Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030389.D
Acq On : 25 Mar 2019 01:16
Operator : JC/SP
Sample : K2070-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09A6

Quant Time: Mar 25 05:53:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	391682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150733	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	126072	40.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.00%			
7) Chloroethane-d5	1.68	69	109978	44.02	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.04%			
11) 1,1-Dichloroethene-d2	2.27	63	188746	31.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.14%			
21) 2-Butanone-d5	4.17	46	287117	96.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.89%			
24) Chloroform-d	4.64	84	253444	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.34%			
26) 1,2-Dichloroethane-d4	5.31	65	174041	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.94%			
32) Benzene-d6	5.34	84	516172	49.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.08%			
36) 1,2-Dichloropropane-d6	6.33	67	187144	51.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.92%			
41) Toluene-d8	7.56	98	446103	47.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.38%			
43) trans-1,3-Dichloropropene-	7.85	79	74944	44.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.52%			
47) 2-Hexanone-d5	8.31	63	189479	97.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.09%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253596	49.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.42%			
64) 1,2-Dichlorobenzene-d4	11.86	152	156386	51.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3494	0.723	ug/L	97
8) Chloroethane	1.41	64	19585	7.569	ug/L #	65
13) Acetone	2.32	43	16114	5.377	ug/L	98
33) Benzene	5.39	78	15581	1.247	ug/L	100
48) 2-Hexanone	8.31	43	22954	4.702	ug/L #	73
51) Chlorobenzene	9.12	112	46823	5.958	ug/L	96
59) 1,2,3-Trichloropropane	11.42	75	2071	0.480	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	5708	1.158	ug/L #	82
63) 1,4-Dichlorobenzene	11.50	146	29919	5.896	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	42253	8.477	ug/L	97
67) 1,3,5-Trichlorobenzene	13.50	180	42320	11.468	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	42320	13.199	ug/L	95
70) 1,2,3-Trichlorobenzene	13.99	180	13181	3.893	ug/L	97

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

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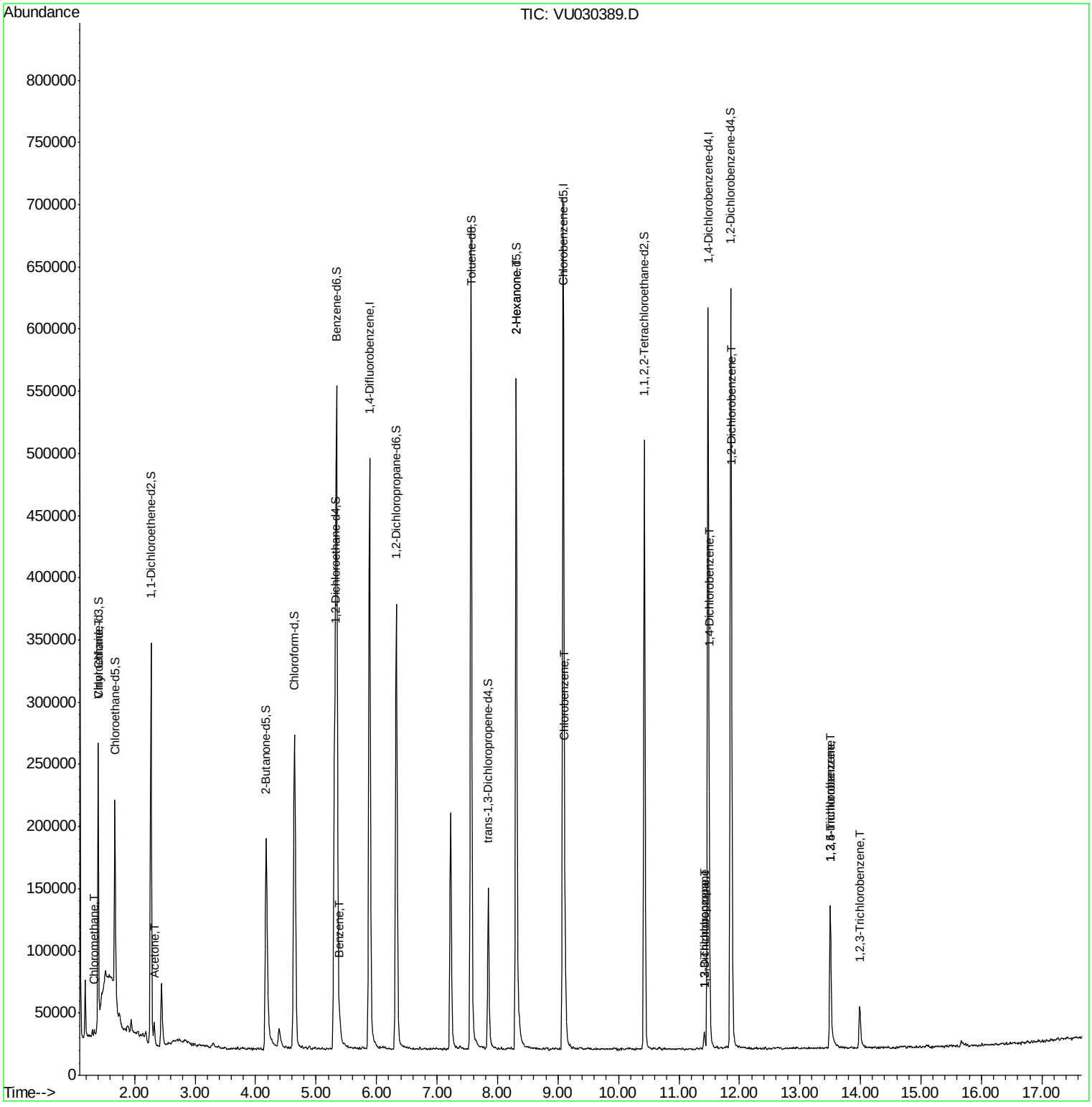
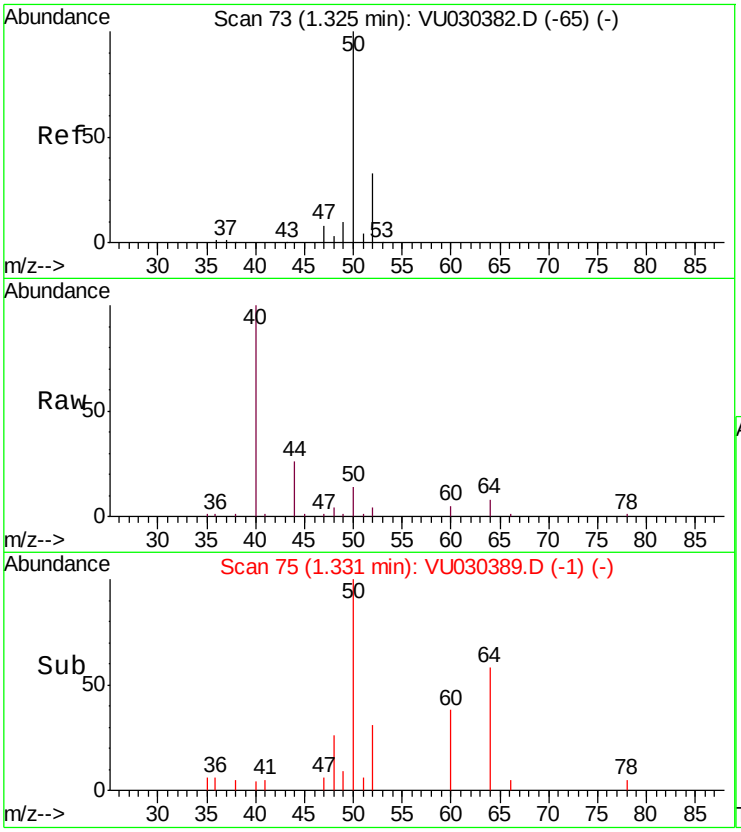
Instrument :
MSVOA_U
ClientSampleId :
C09A6

