147486	41.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.78%			
7) Chloroethane-d5	1.67	69	117084	44.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.24%			
11) 1,1-Dichloroethene-d2	2.26	63	208052	33.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.90%			
21) 2-Butanone-d5	4.15	46	233551	90.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.05%			
24) Chloroform-d	4.62	84	241755	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.48%			
26) 1,2-Dichloroethane-d4	5.29	65	171232	44.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.10%			
32) Benzene-d6	5.32	84	535046	44.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.74%			
36) 1,2-Dichloropropane-d6	6.31	67	176258	44.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.58%			
41) Toluene-d8	7.54	98	490631	43.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.74%			
43) trans-1,3-Dichloropropene-	7.83	79	74991	42.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.10%			
47) 2-Hexanone-d5	8.29	63	161015	86.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.28%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	241075	43.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.26%			
64) 1,2-Dichlorobenzene-d4	11.84	152	157726	46.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.78%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1936	0.738	ug/L #	25
12) 1,1-Dichloroethene	2.26	96	1709	0.679	ug/L #	1
13) Acetone	2.31	43	4269	1.739	ug/L	89
25) Chloroform	4.65	83	10712	1.849	ug/L	95
44) trans-1,3-Dichloropropene	7.83	75	3223	0.703	ug/L	89
48) 2-Hexanone	8.29	43	17640	4.329	ug/L #	71
59) 1,2,3-Trichloropropane	11.46	75	22317	5.002	ug/L	94

