Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\

Quantitation Report (Not Reviewed)

Data File : VU030310.D
Acq On : 22 Mar 2019 16:03
Operator : JC/SP
Sample : VU0322MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK49

Quant Time: Mar 23 04:38:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503697	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486657	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227417	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	156367	45.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.82%			
7) Chloroethane-d5	1.68	69	132702	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.46%			
11) 1,1-Dichloroethene-d2	2.27	63	216048	34.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.54%			
21) 2-Butanone-d5	4.17	46	260490	103.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.09%			
24) Chloroform-d	4.65	84	295340	47.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.50%			
26) 1,2-Dichloroethane-d4	5.31	65	176916	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.24%			
32) Benzene-d6	5.34	84	635318	49.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.08%			
36) 1,2-Dichloropropane-d6	6.33	67	200805	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.22%			
41) Toluene-d8	7.56	98	562758	46.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.34%			
43) trans-1,3-Dichloropropene-	7.85	79	91370	47.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.58%			
47) 2-Hexanone-d5	8.31	63	212715	103.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.37%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299738	49.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	229813	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2365	0.699	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2370	0.705	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	4834	0.838	ug/L #	57
40) 4-Methyl-2-pentanone	7.47	43	4315	0.873	ug/L #	93
44) trans-1,3-Dichloropropene	7.85	75	3239	0.649	ug/L	95
46) Tetrachloroethene	8.22	164	1368	0.438	ug/L	90
48) 2-Hexanone	8.37	43	13448	3.279	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	24790	5.101	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	4691	0.623	ug/L	86
67) 1,3,5-Trichlorobenzene	13.51	180	4744	0.837	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	4744	0.946	ug/L	99
69) Naphthalene	13.75	128	36648	2.304	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	7432	1.420	ug/L #	76

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

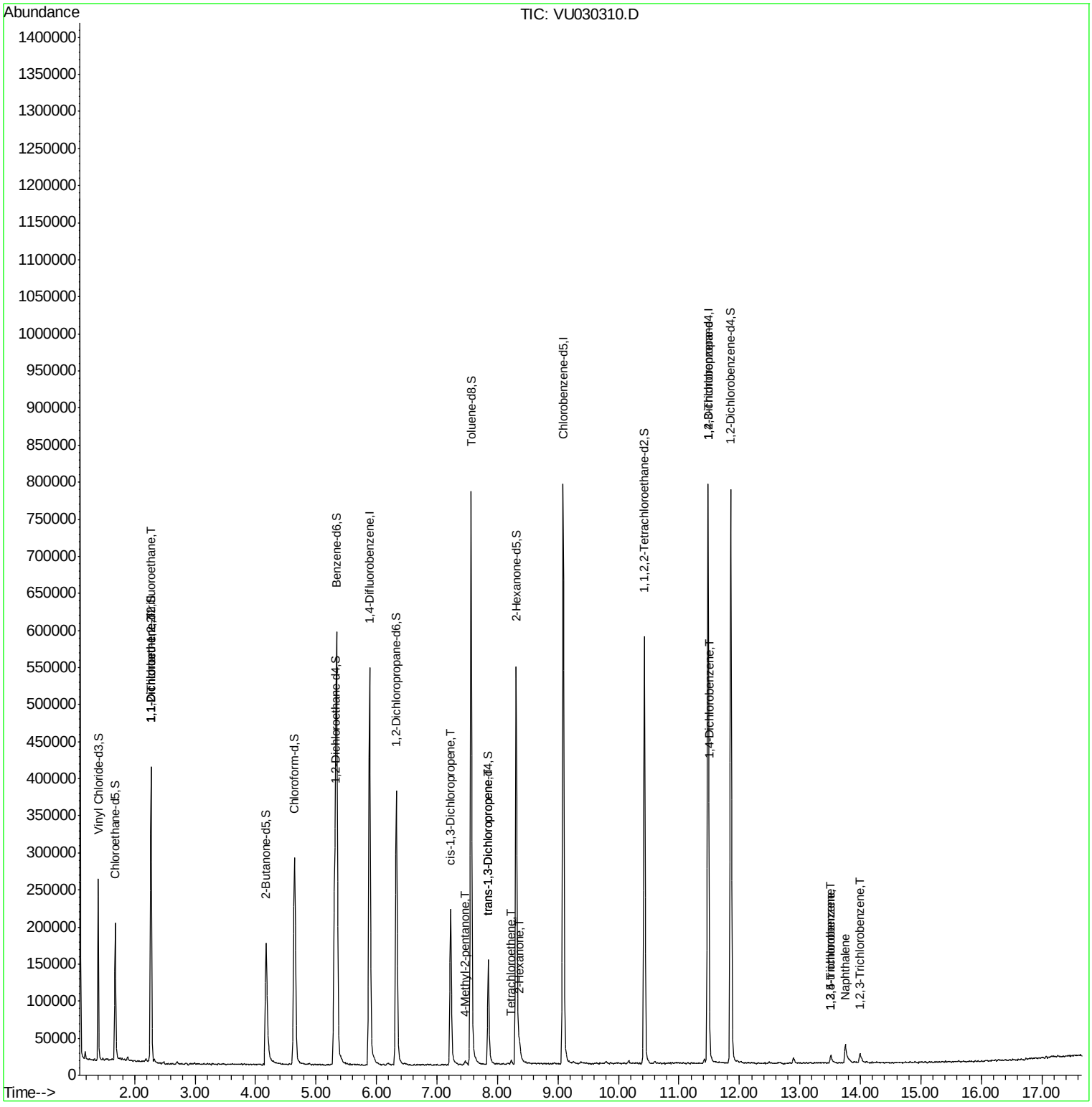
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\