Quant Time: Mar 25 05:53:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



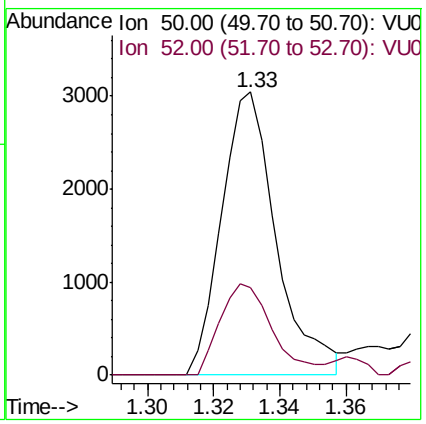


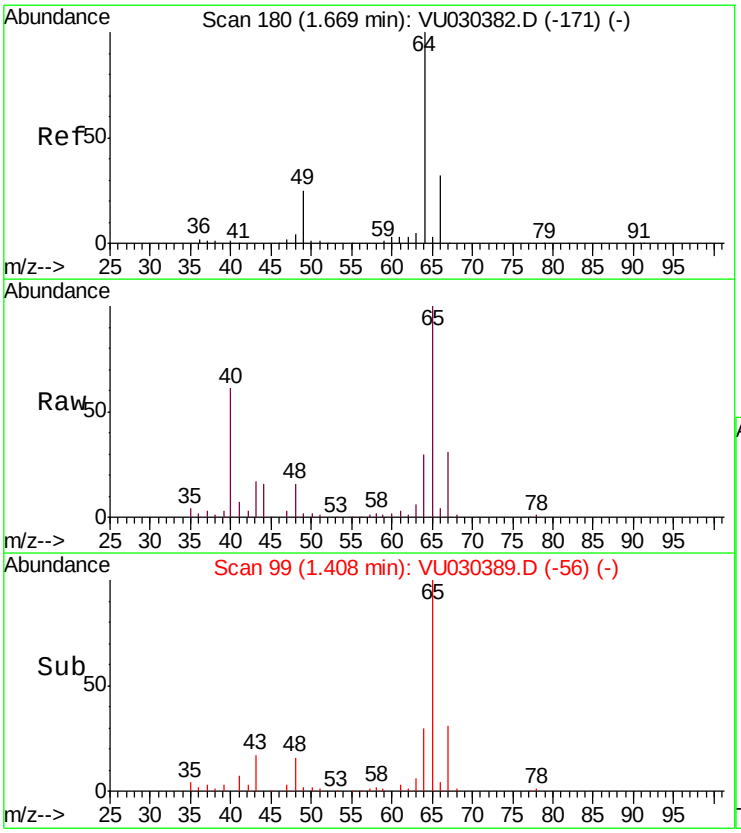
#3
Chloromethane
Concen: 0.723 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.01 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument :
MSVOA_U
ClientSampleId :
C09A6

