Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030423.D
Acq On : 25 Mar 2019 23:26
Operator : JC/SP
Sample : K2070-05DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09A8

Quant Time: Mar 26 01:33:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182717	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	198099	51.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.72%			
7) Chloroethane-d5	1.68	69	154048	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.78%			
11) 1,1-Dichloroethene-d2	2.27	63	264775	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.38%			
21) 2-Butanone-d5	4.17	46	316853	87.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.38%			
24) Chloroform-d	4.64	84	307308	46.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.48%			
26) 1,2-Dichloroethane-d4	5.31	65	206255	47.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.86%			
32) Benzene-d6	5.34	84	642758	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.90%			
36) 1,2-Dichloropropane-d6	6.33	67	223603	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.58%			
41) Toluene-d8	7.56	98	557304	48.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.44%			
43) trans-1,3-Dichloropropene-	7.85	79	92473	44.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.34%			
47) 2-Hexanone-d5	8.31	63	199435	83.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.59%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289759	45.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	183891	50.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.46%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2259	0.646	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1924	0.561	ug/L #	1
13) Acetone	2.32	43	2212	0.603	ug/L	50
27) 1,2-Dichloroethane	5.39	62	6913	1.255	ug/L #	75
33) Benzene	5.39	78	792901	51.906	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5112	0.820	ug/L #	48
51) Chlorobenzene	9.12	112	803129	83.588	ug/L	99
59) 1,2,3-Trichloropropane	11.41	75	4915	0.931	ug/L #	44
62) 1,3-Dichlorobenzene	11.41	146	13873	2.322	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	230563	37.481	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	199882	33.082	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	9918	2.217	ug/L #	88
68) 1,2,4-trichlorobenzene	13.51	180	9918	2.552	ug/L #	88

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

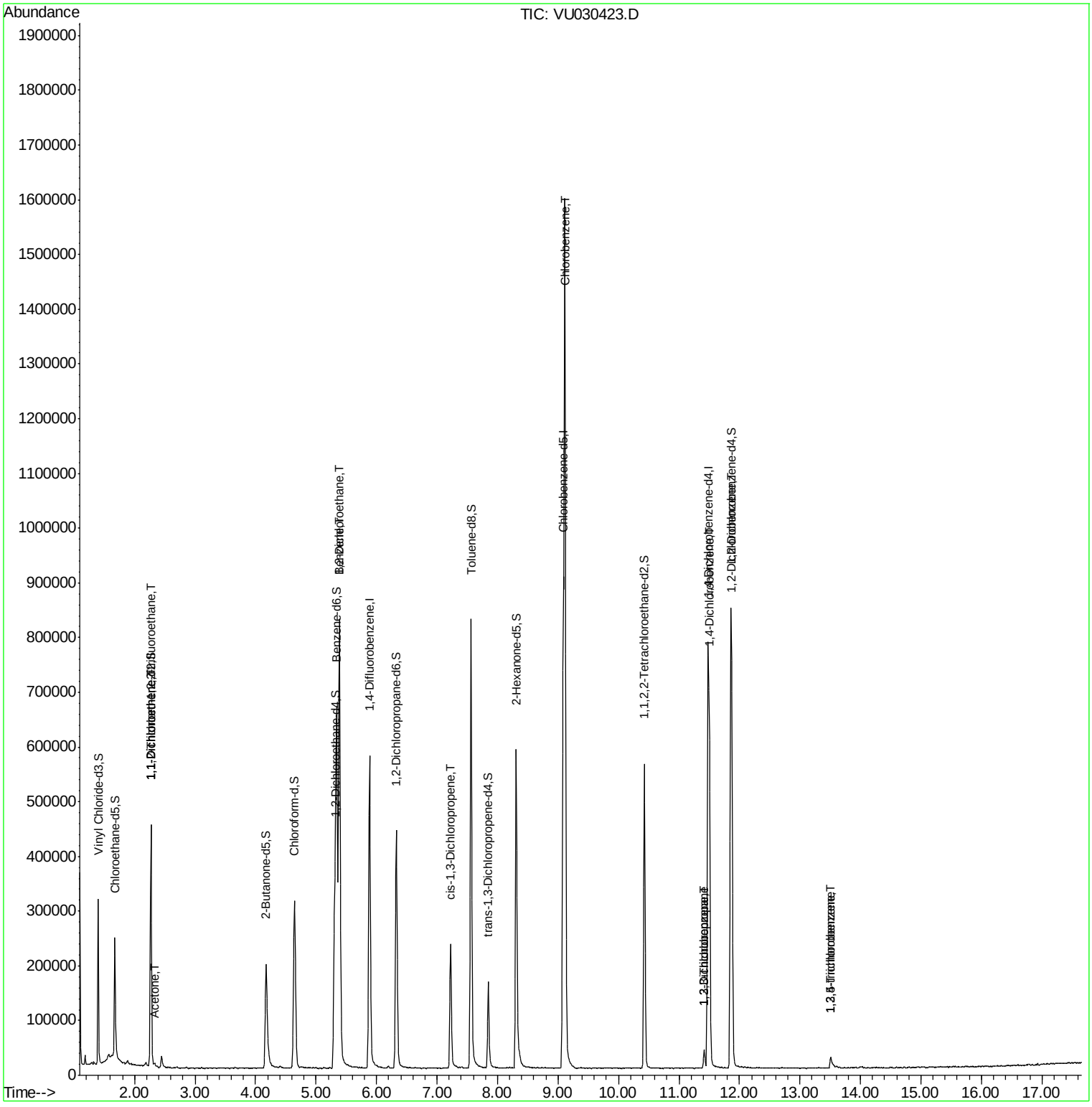
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