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

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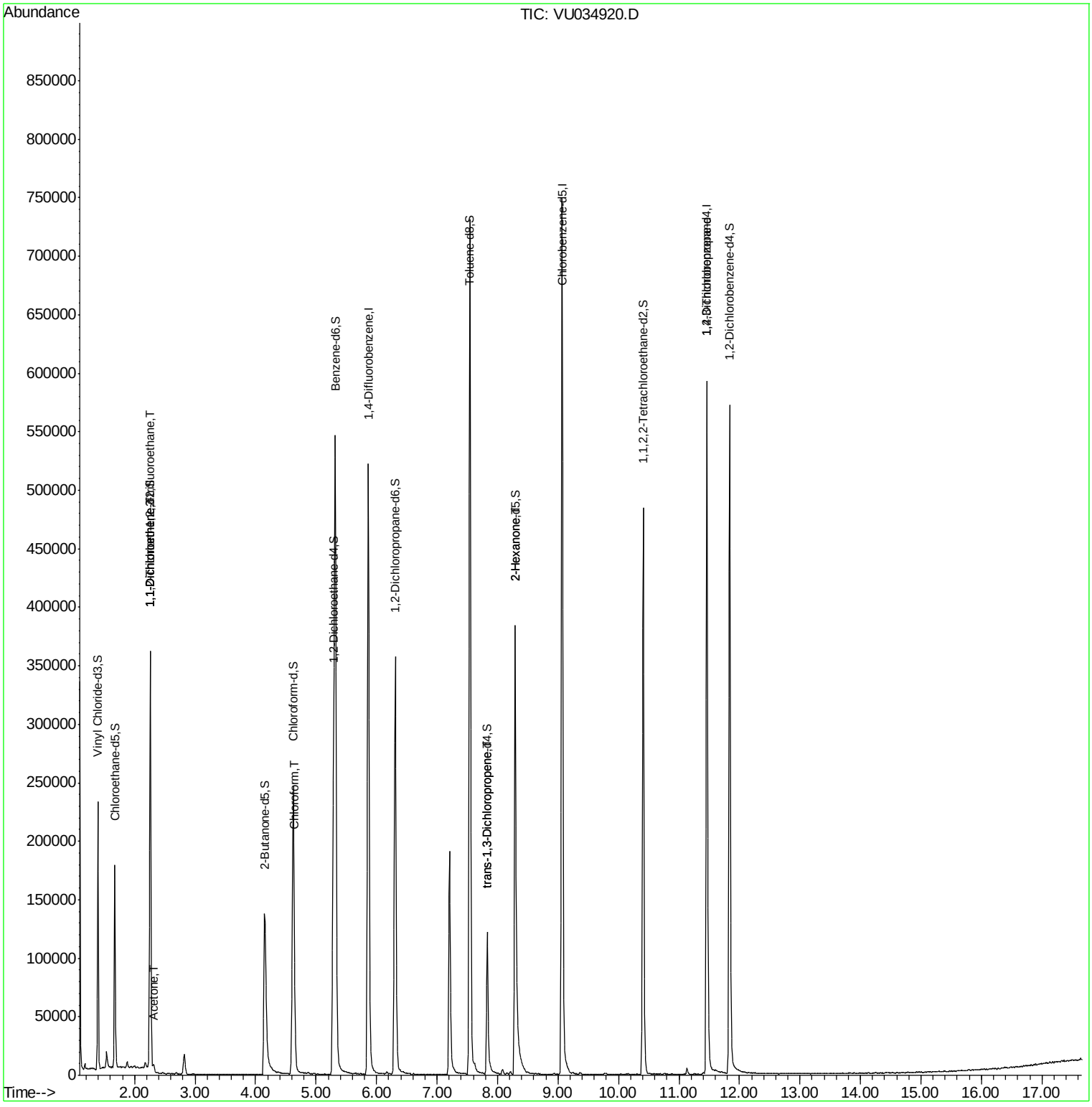
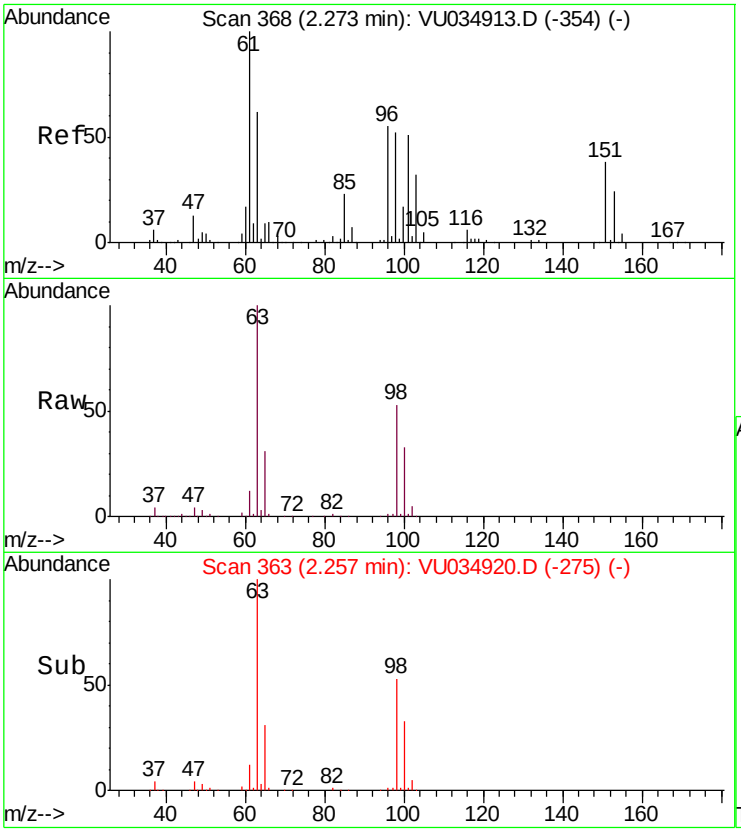
Quant Title : VOC Analysis
QLast Update : Fri Oct 04 06:39:51 2019
Response via : Initial Calibration