Tgt Ion: 50 Resp: 3494

Ion	Ratio	Lower	Upper
50	100		
52	31.1	23.0	42.6

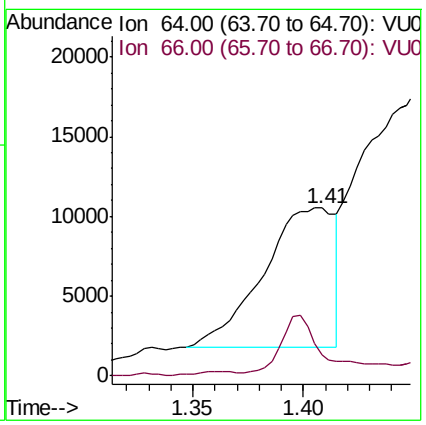


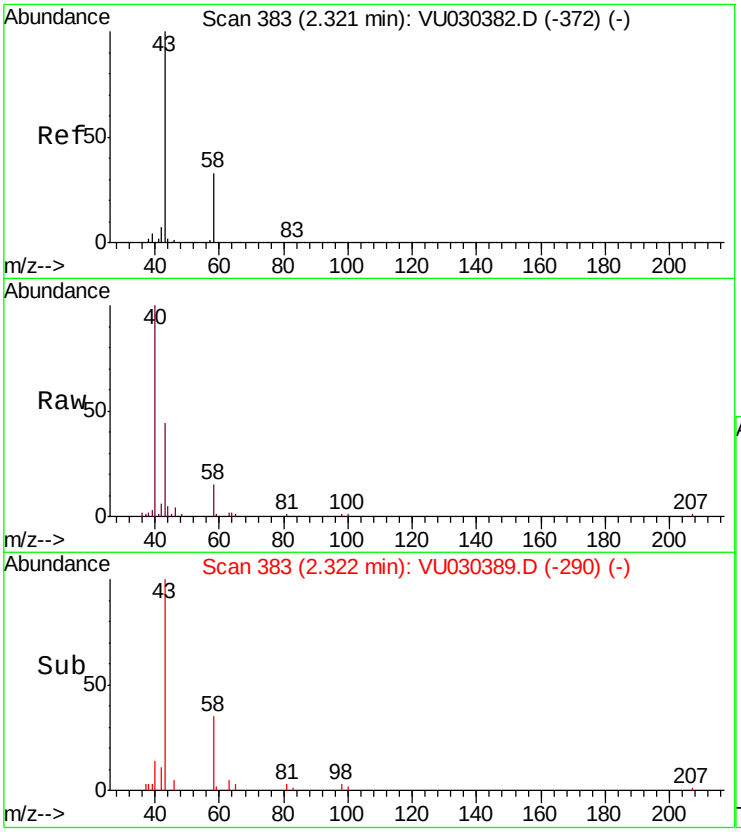


#8
Chloroethane
Concen: 7.569 ug/L
RT: 1.41 min Scan# 99
Delta R.T. -0.26 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion: 64 Resp: 19585

Ion	Ratio	Lower	Upper
64	100		
66	12.5	22.5	41.7#



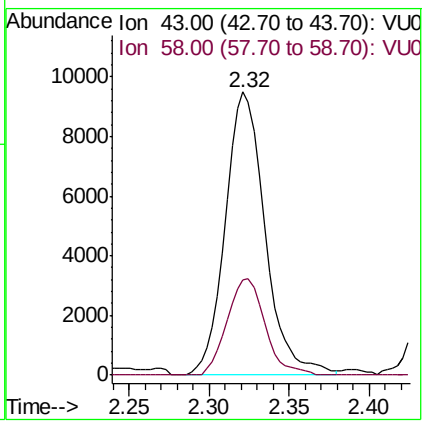


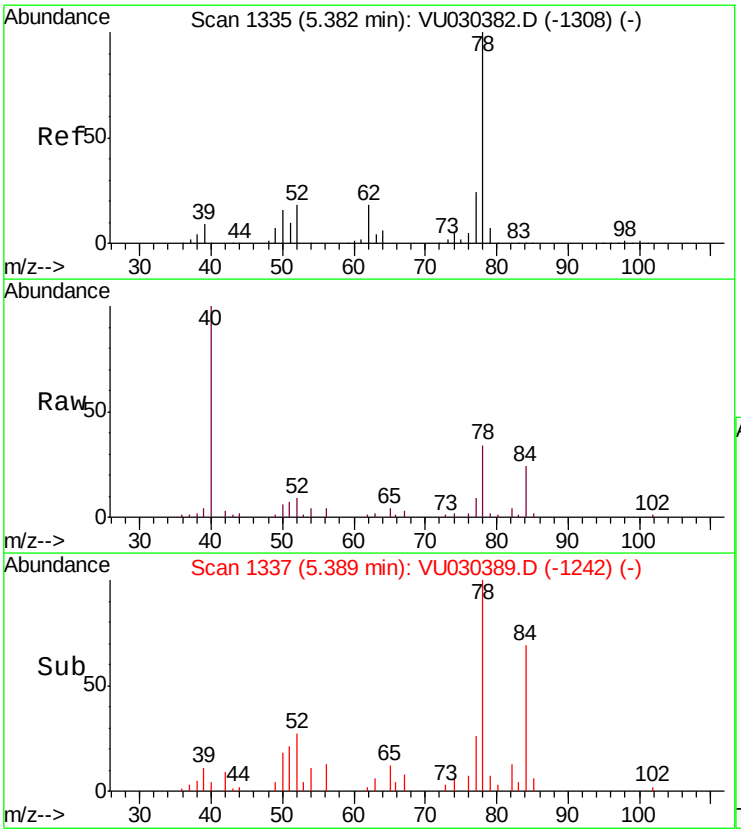
#13
Acetone
Concen: 5.377 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument :
MSVOA_U
ClientSampleId :
C09A6