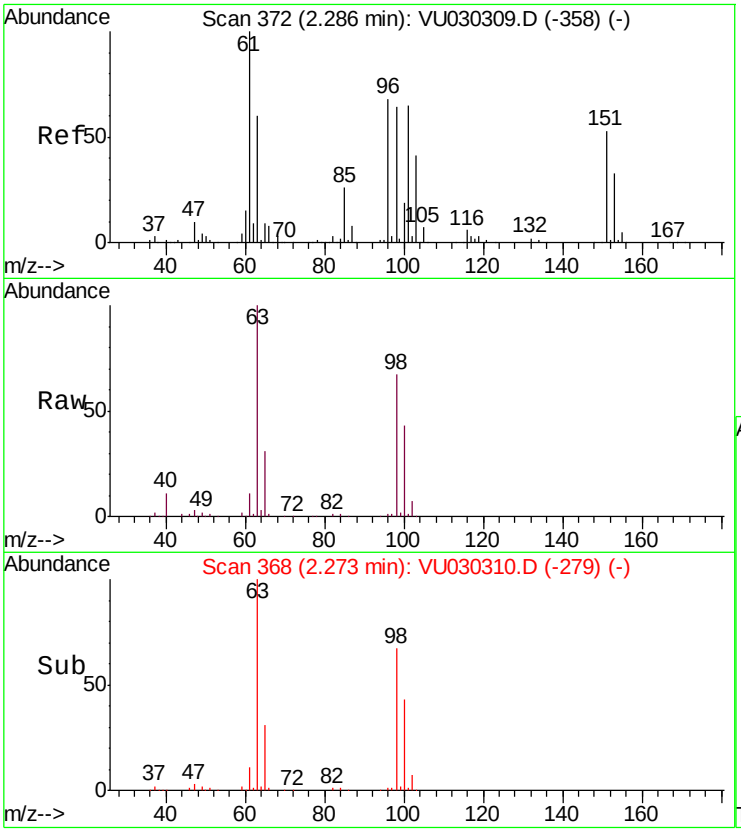
Quantitation Report (Not Reviewed)

Data File : VU030310.D
Acq On : 22 Mar 2019 16:03
Operator : JC/SP
Sample : VU0322MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK49

Quant Time: Mar 23 04:38:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration



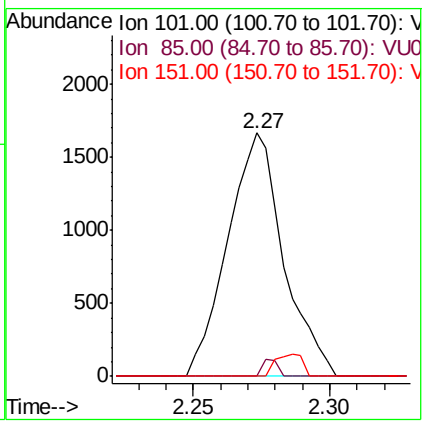


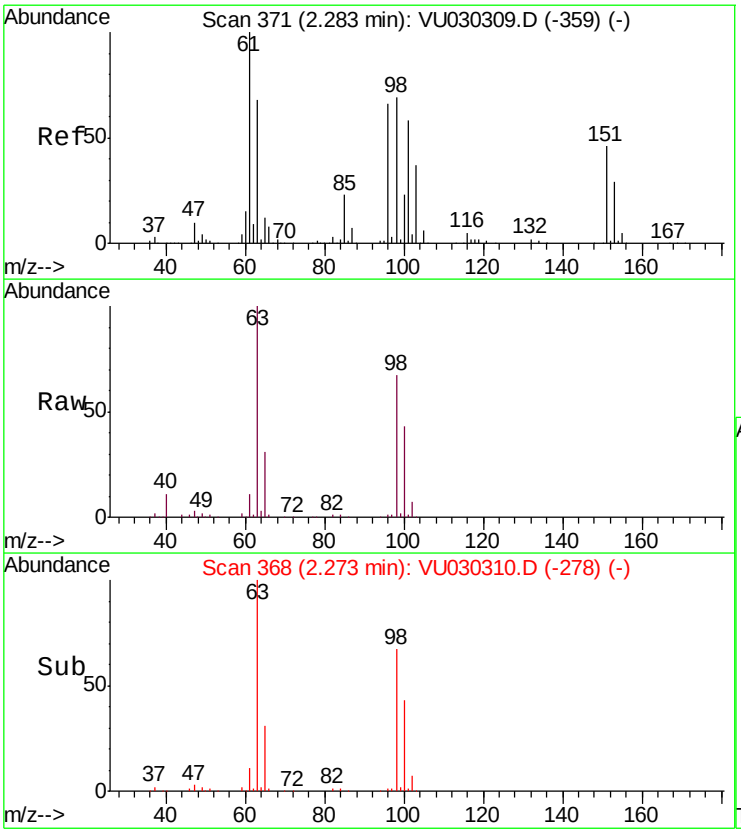
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.699 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion:101 Resp: 2365

