Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

Quantitation Report (Not Reviewed)

Data File : VU031738.D
Acq On : 03 May 2019 10:38
Operator : JC/SP
Sample : K2661-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B39

Quant Time: May 04 02:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	886727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	825092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	339070	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	380815	51.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.62%			
7) Chloroethane-d5	1.68	69	290752	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.27	63	534728	36.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.36%			
21) 2-Butanone-d5	4.19	46	662307	98.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.50%			
24) Chloroform-d	4.64	84	592641	43.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.31	65	399995	45.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.10%			
32) Benzene-d6	5.34	84	1249230	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
36) 1,2-Dichloropropane-d6	6.33	67	425631	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.50%			
41) Toluene-d8	7.56	98	1059899	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.06%			
43) trans-1,3-Dichloropropene-	7.85	79	176002	46.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.00%			
47) 2-Hexanone-d5	8.31	63	415180	107.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.61%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	539324	45.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.16%			
64) 1,2-Dichlorobenzene-d4	11.85	152	336653	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4339	0.610	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3824	0.553	ug/L #	1
13) Acetone	2.35	43	13870	1.831	ug/L	77
20) cis-1,2-Dichloroethene	4.22	96	9550	1.235	ug/L	89
34) Trichloroethene	6.19	95	60198	8.186	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	7175	0.695	ug/L #	75
46) Tetrachloroethene	8.22	164	25743	5.135	ug/L	95
48) 2-Hexanone	8.37	43	14603	1.363	ug/L #	42

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

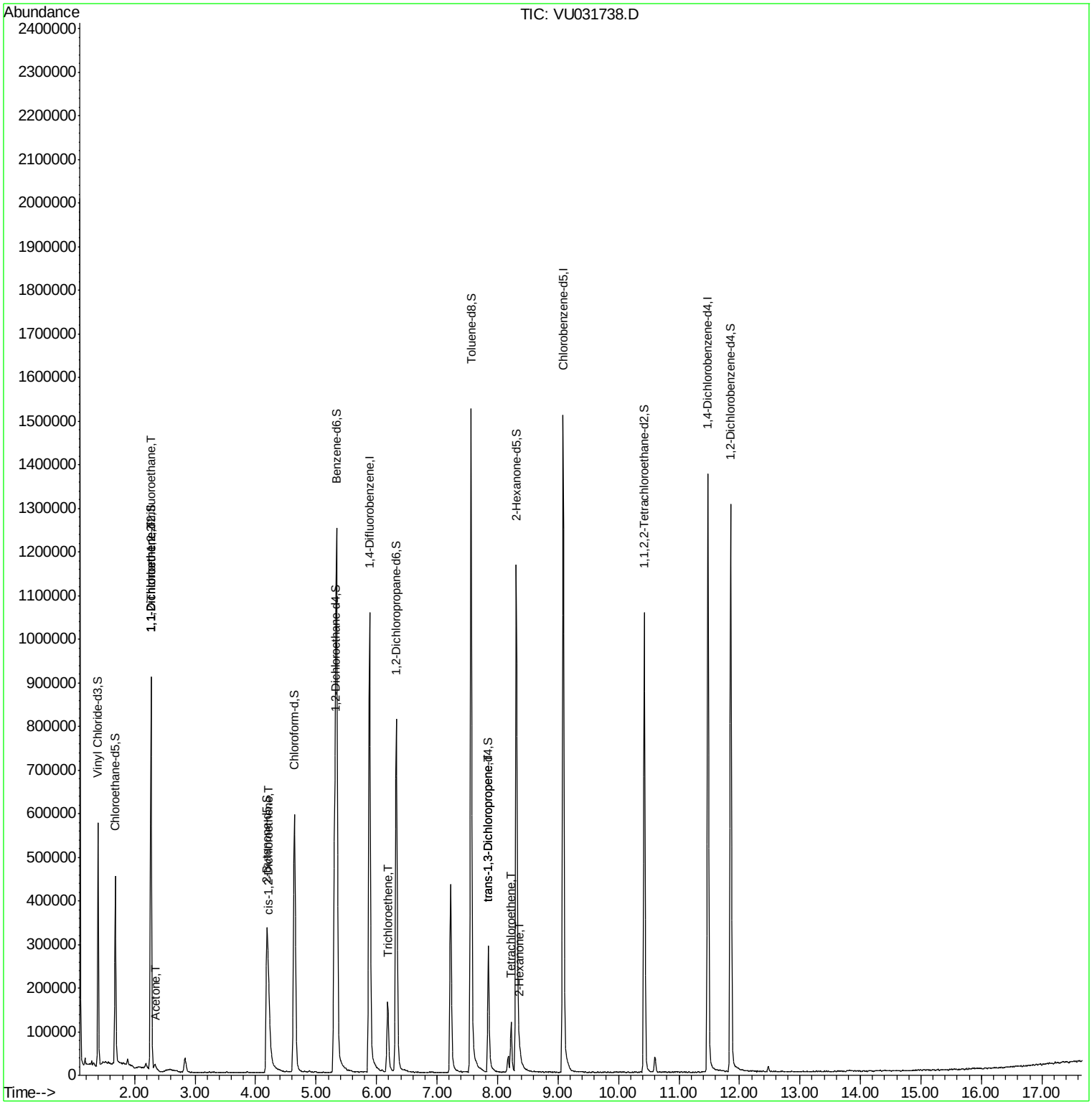
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