Tgt Ion: 43 Resp: 16114

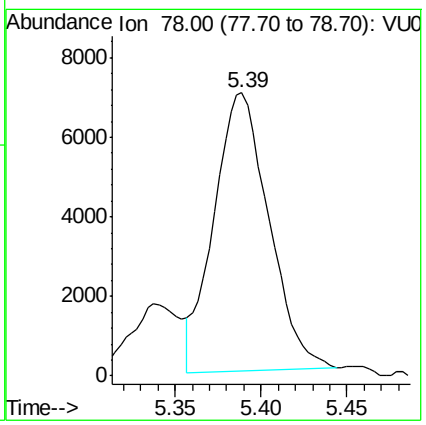
Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	62.8

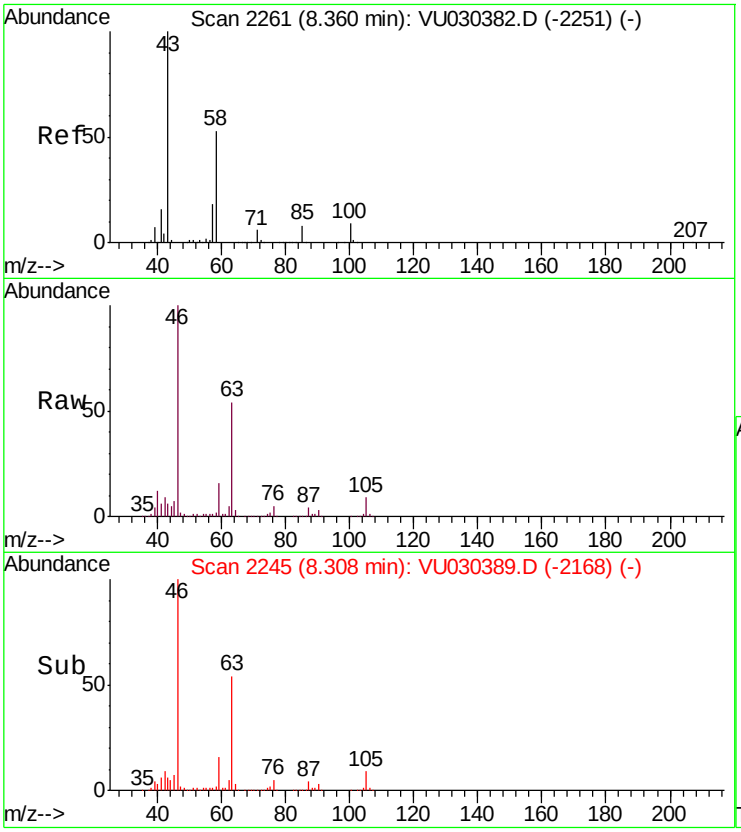




#33
Benzene
Concen: 1.247 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion: 78 Resp: 15581



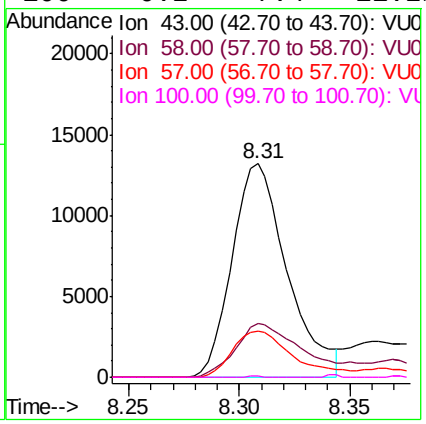


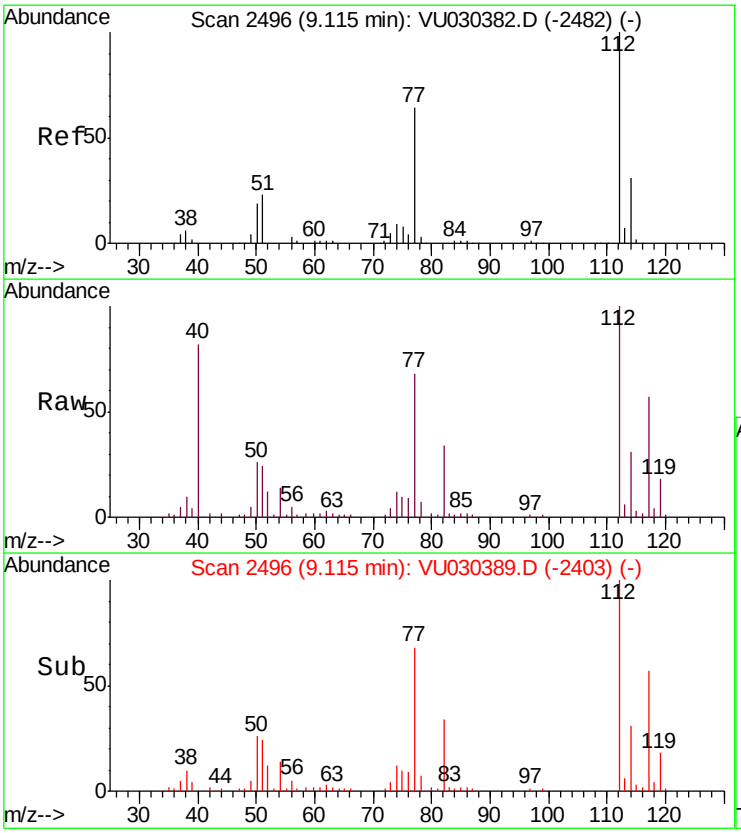
#48
2-Hexanone
Concen: 4.702 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument : MSVOA_U
ClientSampleId : C09A6