Ion	Ratio	Lower	Upper
101	100		
85	1.8	32.5	48.7#
151	4.4	64.7	97.1#

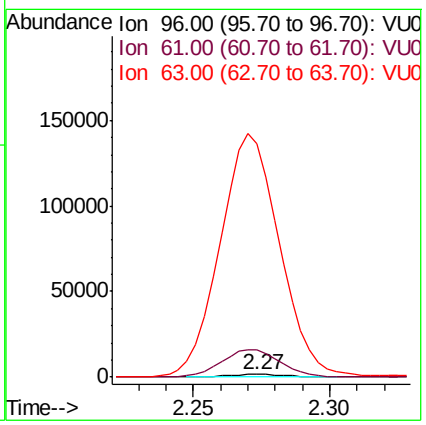


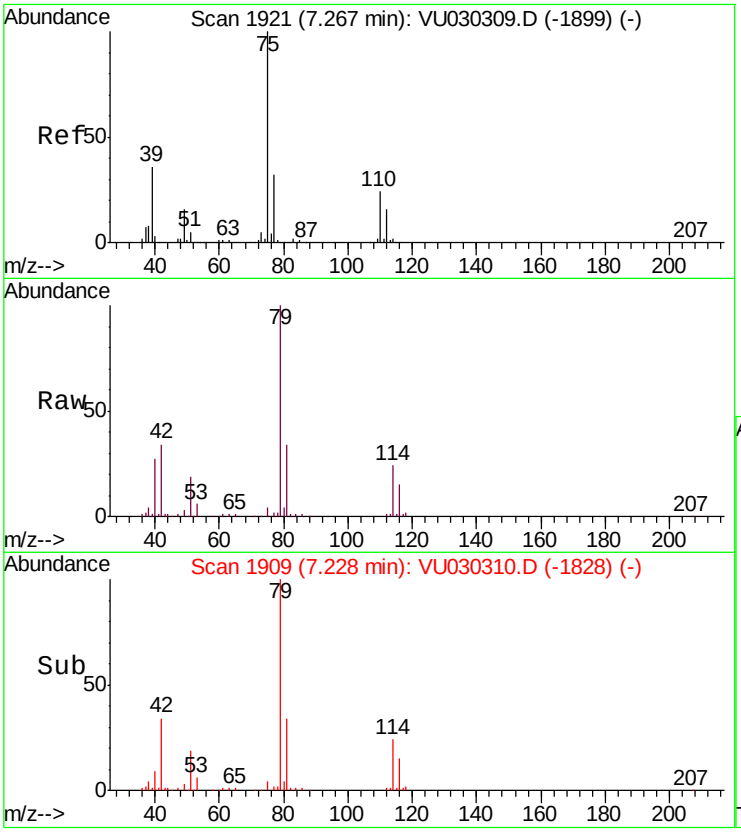


#12
1,1-Dichloroethene
Concen: 0.705 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion: 96 Resp: 2370

Ion	Ratio	Lower	Upper
96	100		
61	1023.4	104.6	194.2#
63	8942.4	77.2	143.4#



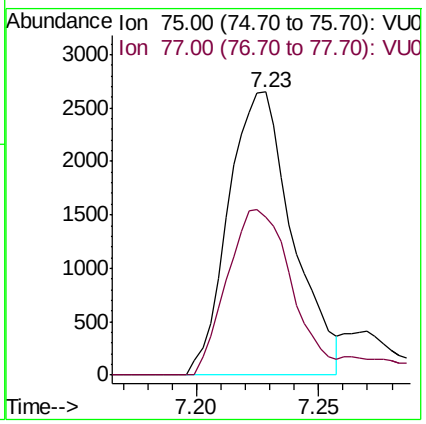


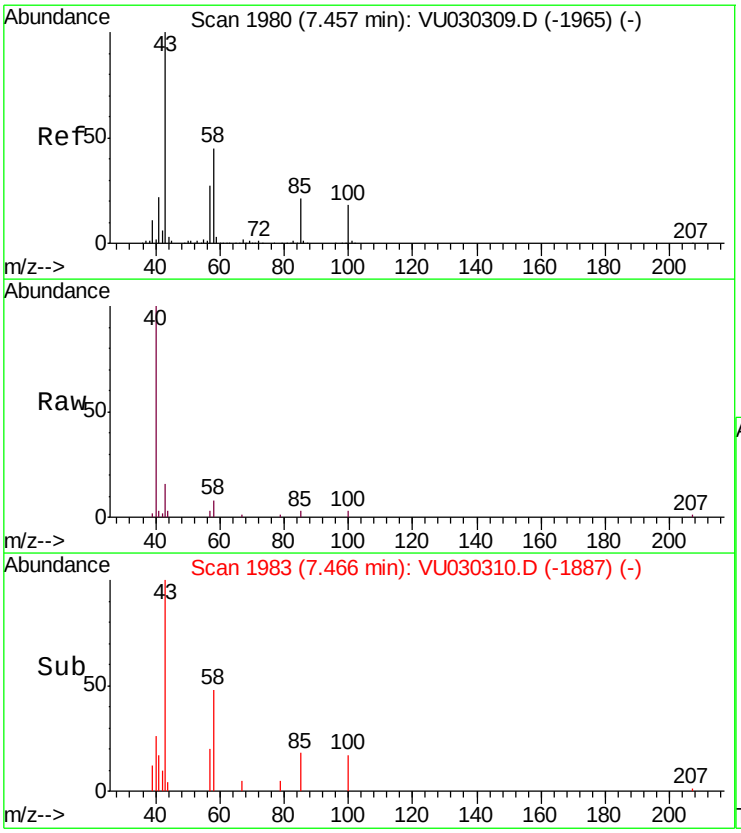
#39
cis-1,3-Dichloropropene
Concen: 0.838 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 75 Resp: 4834