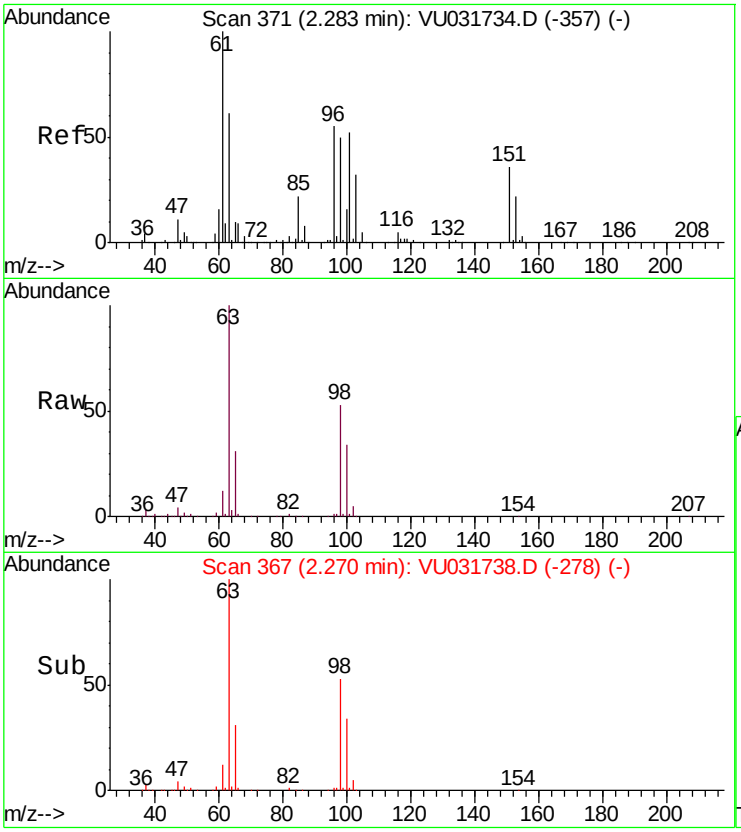
Quantitation Report (Not Reviewed)

Data File : VU031738.D
Acq On : 03 May 2019 10:38
Operator : JC/SP
Sample : K2661-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B39

Quant Time: May 04 02:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration



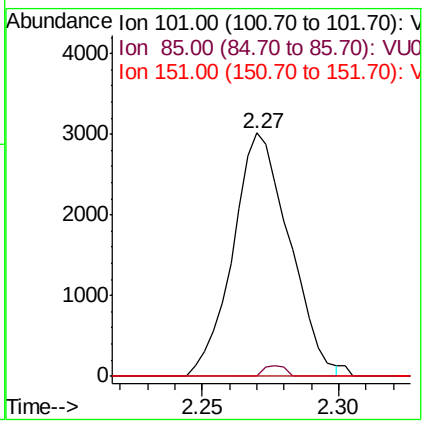


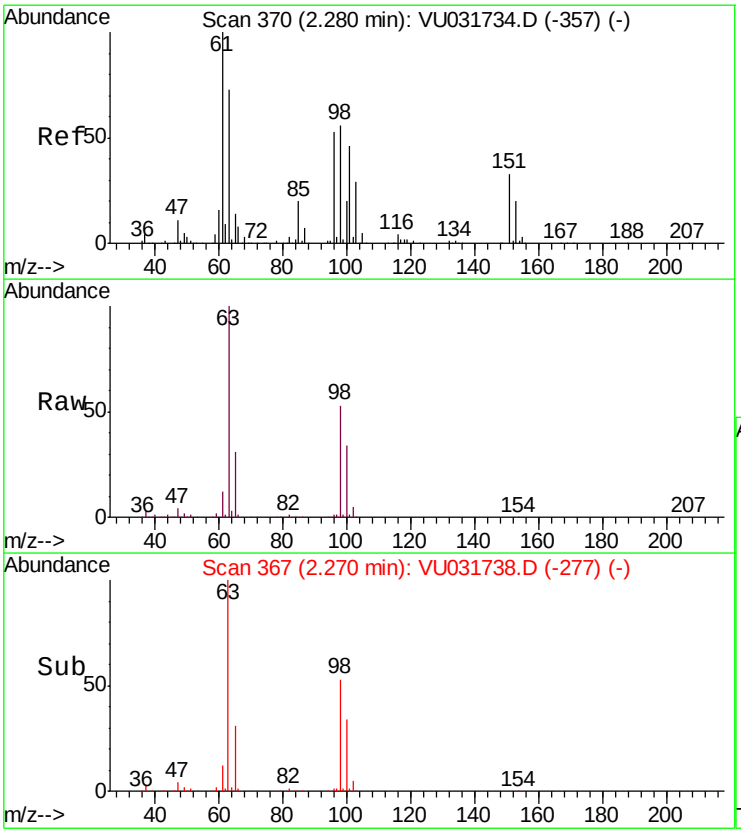
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.610 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Instrument : MSVOA_U
ClientSampleId : C0B39