Tgt Ion: 43 Resp: 22954

Ion	Ratio	Lower	Upper
43	100		
58	30.0	42.5	63.7#
57	23.7	15.0	22.6#
100	0.2	7.4	11.2#

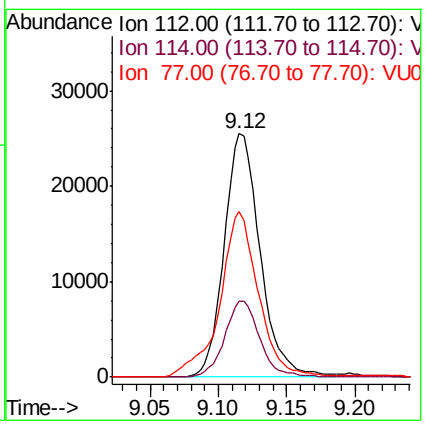


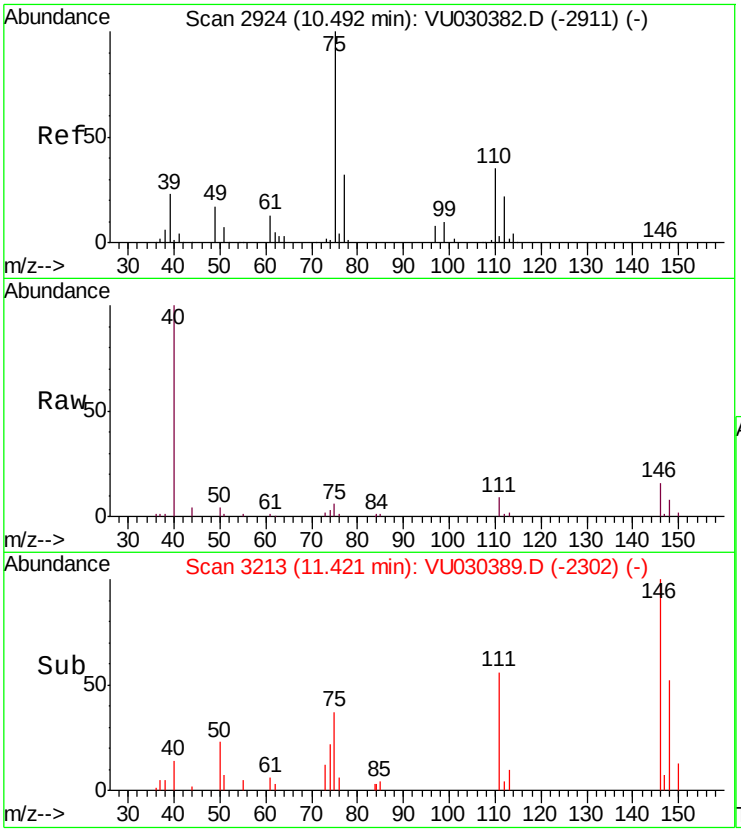


#51
Chlorobenzene
Concen: 5.958 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion:112 Resp: 46823

Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.5	39.9
77	68.1	51.4	77.0



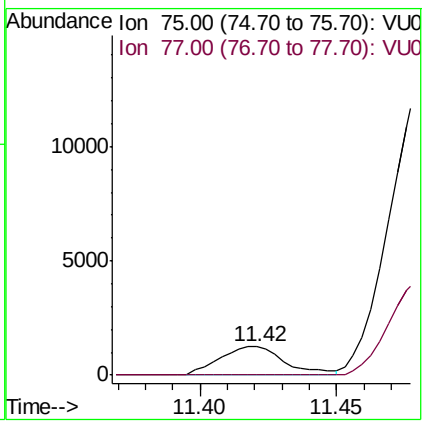


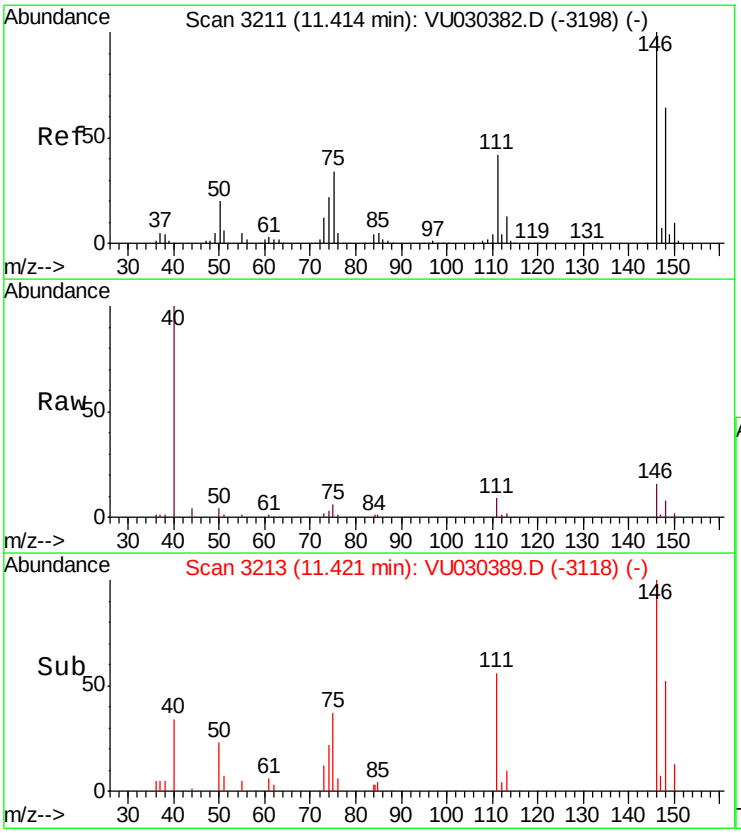
#59
1,2,3-Trichloropropane
Concen: 0.480 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.93 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument : MSVOA_U
ClientSampleId : C09A6

Tgt Ion: 75 Resp: 2071

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

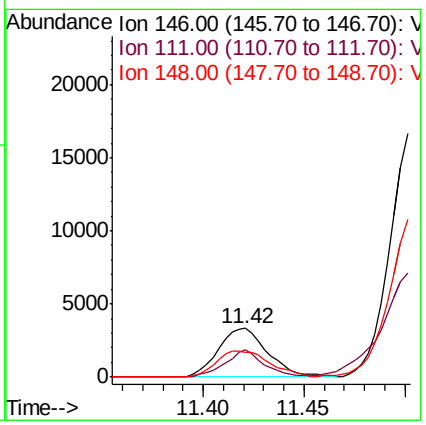


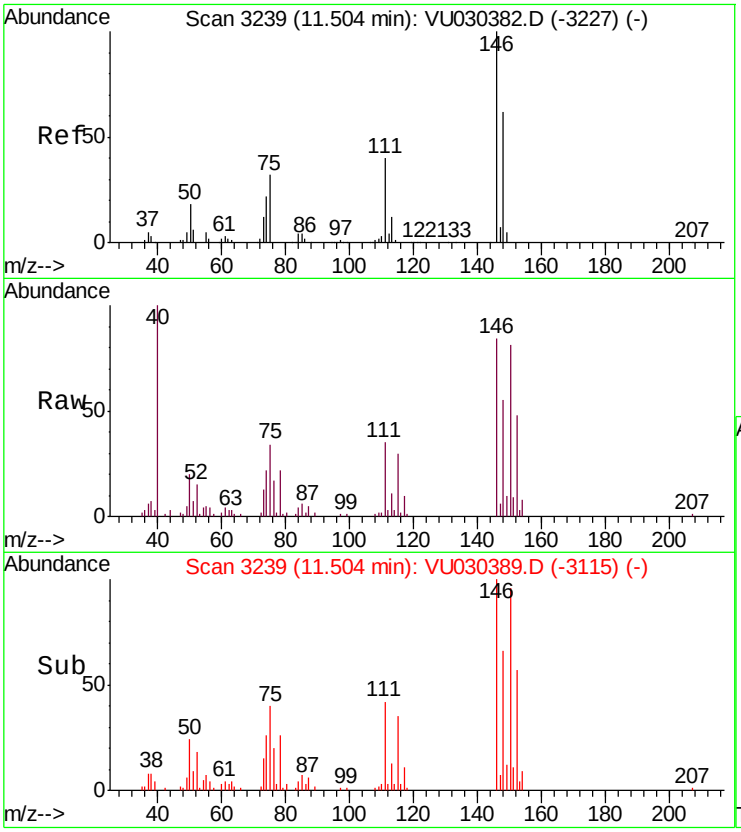


#62
1,3-Dichlorobenzene
Concen: 1.158 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion:146 Resp: 5708