Ion	Ratio	Lower	Upper
75	100		
77	55.7	22.1	41.1#

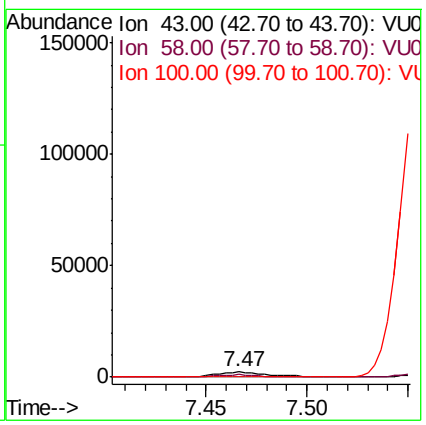


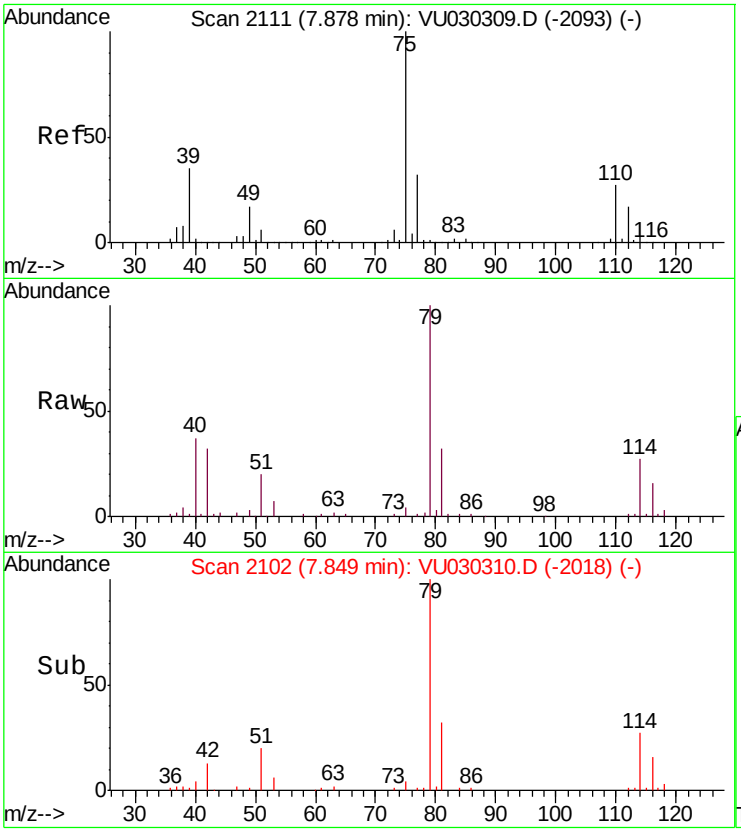


#40
4-Methyl-2-pentanone
Concen: 0.873 ug/L
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion: 43 Resp: 4315

Ion	Ratio	Lower	Upper
43	100		
58	39.2	34.4	51.6
100	13.1	13.9	20.9#



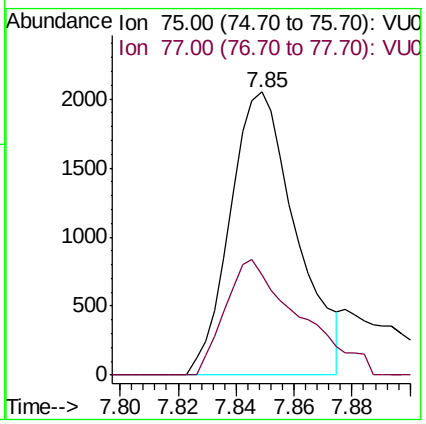


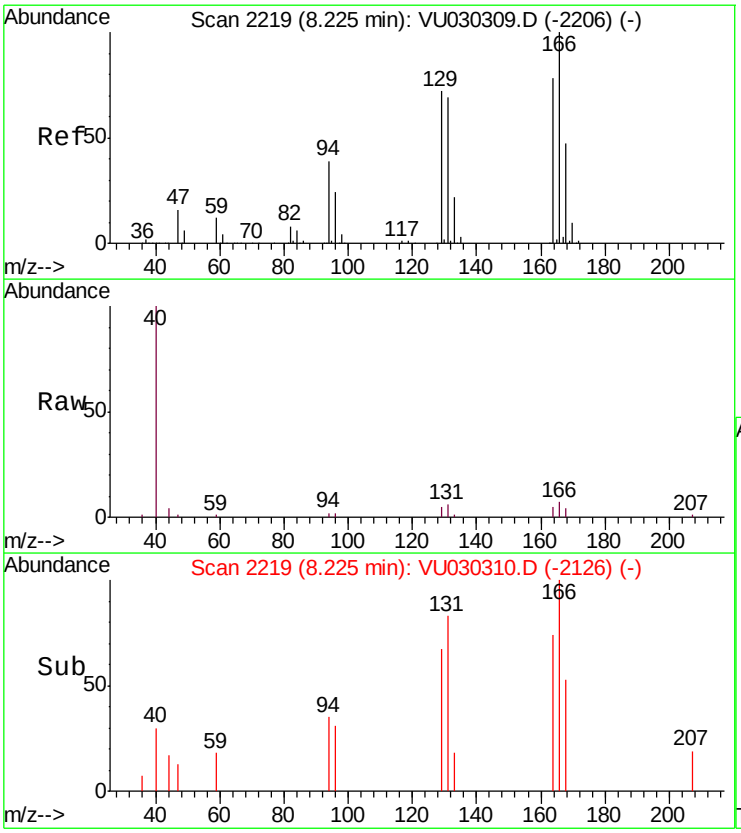
#44
trans-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 75 Resp: 3239

Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.7	42.1

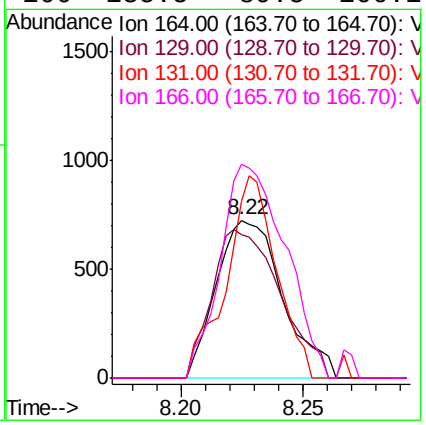


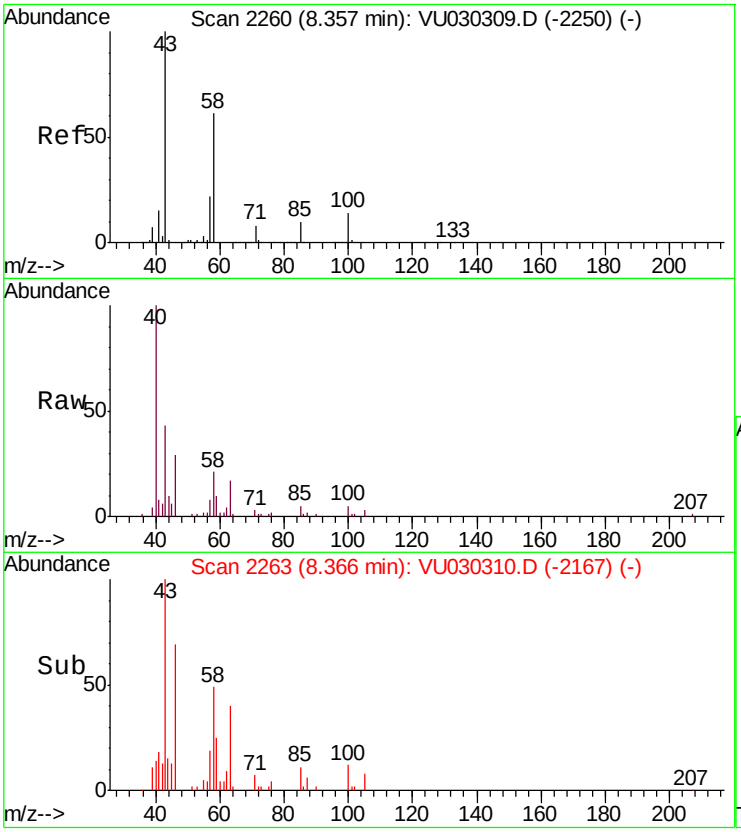


#46
Tetrachloroethene
Concen: 0.438 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion:164 Resp: 1368

Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.4	119.6
131	112.4	63.2	117.4
166	135.5	89.5	166.1