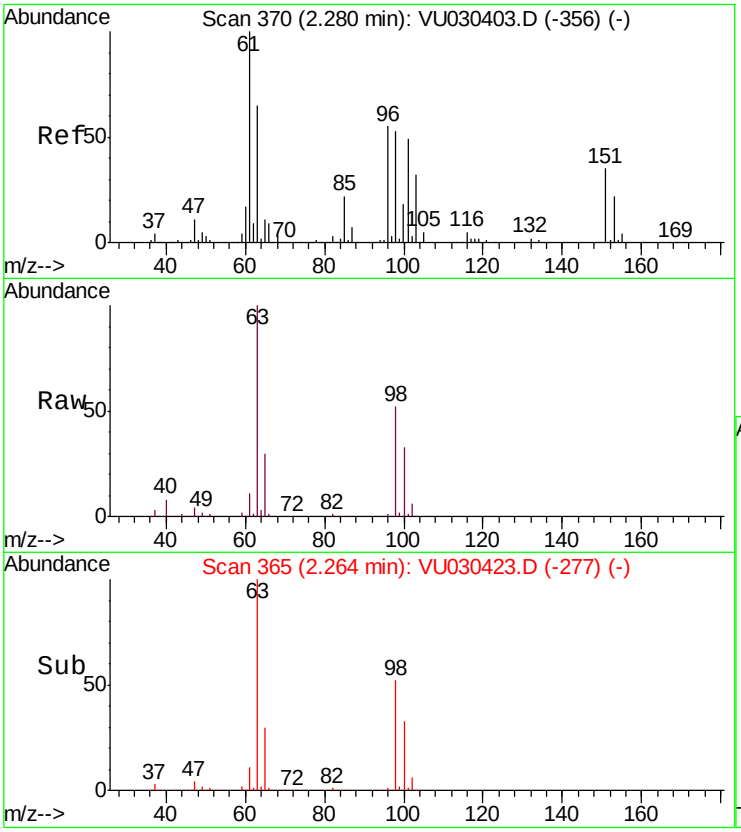
Quantitation Report (Not Reviewed)

Data File : VU030423.D
Acq On : 25 Mar 2019 23:26
Operator : JC/SP
Sample : K2070-05DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Quant Time: Mar 26 01:33:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



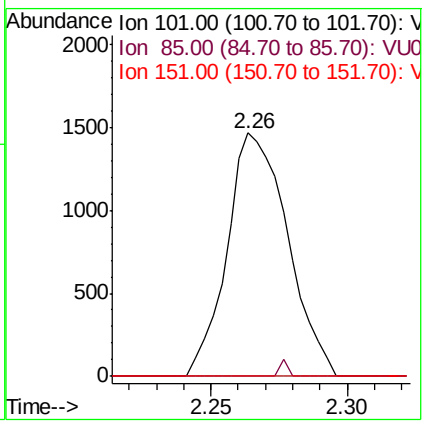


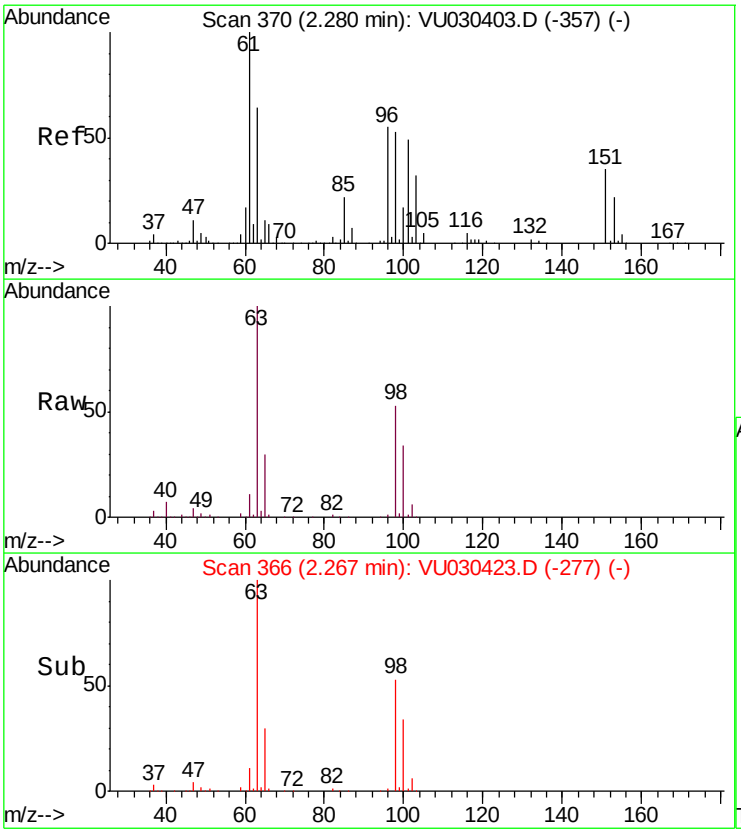
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion:101 Resp: 2259