Ion	Ratio	Lower	Upper
146	100		
111	56.1	29.2	54.2#
148	51.9	44.4	82.4



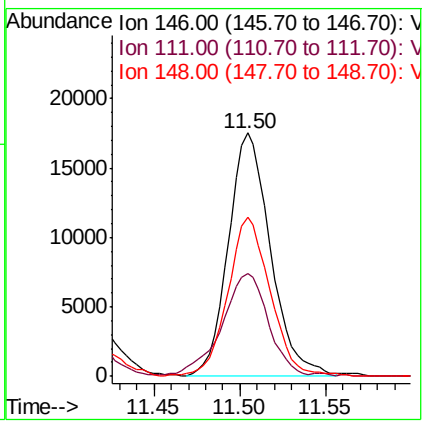


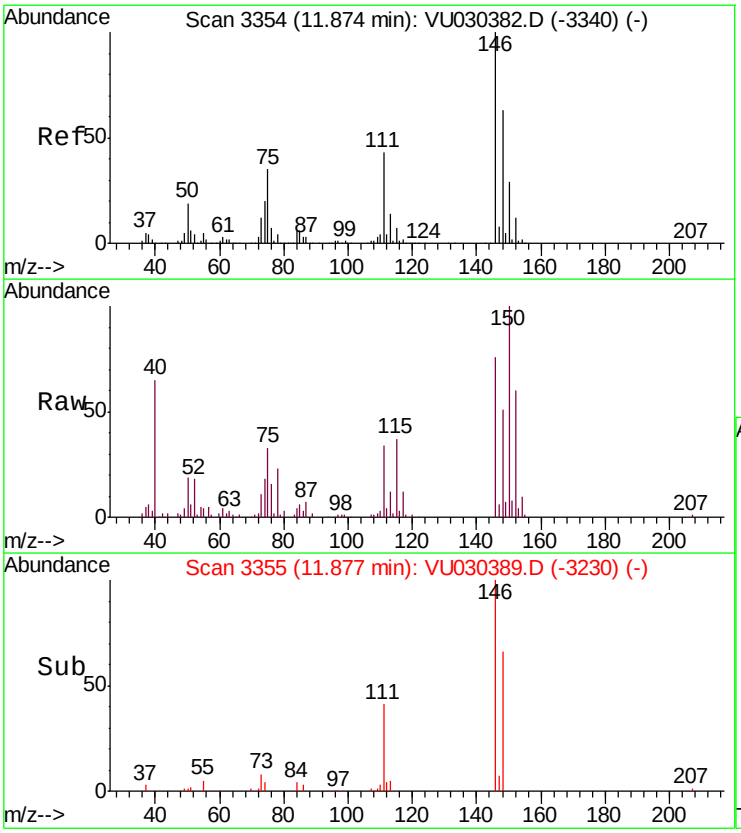
#63
1,4-Dichlorobenzene
Concen: 5.896 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument : MSVOA_U
ClientSampleId : C09A6

Tgt Ion:146 Resp: 29919

Ion	Ratio	Lower	Upper
146	100		
111	42.1	28.7	53.3
148	65.6	44.3	82.3

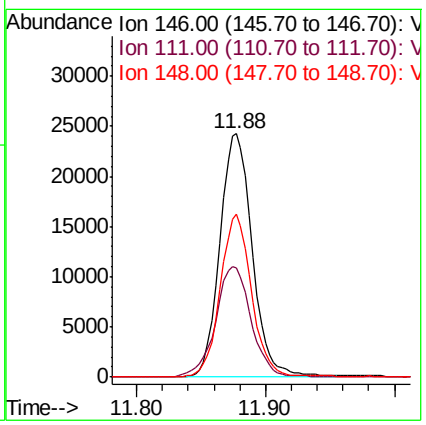


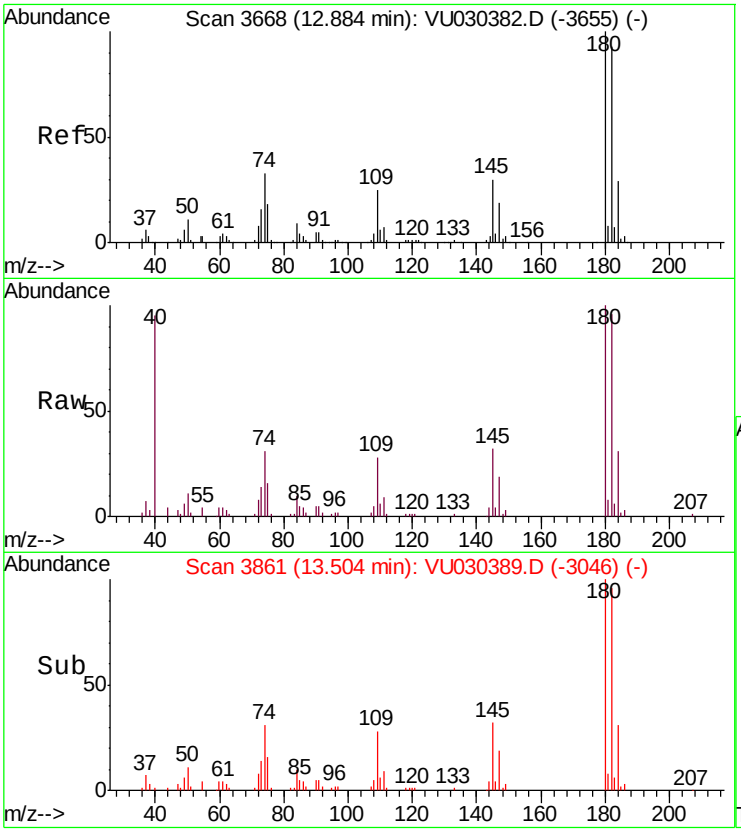


#65
1,2-Dichlorobenzene
Concen: 8.477 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion:146 Resp: 42253