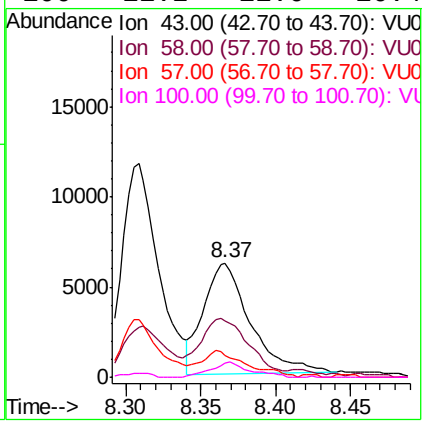


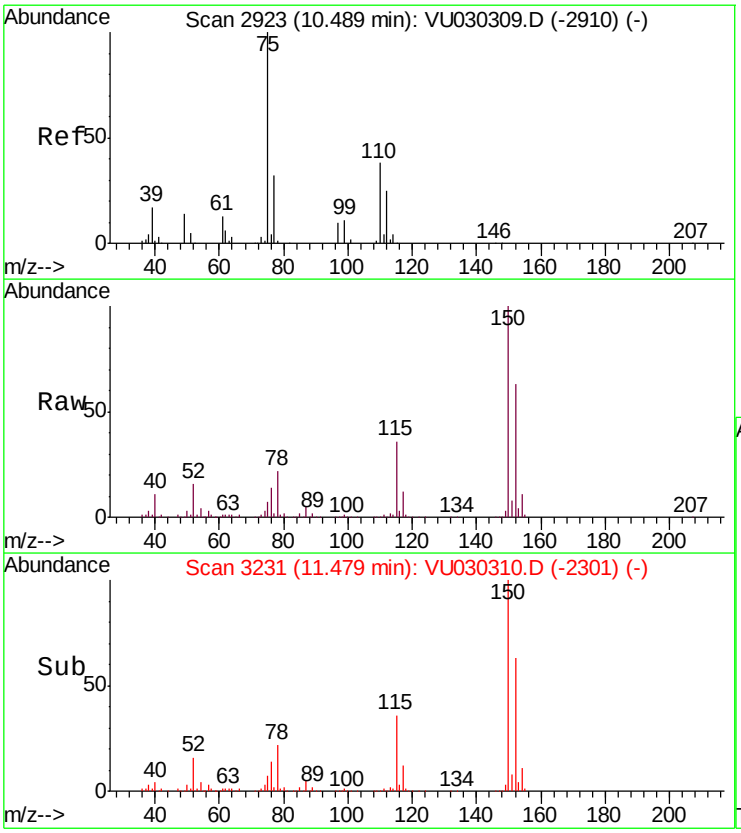
#48
2-Hexanone
Concen: 3.279 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument : MSVOA_U
ClientSampleId : VBLK49

Tgt Ion: 43 Resp: 13448

Ion	Ratio	Lower	Upper
43	100		
58	55.9	49.3	73.9
57	13.7	17.0	25.4#
100	11.2	11.0	16.4

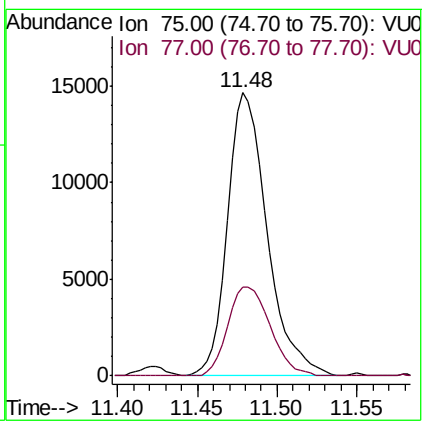


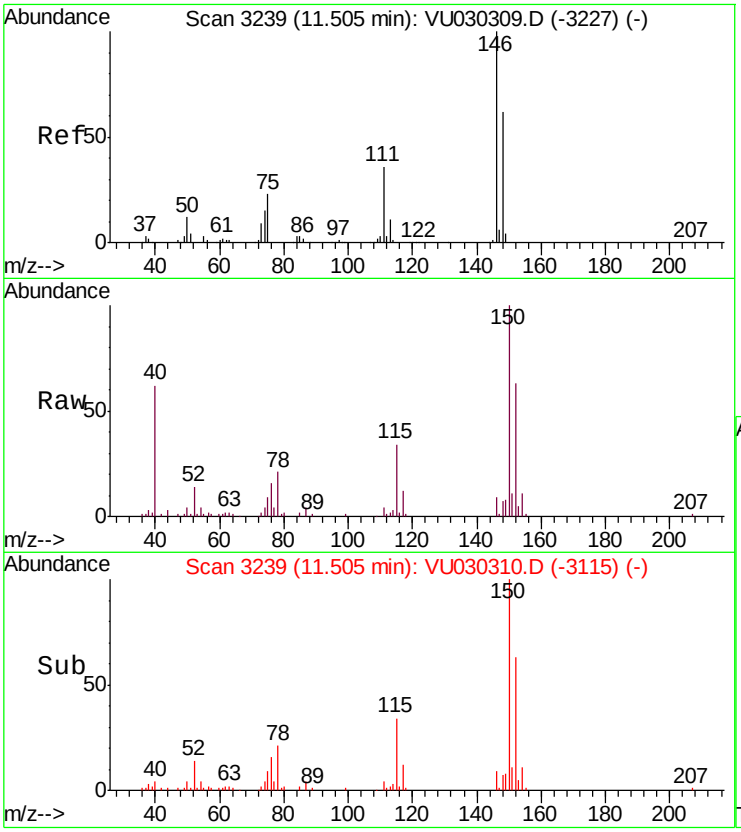


#59
1,2,3-Trichloropropane
Concen: 5.101 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion: 75 Resp: 24790