Tgt Ion:101 Resp: 4339

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	56.1	84.1#

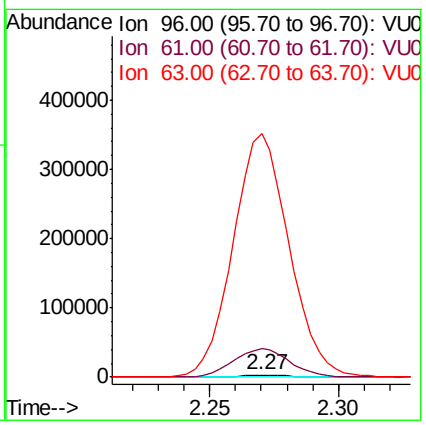


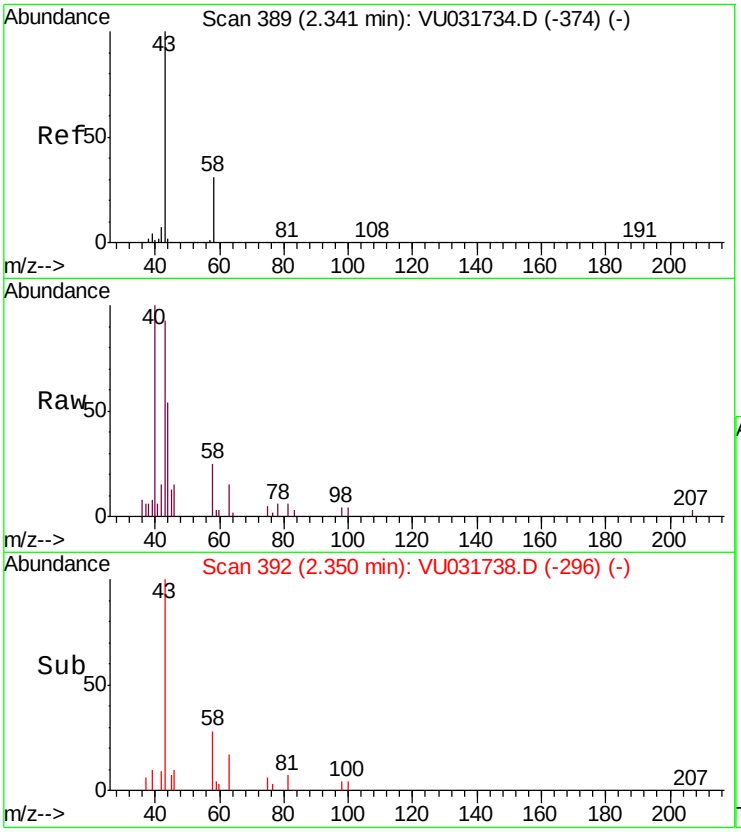


#12
1,1-Dichloroethene
Concen: 0.553 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Tgt Ion: 96 Resp: 3824

Ion	Ratio	Lower	Upper
96	100		
61	1645.3	135.0	250.6#
63	14021.8	103.5	192.3#



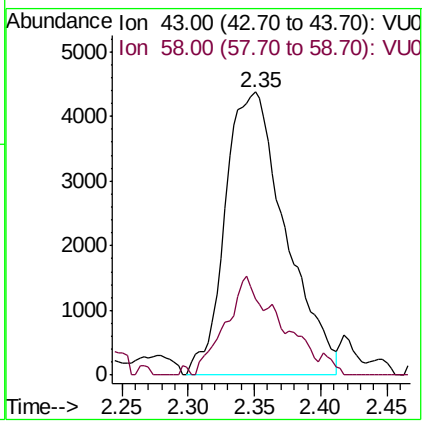


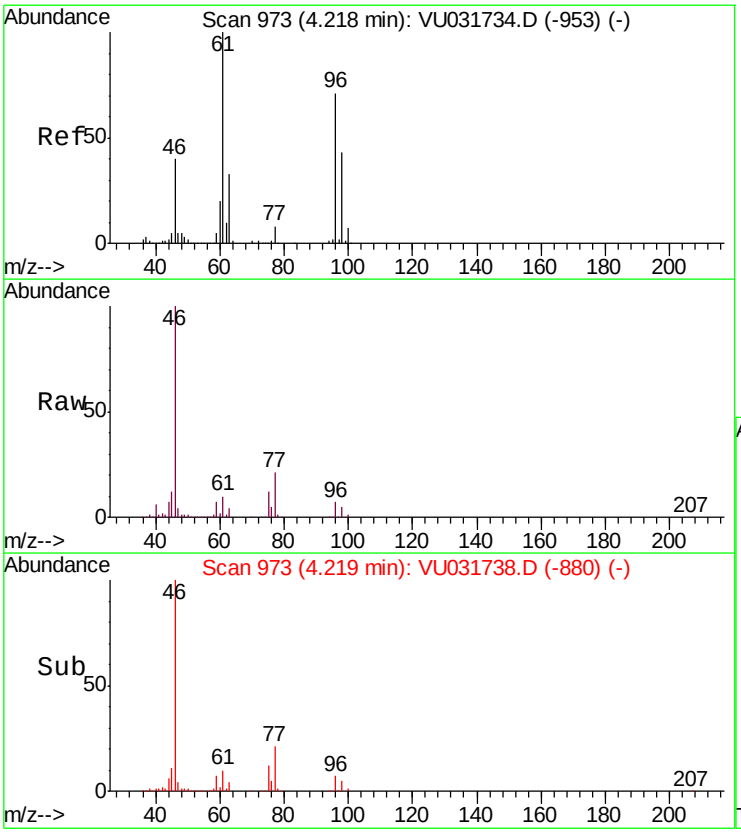
#13
Acetone
Concen: 1.831 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.01 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Tgt Ion: 43 Resp: 13870