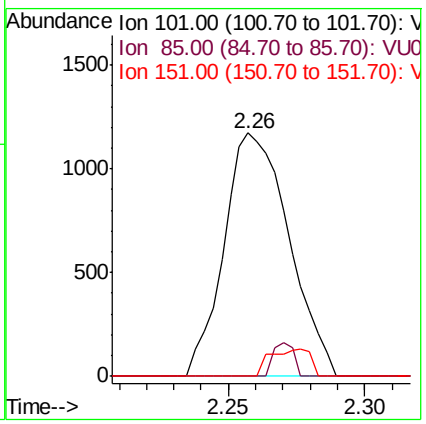


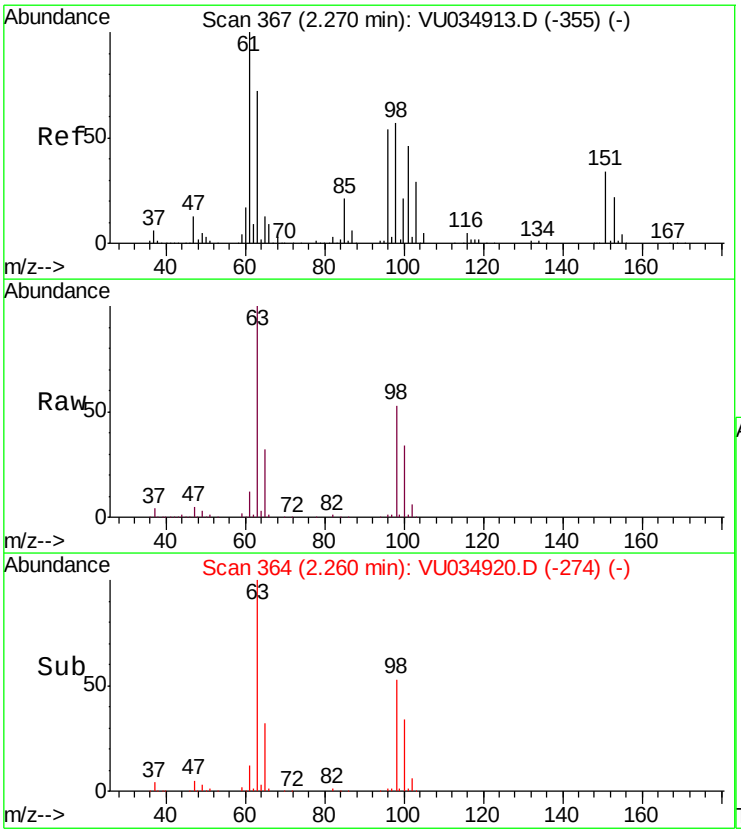
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.738 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Instrument :
MSVOA_U
ClientSampleId :
DBAM6

