Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121819\

Quantitation Report (Not Reviewed)

Data File : VV014123.D
Acq On : 18 Dec 2019 15:45
Operator : SY/MD
Sample : K6356-05 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D40

Quant Time: Dec 19 07:10:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	755171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	725813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	343946	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	211201	48.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.72%			
7) Chloroethane-d5	1.58	69	197131	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.48%			
11) 1,1-Dichloroethene-d2	2.13	63	295675	30.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.22%			
21) 2-Butanone-d5	3.92	46	310144	100.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.89%			
24) Chloroform-d	4.40	84	432537	47.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.32%			
26) 1,2-Dichloroethane-d4	5.08	65	272037	46.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.62%			
32) Benzene-d6	5.10	84	846540	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.02%			
36) 1,2-Dichloropropane-d6	6.11	67	266447	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.40%			
41) Toluene-d8	7.36	98	704435	41.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.16%			
43) trans-1,3-Dichloropropene-	7.66	79	114266	41.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.18%			
47) 2-Hexanone-d5	8.13	63	208111	98.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.72%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	341907	41.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.66%			
64) 1,2-Dichlorobenzene-d4	11.67	152	310495	45.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.92%			
Target Compounds						Qvalue
13) Acetone	2.18	43	6380	1.416	ug/L	99
16) Methylene chloride	2.54	84	5765	1.009	ug/L	96
25) Chloroform	4.42	83	14979	1.449	ug/L	98
33) Benzene	5.14	78	871790	40.333	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	7040	0.855	ug/L	84
51) Chlorobenzene	8.92	112	2383315	154.901	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	113972	10.099	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	1081116	92.662	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1382856	122.496	ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	200110	21.835	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	200110	24.199	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	58512	6.766	ug/L	98

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

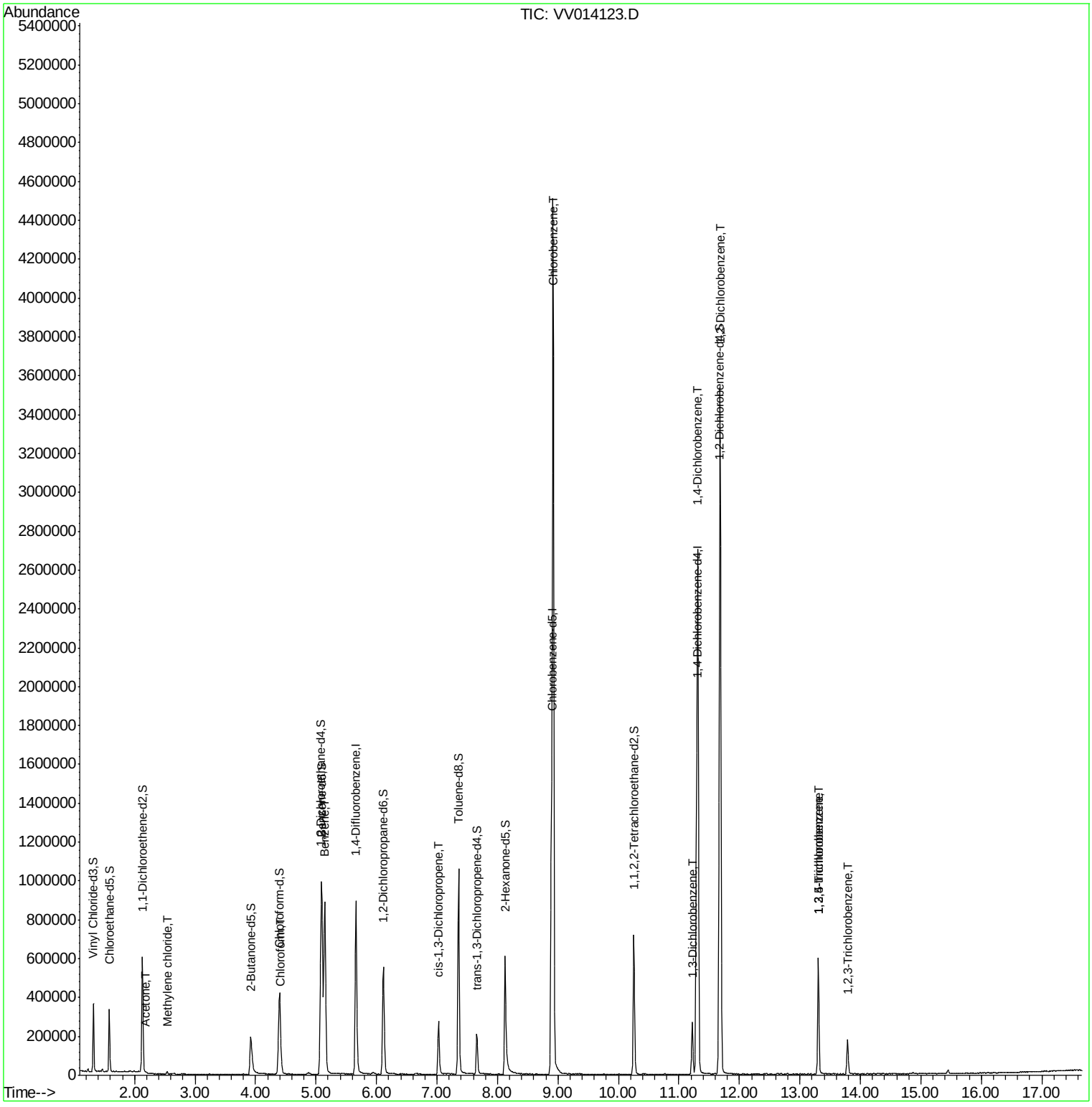
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121819\