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

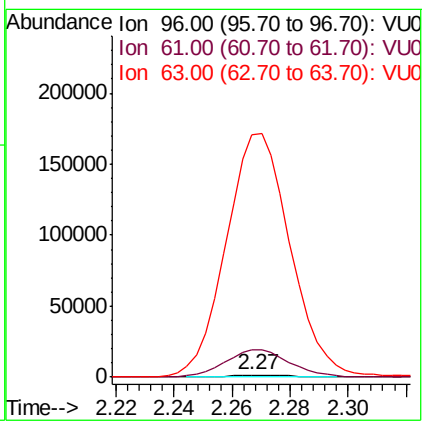


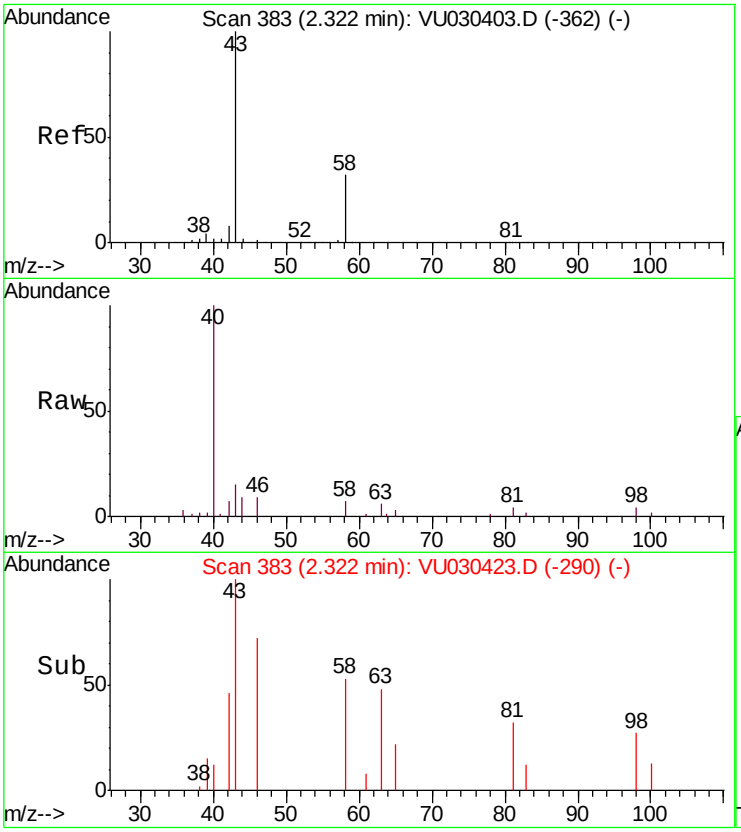


#12
1,1-Dichloroethene
Concen: 0.561 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion: 96 Resp: 1924

Ion	Ratio	Lower	Upper
96	100		
61	1588.0	131.0	243.4#
63	14229.3	92.4	171.6#



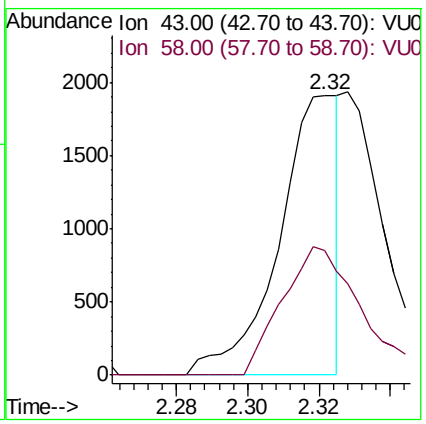


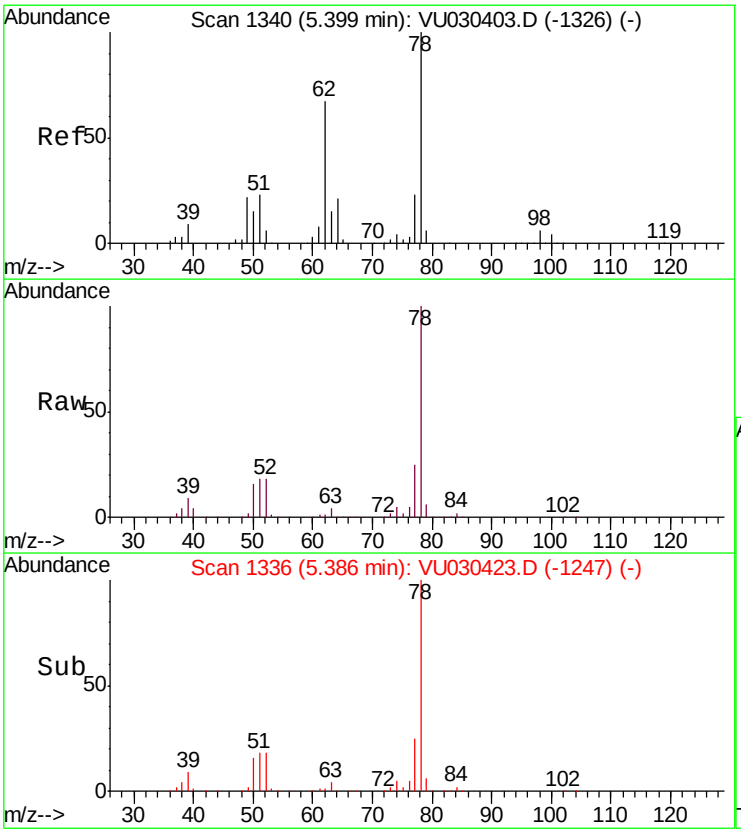
#13
Acetone
Concen: 0.603 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion: 43 Resp: 2212