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.8	38.8



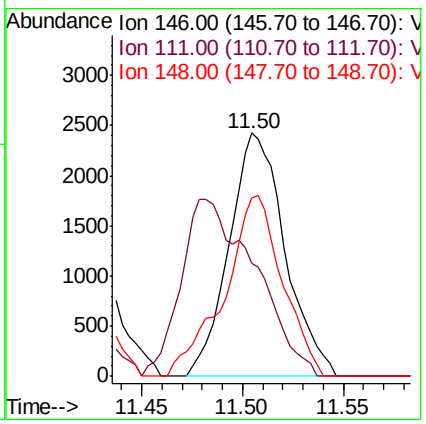


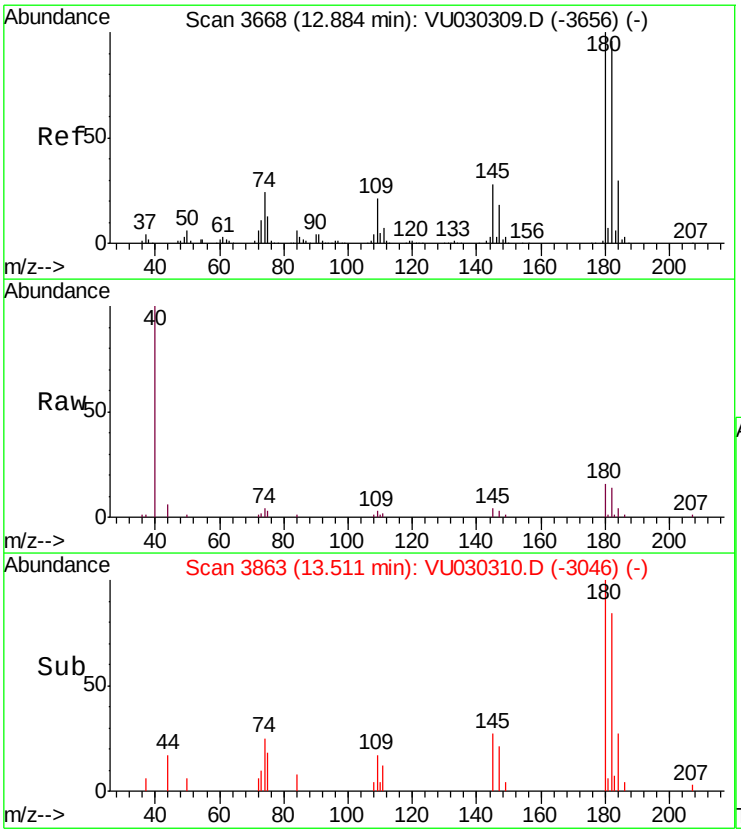
#63
1,4-Dichlorobenzene
Concen: 0.623 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument : MSVOA_U
ClientSampleId : VBLK49

Tgt Ion:146 Resp: 4691

Ion	Ratio	Lower	Upper
146	100		
111	46.2	25.3	46.9
148	73.5	44.7	82.9

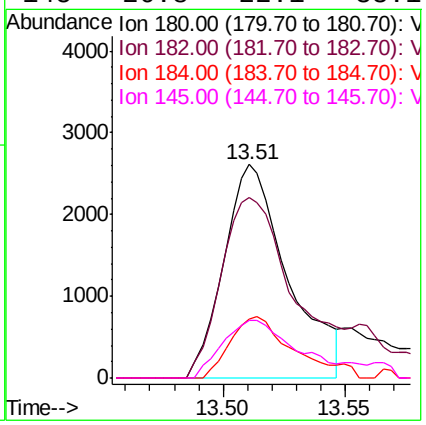


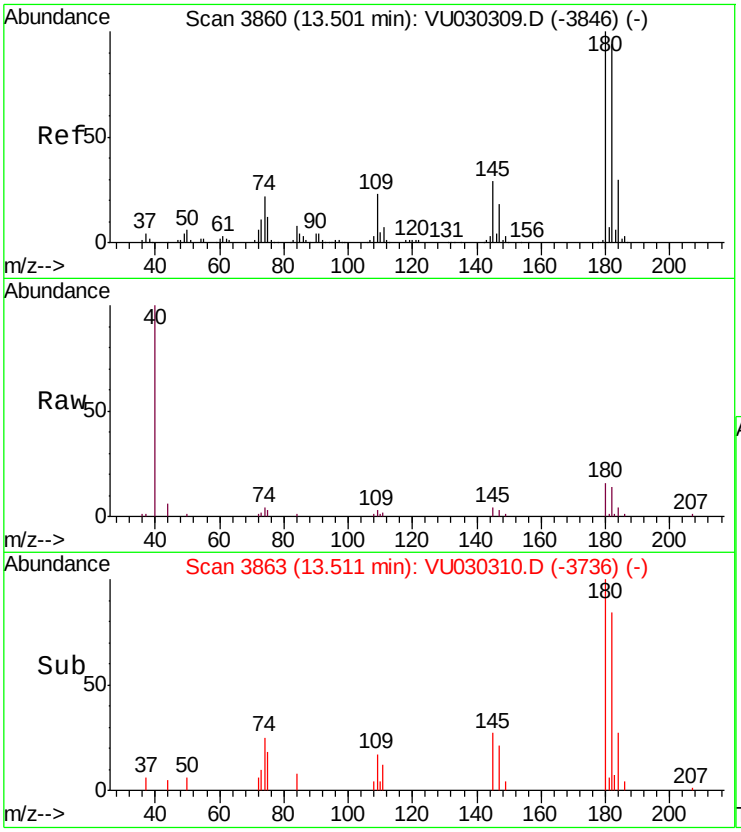


#67
1,3,5-Trichlorobenzene
Concen: 0.837 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. 0.63 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion:180 Resp: 4744

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
184	26.5	24.2	36.4
145	26.8	22.1	33.1