Tgt Ion:101 Resp: 1936

Ion	Ratio	Lower	Upper
101	100		
85	4.3	35.9	53.9#
151	3.2	59.0	88.4#

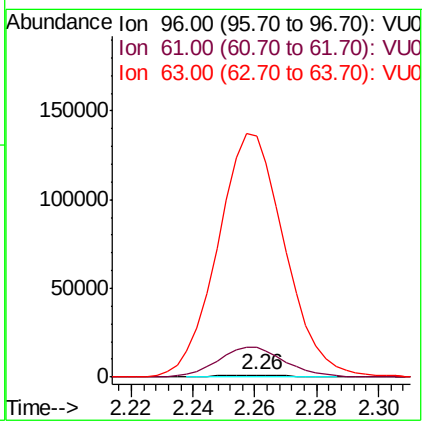


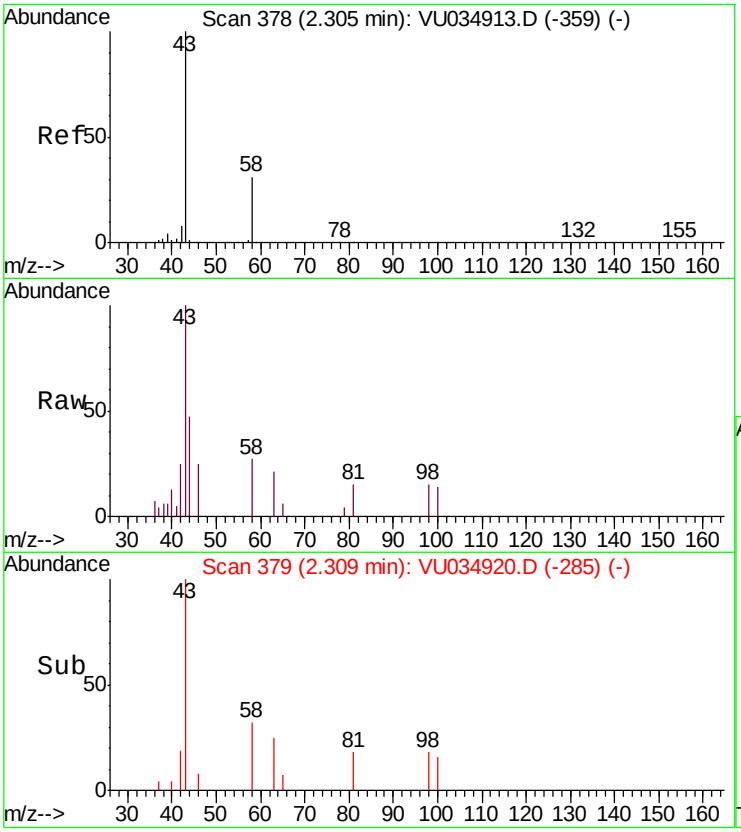


#12
1,1-Dichloroethene
Concen: 0.679 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Tgt Ion: 96 Resp: 1709

Ion	Ratio	Lower	Upper
96	100		
61	1691.6	131.2	243.6#
63	13673.9	97.6	181.2#



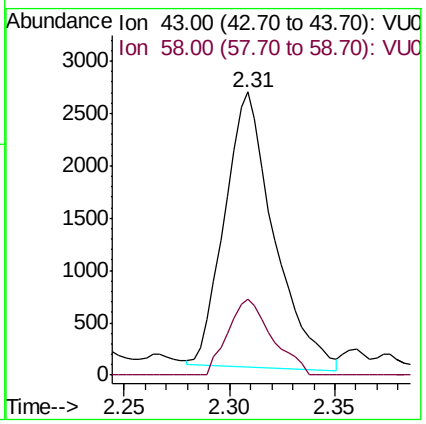


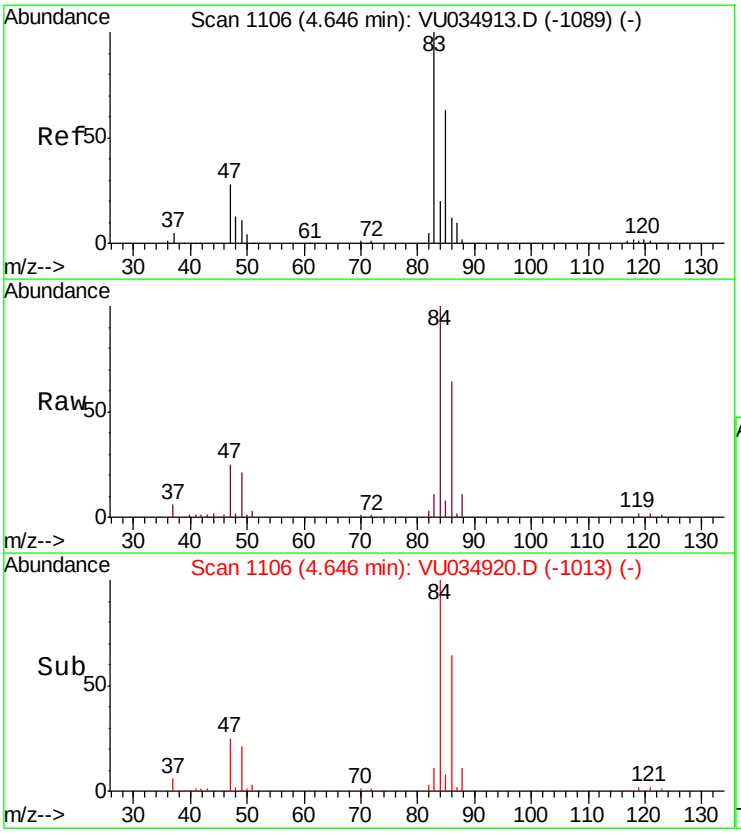
#13
Acetone
Concen: 1.739 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Instrument :
MSVOA_U
ClientSampleId :
DBAM6