Ion	Ratio	Lower	Upper
43	100		
58	58.8	0.0	62.8

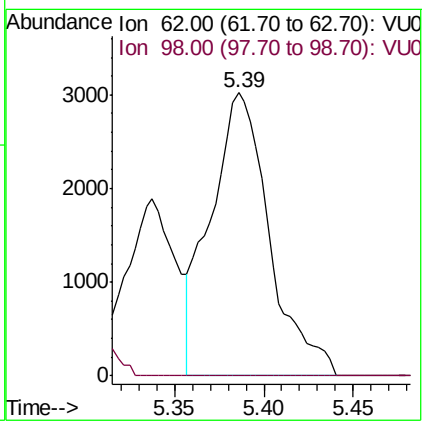


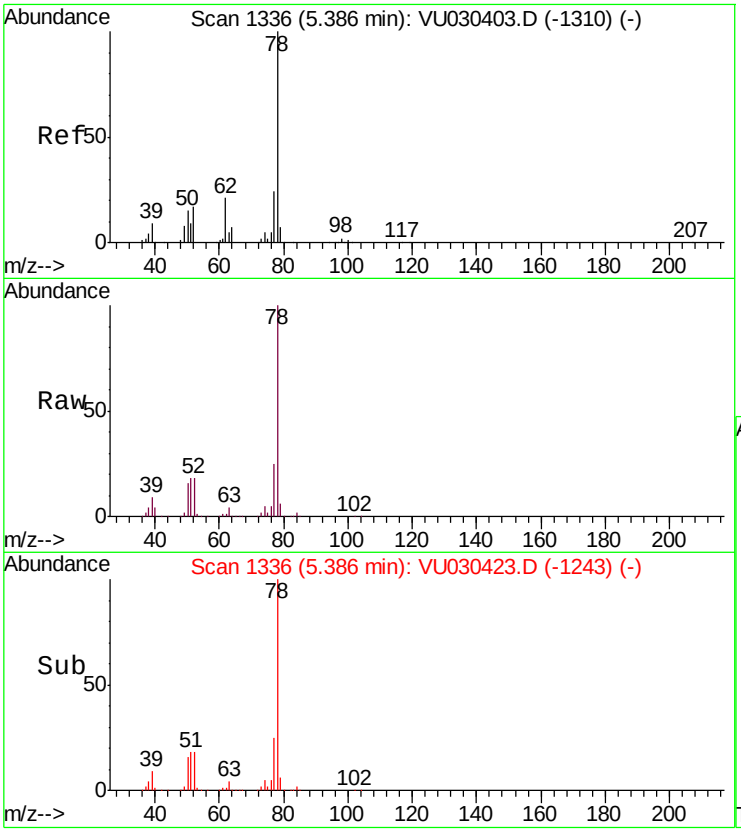


#27
1,2-Dichloroethane
Concen: 1.255 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion: 62 Resp: 6913

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

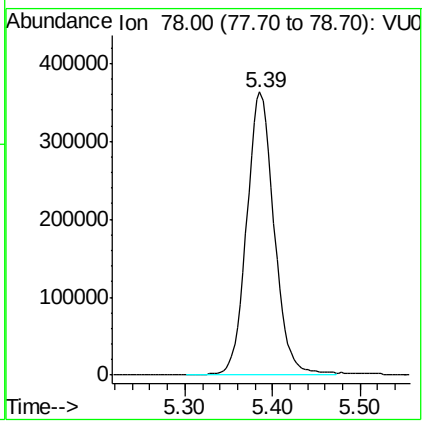


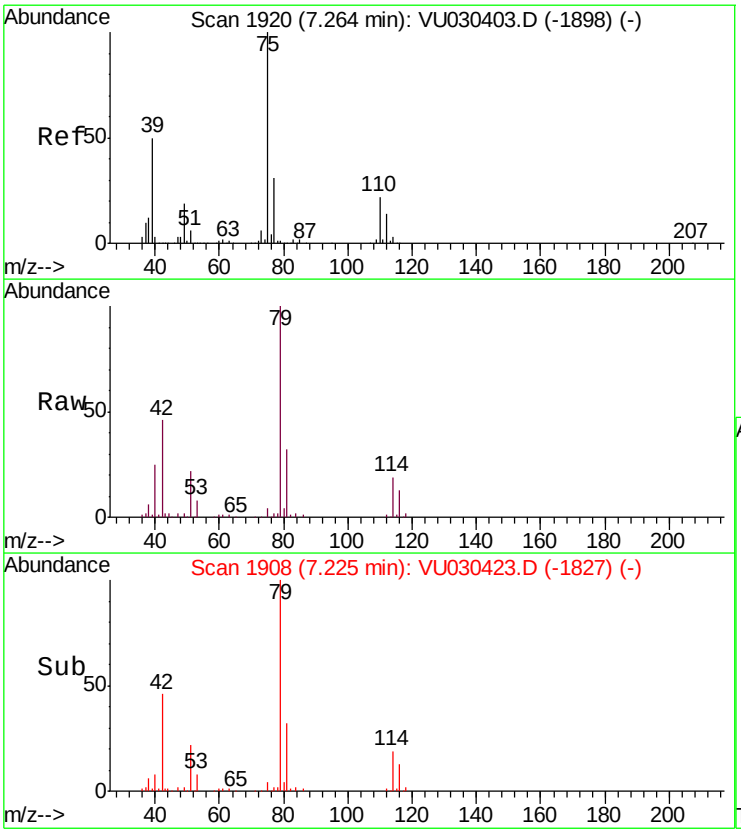


#33
Benzene
Concen: 51.906 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion: 78 Resp: 792901