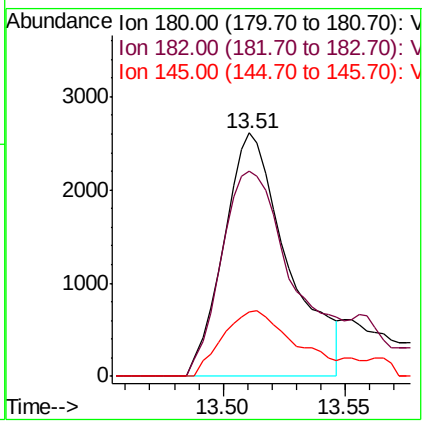


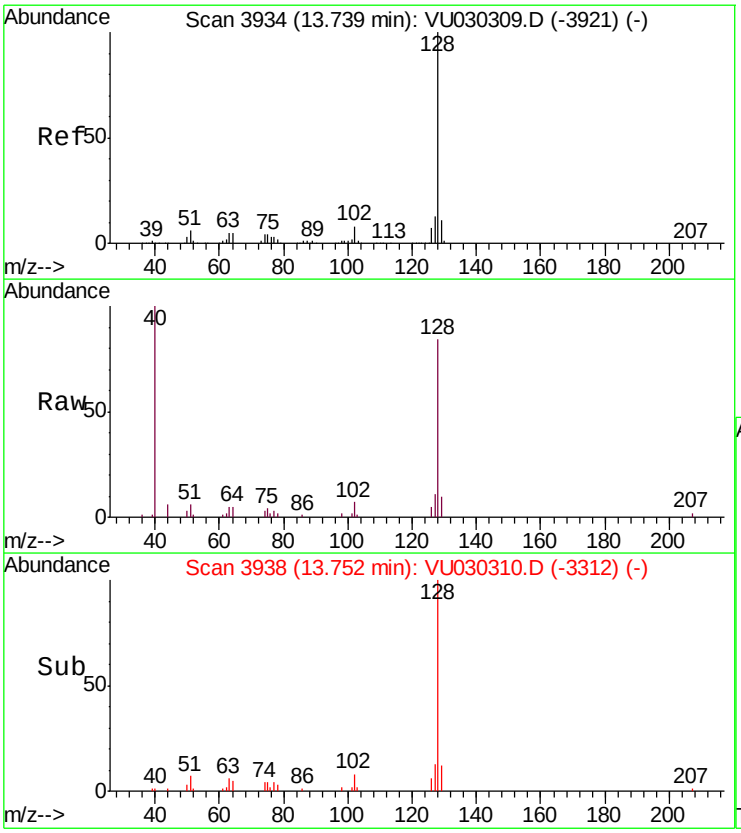
#68
1,2,4-trichlorobenzene
Concen: 0.946 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. 0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion:180 Resp: 4744

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	26.8	22.7	34.1

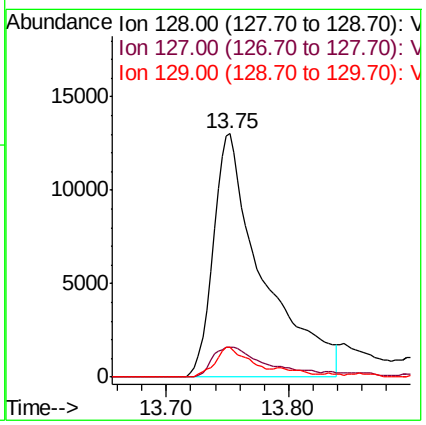


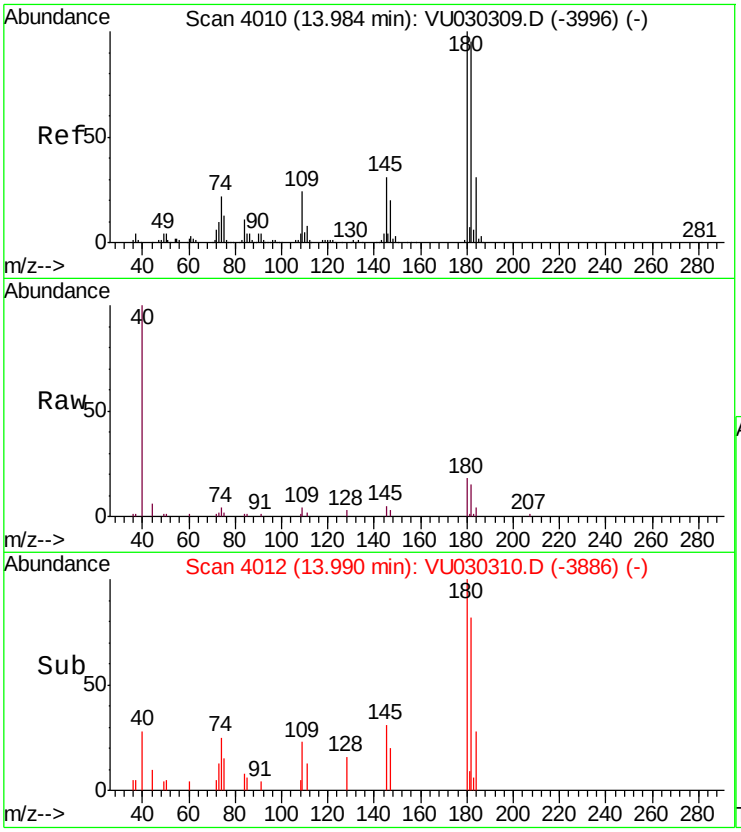


#69
Naphthalene
Concen: 2.304 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. 0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Tgt Ion:128 Resp: 36648

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	8.7	8.5	12.7





#70
1,2,3-Trichlorobenzene
Concen: 1.420 ug/L
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU030310.D
Acq: 22 Mar 2019 16:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion:180 Resp: 7432

Ion	Ratio	Lower	Upper
180	100		
182	65.4	75.9	113.9#
145	27.0	24.1	36.1