Tgt Ion: 43 Resp: 4269

Ion	Ratio	Lower	Upper
43	100		
58	24.7	0.0	61.4

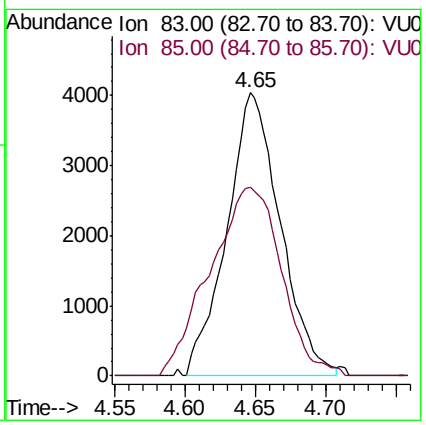


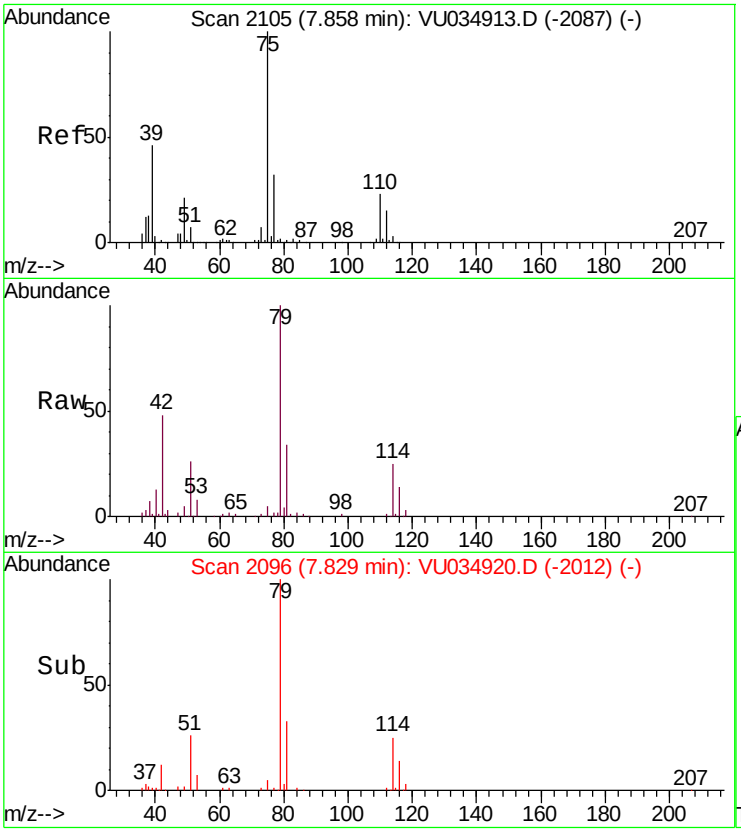


#25
Chloroform
Concen: 1.849 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Tgt Ion: 83 Resp: 10712

Ion	Ratio	Lower	Upper
83	100		
85	66.9	44.2	82.2



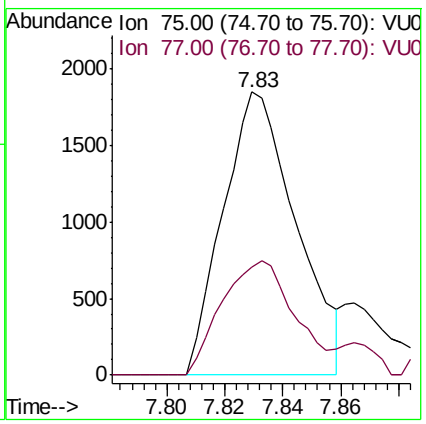


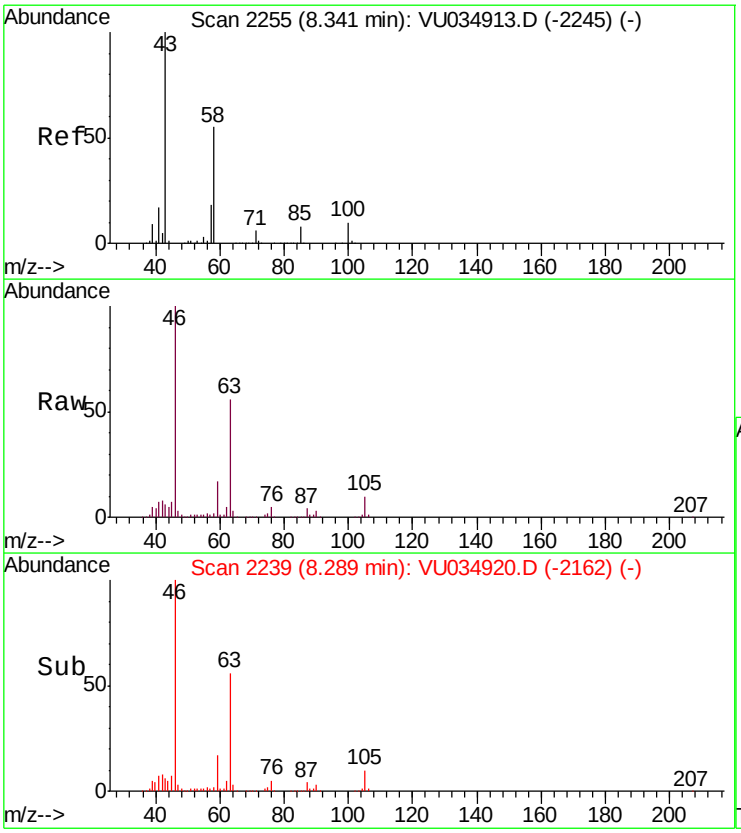
#44
trans-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Instrument :
MSVOA_U
ClientSampleId :
DBAM6