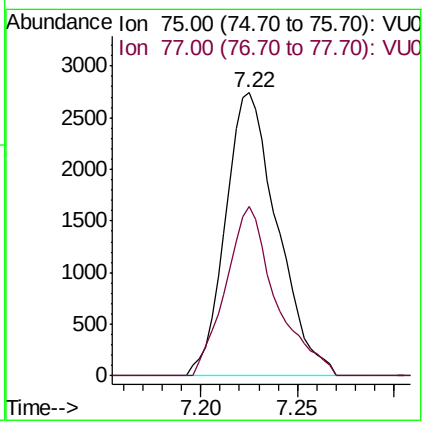


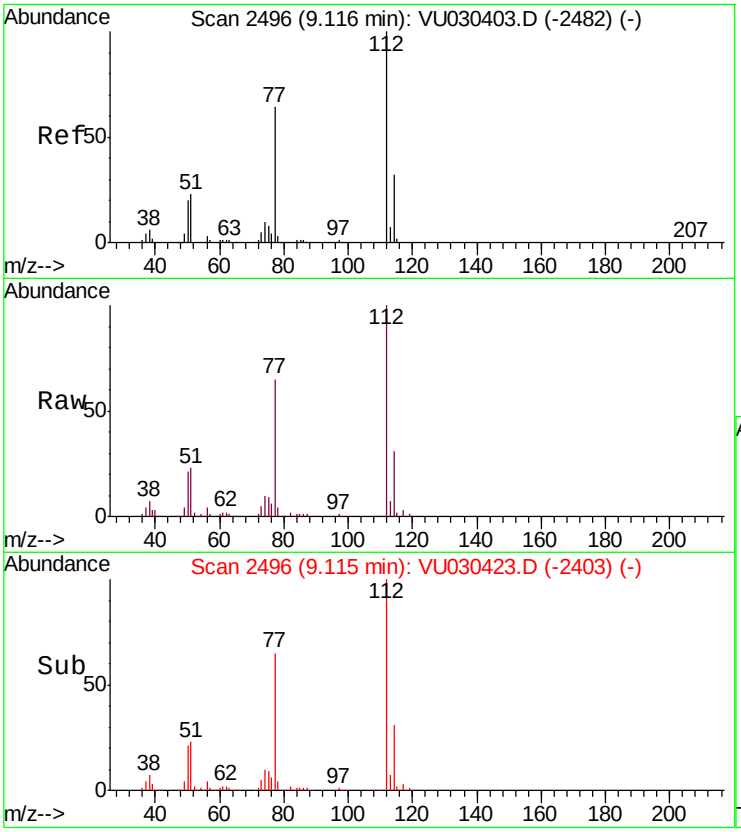


#39
cis-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion: 75 Resp: 5112

Ion	Ratio	Lower	Upper
75	100		
77	59.9	21.8	40.6#



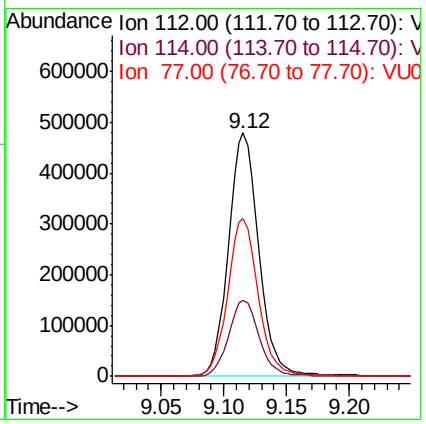


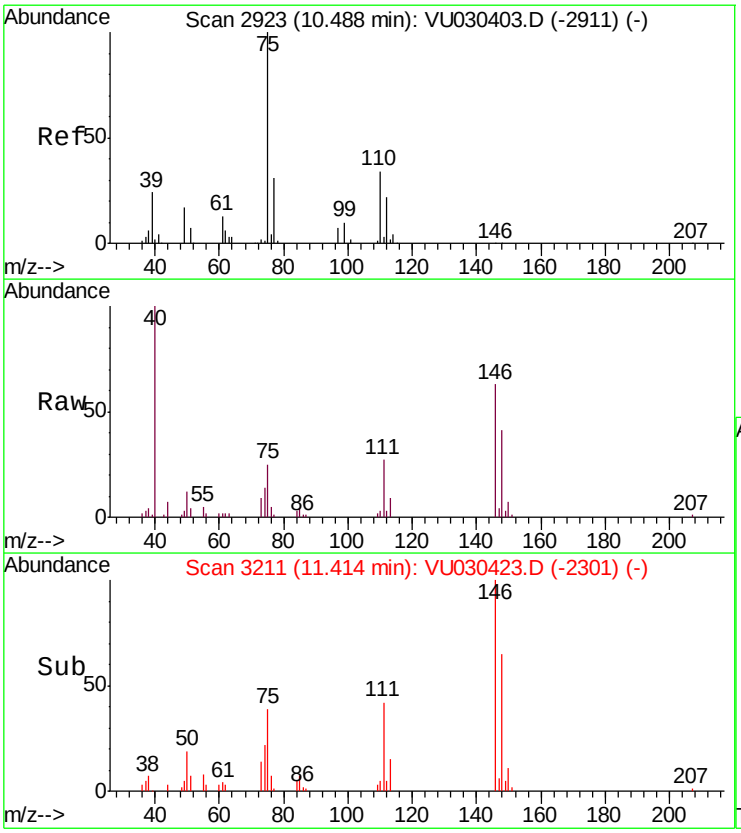
#51
Chlorobenzene
Concen: 83.588 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument : MSVOA_U
ClientSampleId : C09A8