Ion	Ratio	Lower	Upper
43	100		
58	19.5	0.0	64.4

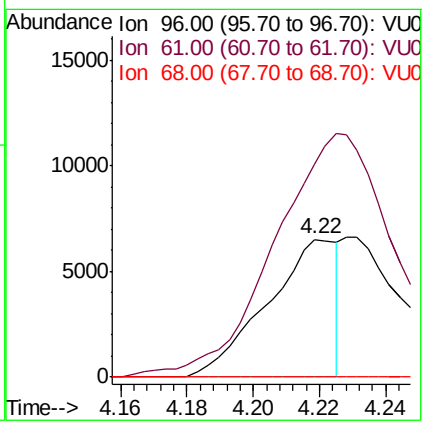


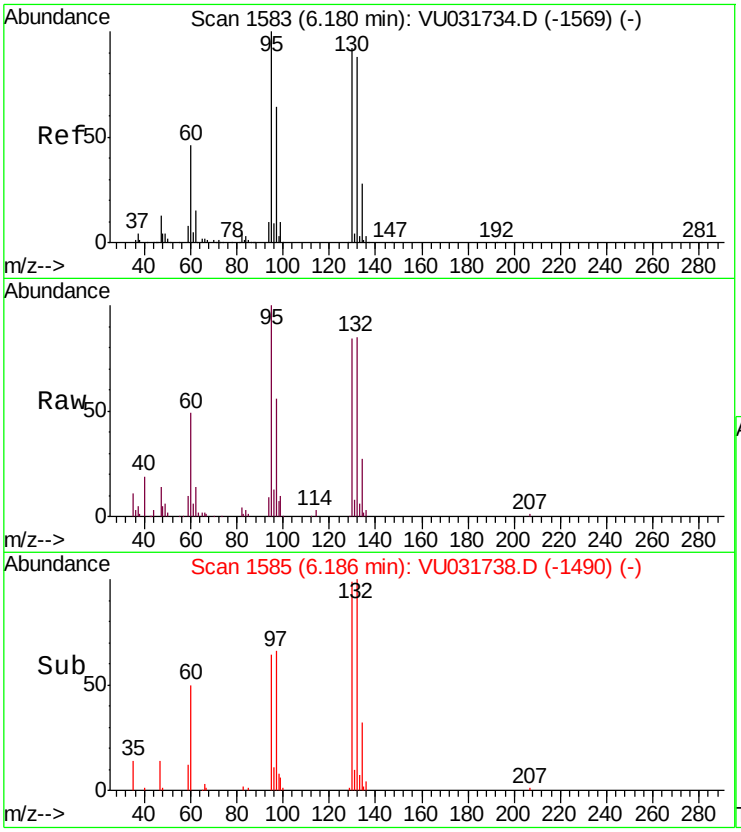


#20
cis-1,2-Dichloroethene
Concen: 1.235 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Tgt Ion: 96 Resp: 9550