Tgt Ion: 75 Resp: 3223

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.2	41.2

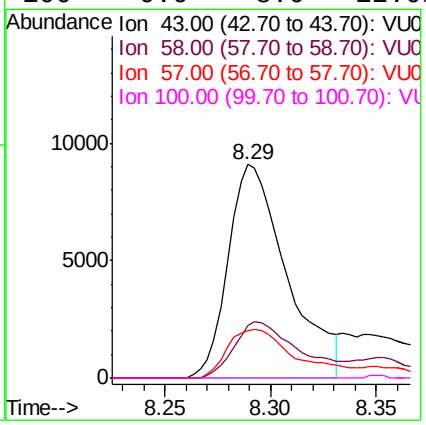


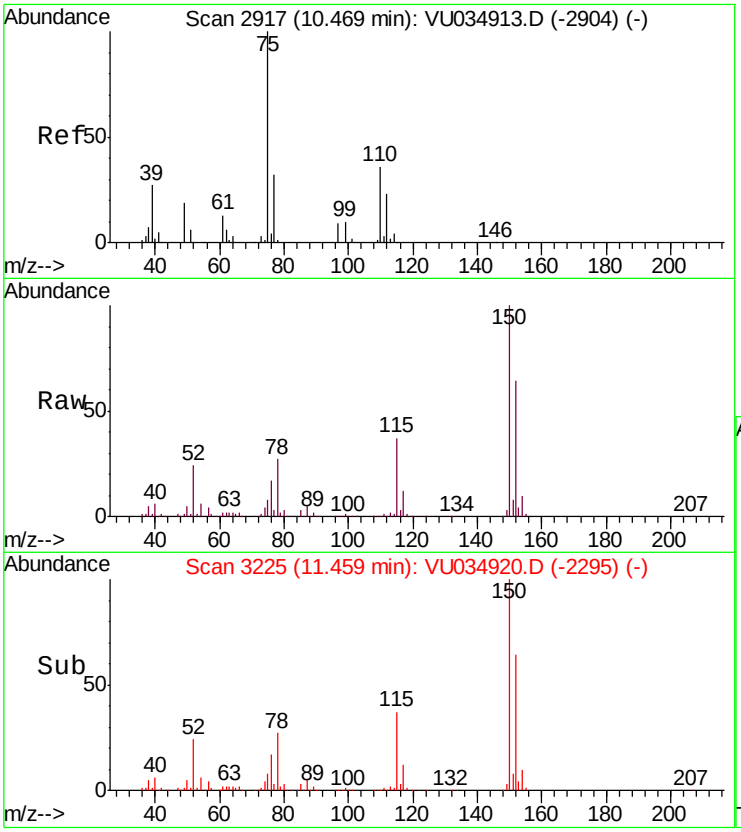


#48
2-Hexanone
Concen: 4.329 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Tgt Ion: 43 Resp: 17640

Ion	Ratio	Lower	Upper
43	100		
58	29.1	40.8	61.2#
57	26.7	14.0	21.0#
100	0.0	8.0	12.0#





#59
1,2,3-Trichloropropane
Concen: 5.002 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034920.D
Acq: 03 Oct 2019 17:43

Instrument :
MSVOA_U
ClientSampleId :
DBAM6

Tgt Ion: 75 Resp: 22317

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.7	38.5