Tgt Ion:112 Resp: 803129

Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.5	39.9
77	64.9	51.4	77.0

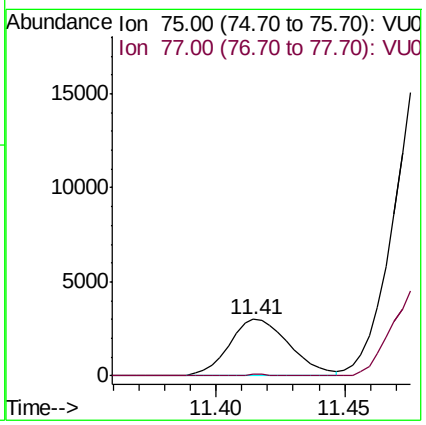


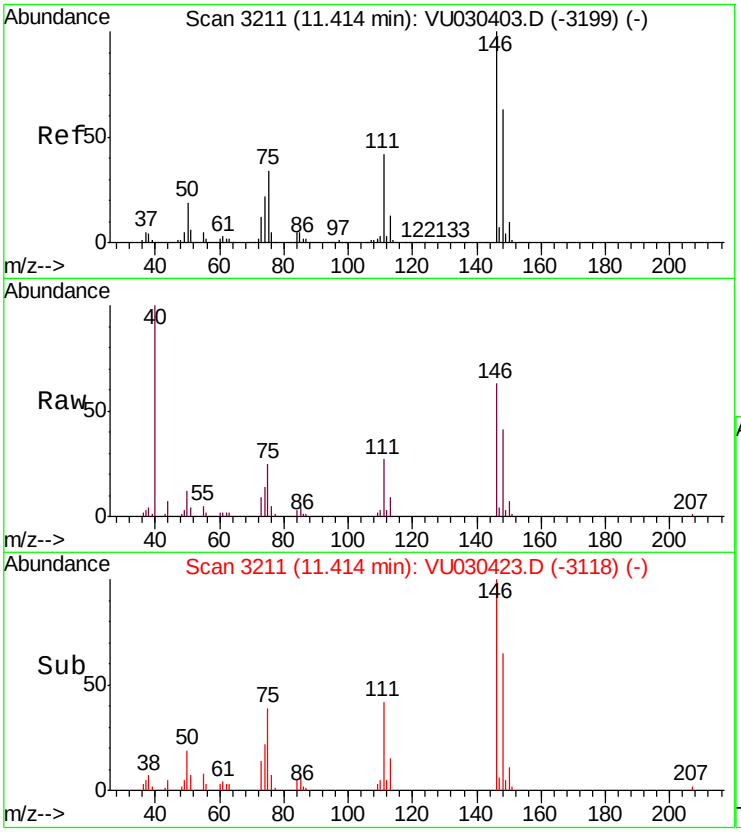


#59
1,2,3-Trichloropropane
Concen: 0.931 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.93 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion: 75 Resp: 4915