Ion	Ratio	Lower	Upper
96	100		
61	155.0	99.5	184.7
68	0.0	0.0	0.0



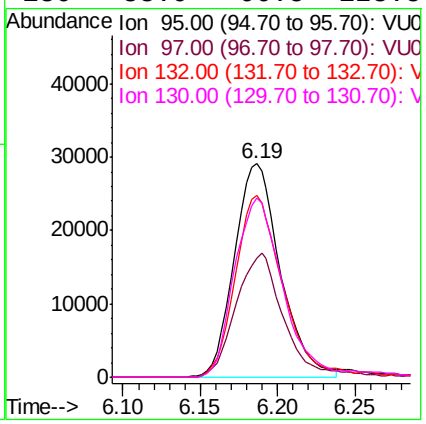


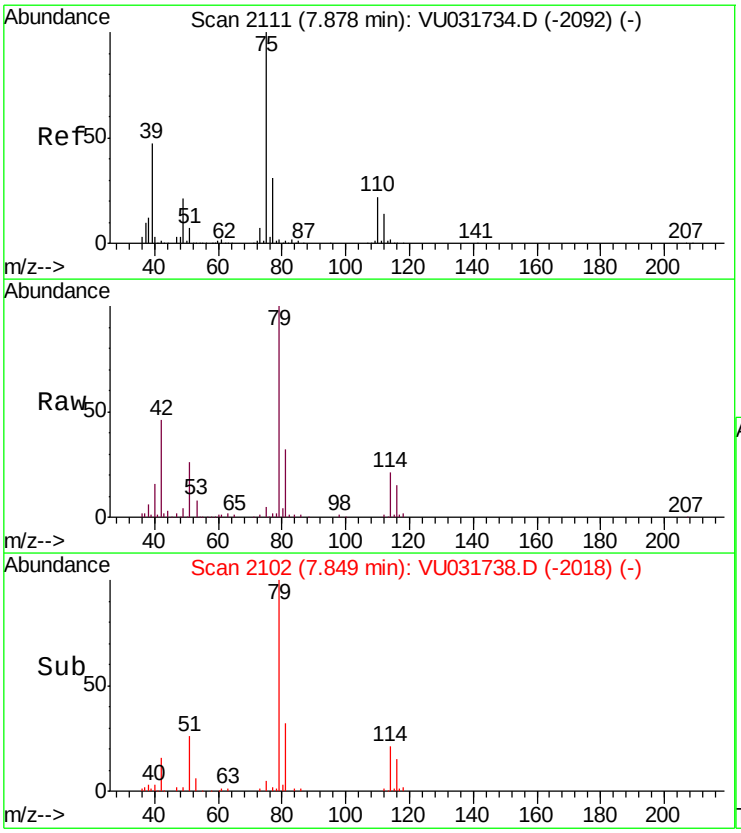
#34
Trichloroethene
Concen: 8.186 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Tgt Ion: 95 Resp: 60198

Ion	Ratio	Lower	Upper
95	100		
97	55.6	44.8	83.2
132	84.9	63.1	117.1
130	83.9	66.5	123.5