Ion	Ratio	Lower	Upper
146	100		
111	44.7	34.9	52.3
148	67.0	51.2	76.8



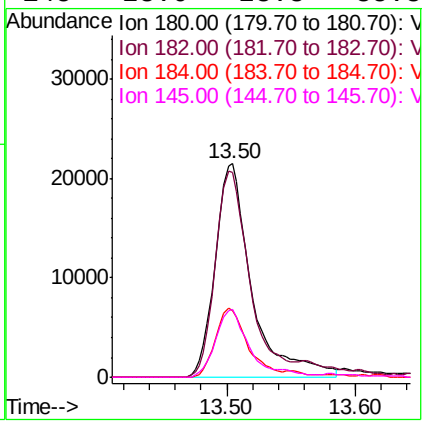


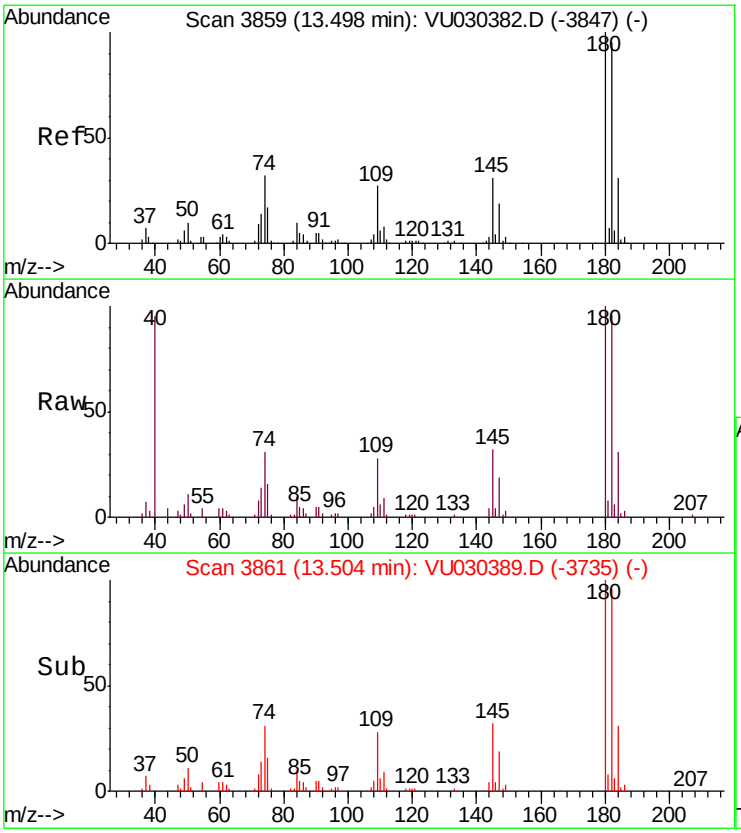
#67
1,3,5-Trichlorobenzene
Concen: 11.468 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.62 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument :
MSVOA_U
ClientSampleId :
C09A6

Tgt Ion:180 Resp: 42320

Ion	Ratio	Lower	Upper
180	100		
182	89.8	75.9	113.9
184	28.5	24.1	36.1
145	28.0	23.8	35.8

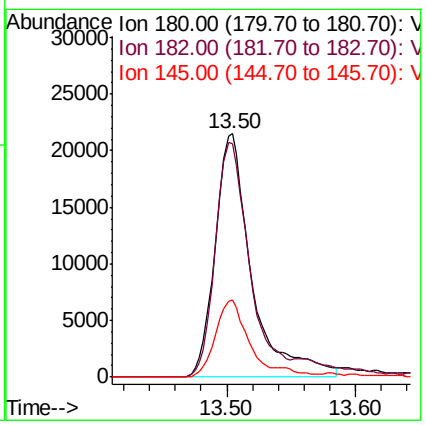


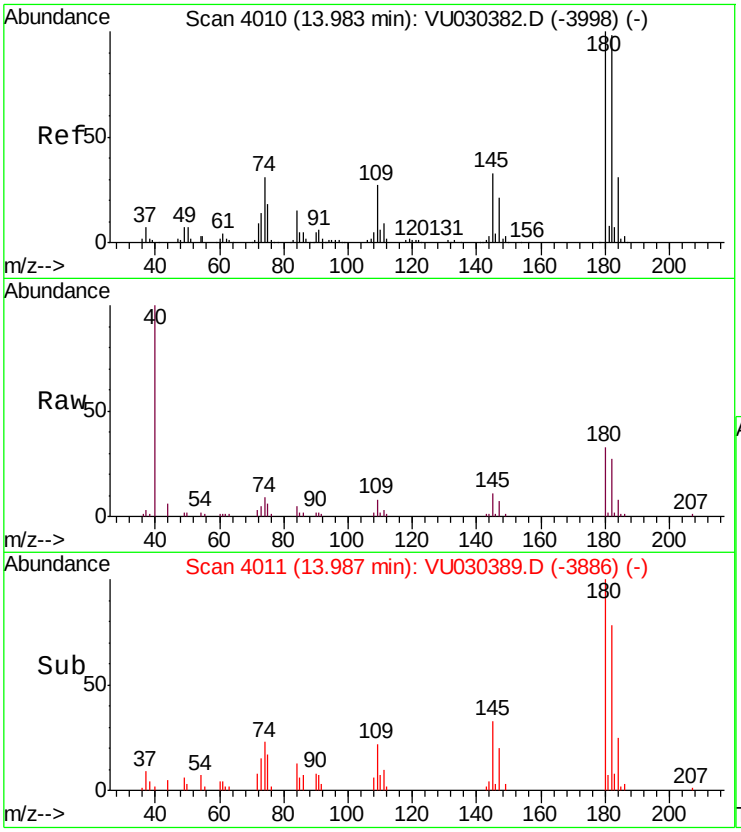


#68
1,2,4-trichlorobenzene
Concen: 13.199 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Tgt Ion:180 Resp: 42320

Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.1	114.1
145	28.0	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 3.893 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030389.D
Acq: 25 Mar 2019 01:16

Instrument :
MSVOA_U
ClientSampleId :
C09A6

Tgt Ion:180 Resp: 13181

Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.4	116.2
145	31.0	25.9	38.9