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.4	38.2#



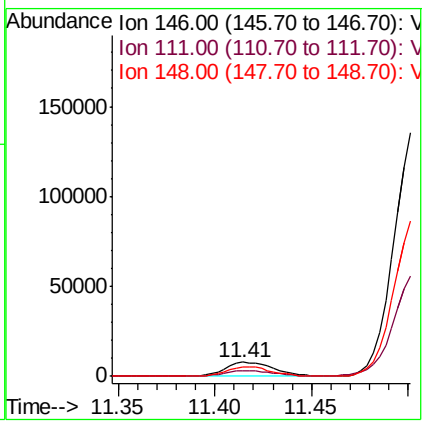


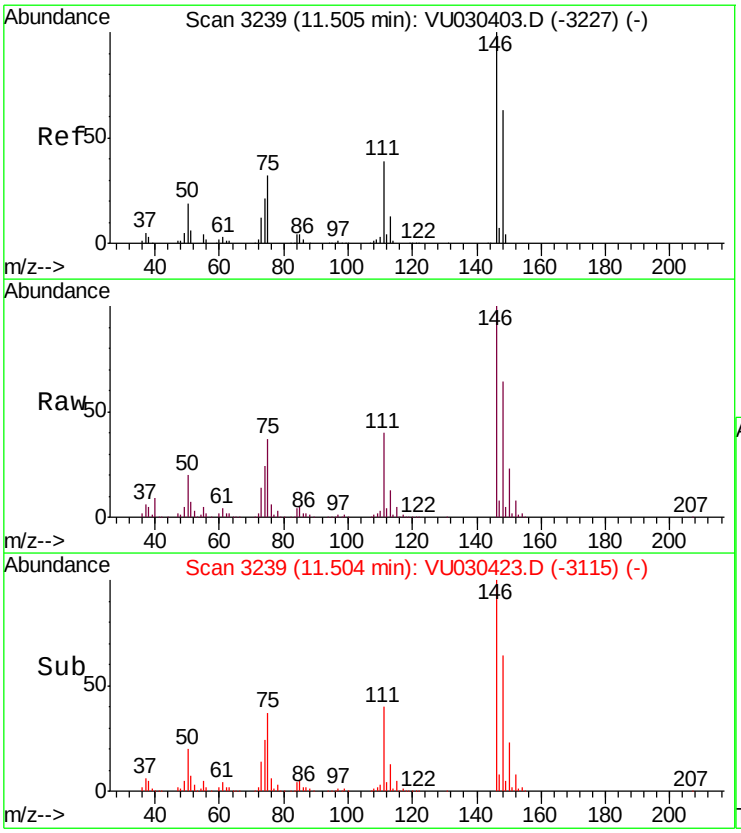
#62
1,3-Dichlorobenzene
Concen: 2.322 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion:146 Resp: 13873

Ion	Ratio	Lower	Upper
146	100		
111	42.3	29.2	54.2
148	65.4	44.4	82.4

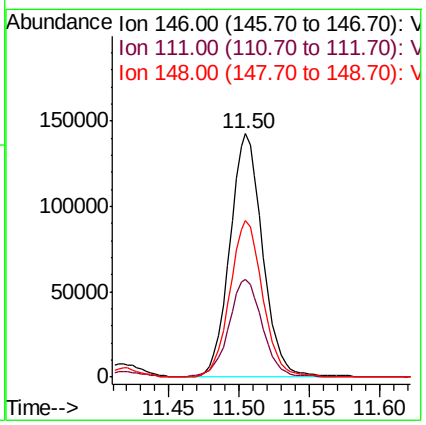


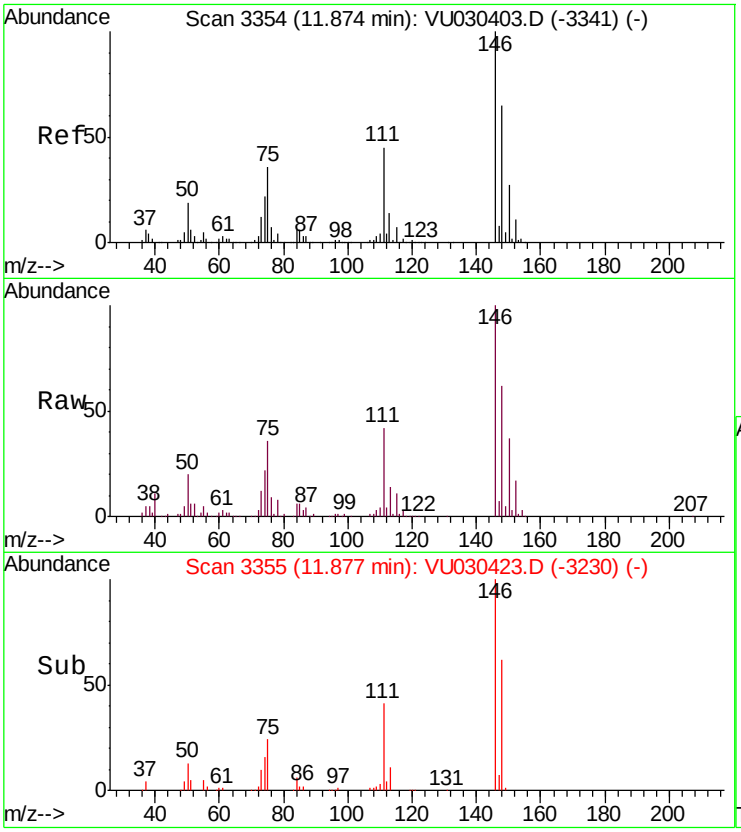


#63
1,4-Dichlorobenzene
Concen: 37.481 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion:146 Resp: 230563