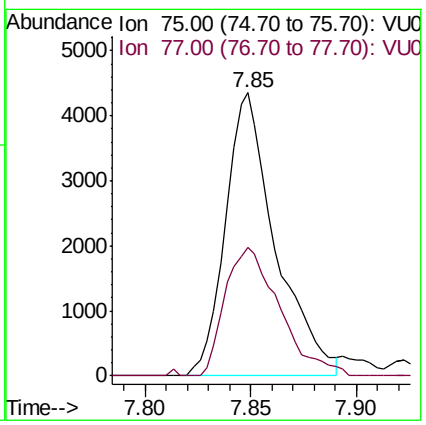


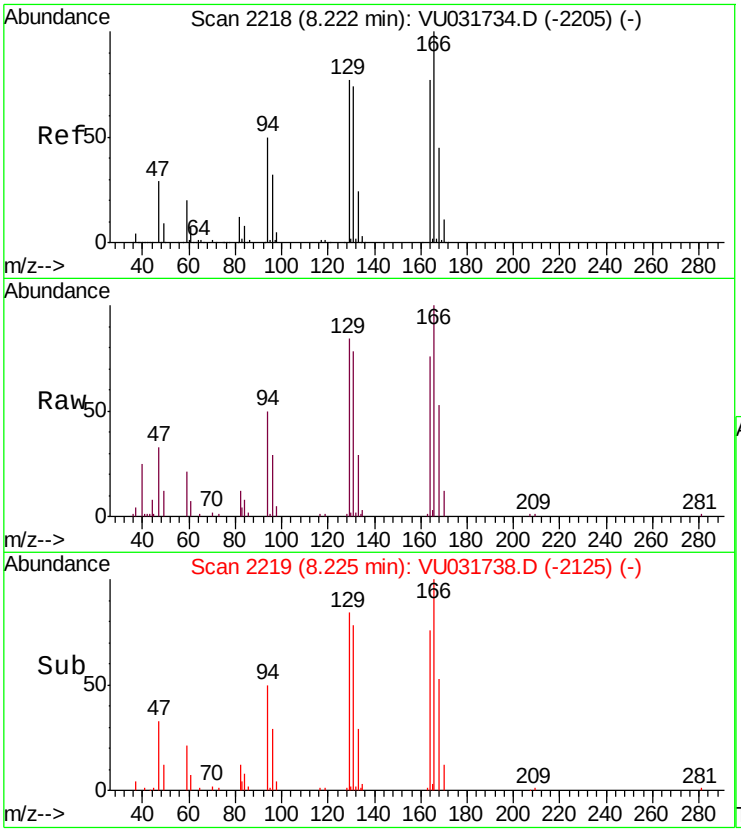


#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Tgt Ion: 75 Resp: 7175

Ion	Ratio	Lower	Upper
75	100		
77	45.6	22.1	41.1#



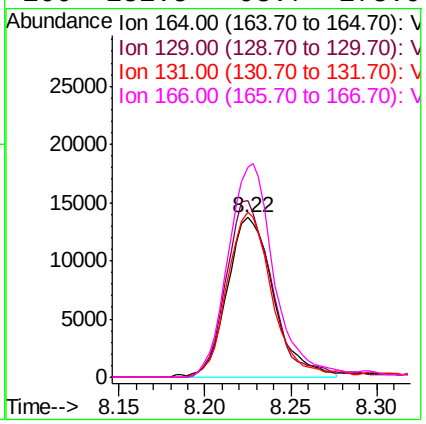


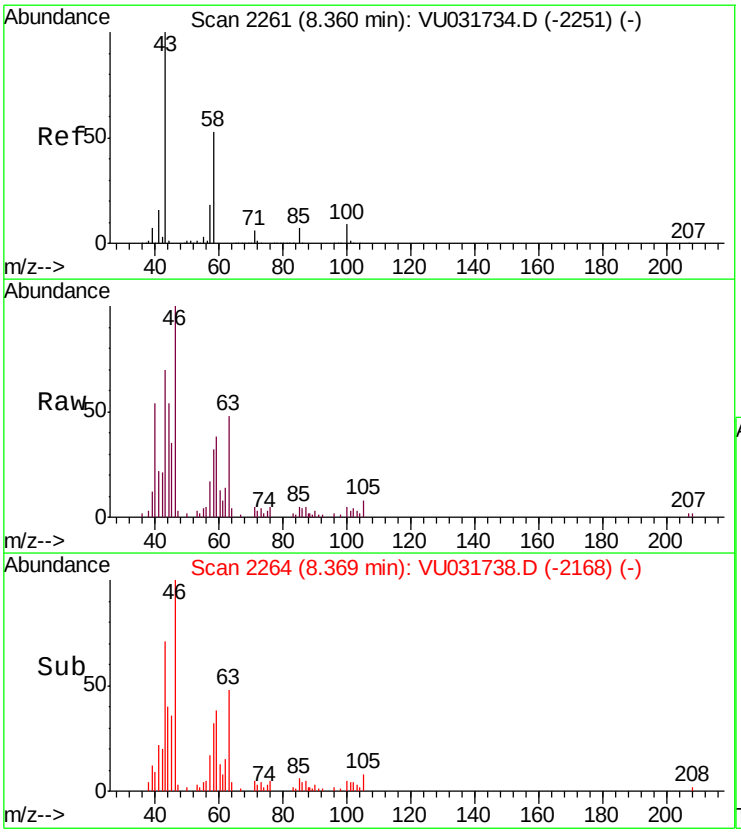
#46
Tetrachloroethene
Concen: 5.135 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Instrument : MSVOA_U
ClientSampleId : C0B39

Tgt Ion:164 Resp: 25743

Ion	Ratio	Lower	Upper
164	100		
129	111.0	71.5	132.9
131	103.2	69.0	128.2
166	131.5	93.7	173.9





#48
2-Hexanone
Concen: 1.363 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031738.D
Acq: 03 May 2019 10:38

Tgt Ion: 43 Resp: 14603

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	4.7	14.6	22.0#
100	2.3	7.2	10.8#