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.7	53.3
148	64.1	44.3	82.3



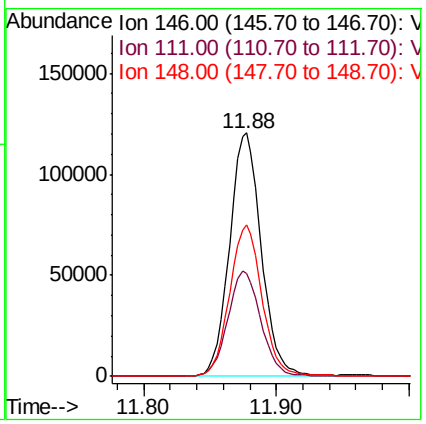


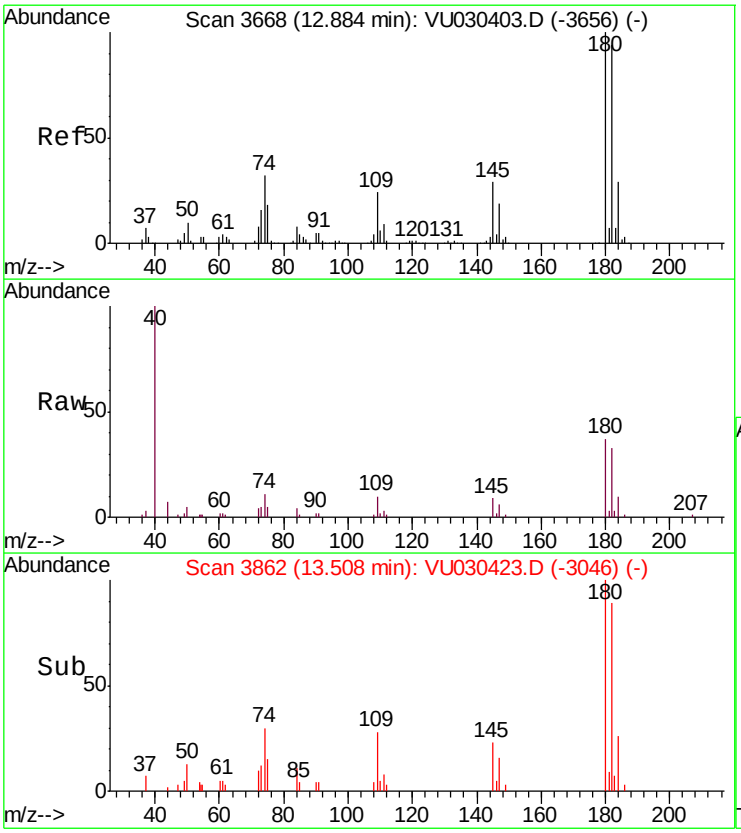
#65
1,2-Dichlorobenzene
Concen: 33.082 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion:146 Resp: 199882

Ion	Ratio	Lower	Upper
146	100		
111	42.3	34.9	52.3
148	62.2	51.2	76.8

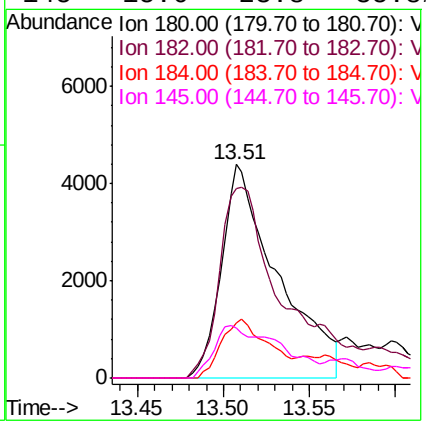


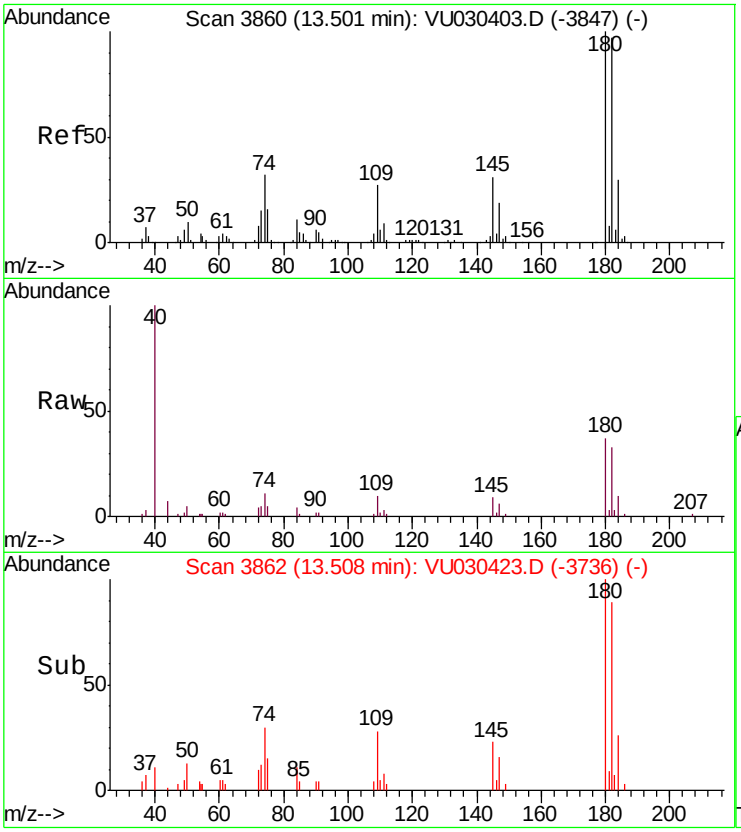


#67
1,3,5-Trichlorobenzene
Concen: 2.217 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.62 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Tgt Ion:180 Resp: 9918

Ion	Ratio	Lower	Upper
180	100		
182	88.2	75.9	113.9
184	23.3	24.1	36.1#
145	15.6	23.8	35.8#





#68
1,2,4-trichlorobenzene
Concen: 2.552 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU030423.D
Acq: 25 Mar 2019 23:26

Instrument :
MSVOA_U
ClientSampleId :
C09A8

Tgt Ion:180 Resp: 9918

Ion	Ratio	Lower	Upper
180	100		
182	88.2	76.1	114.1
145	15.6	24.5	36.7#