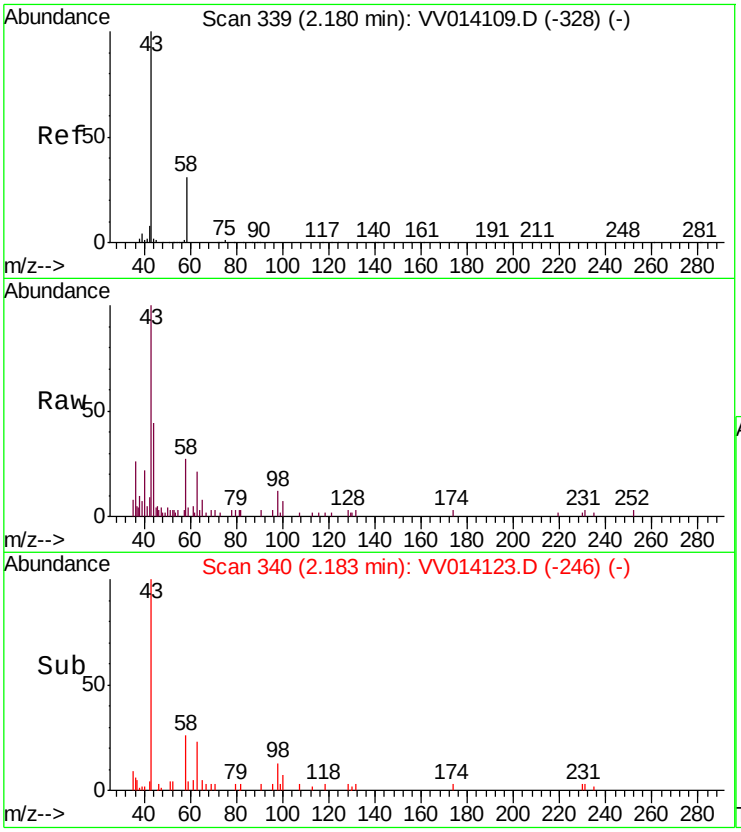
Quantitation Report (Not Reviewed)

Data File : VV014123.D
Acq On : 18 Dec 2019 15:45
Operator : SY/MD
Sample : K6356-05 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Quant Time: Dec 19 07:10:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration



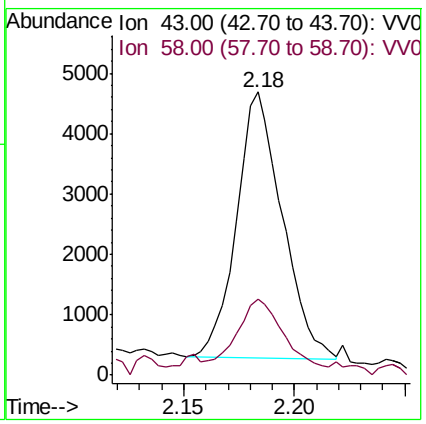


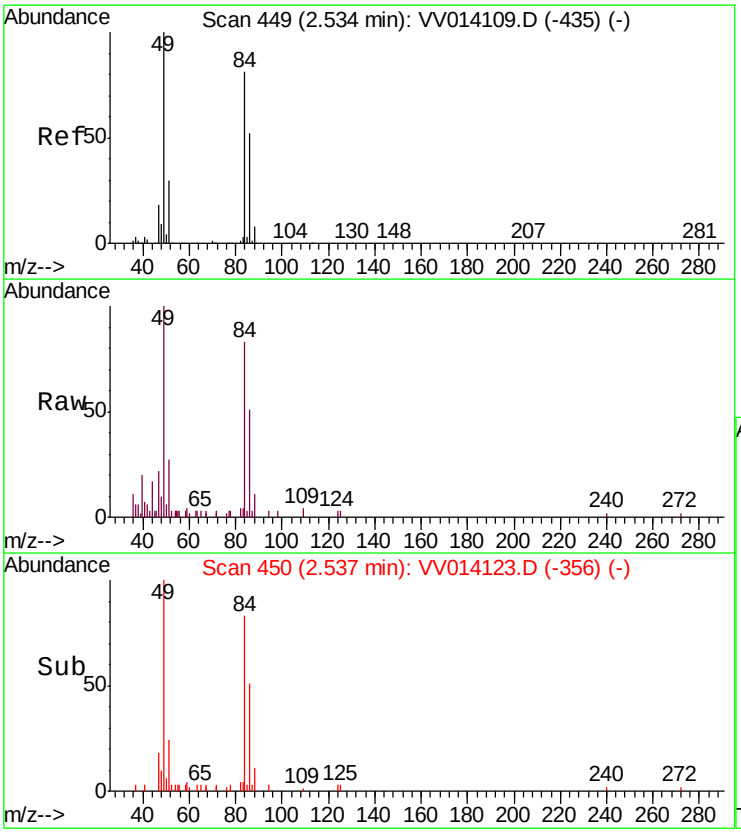
#13
Acetone
Concen: 1.416 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion: 43 Resp: 6380

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	60.8

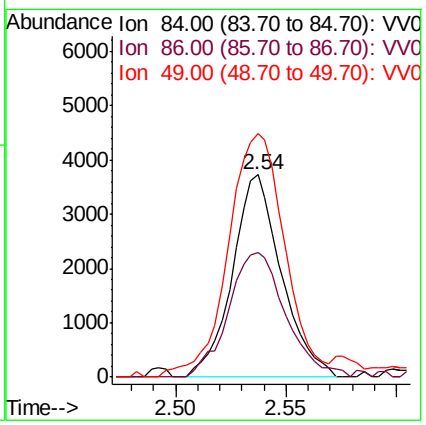


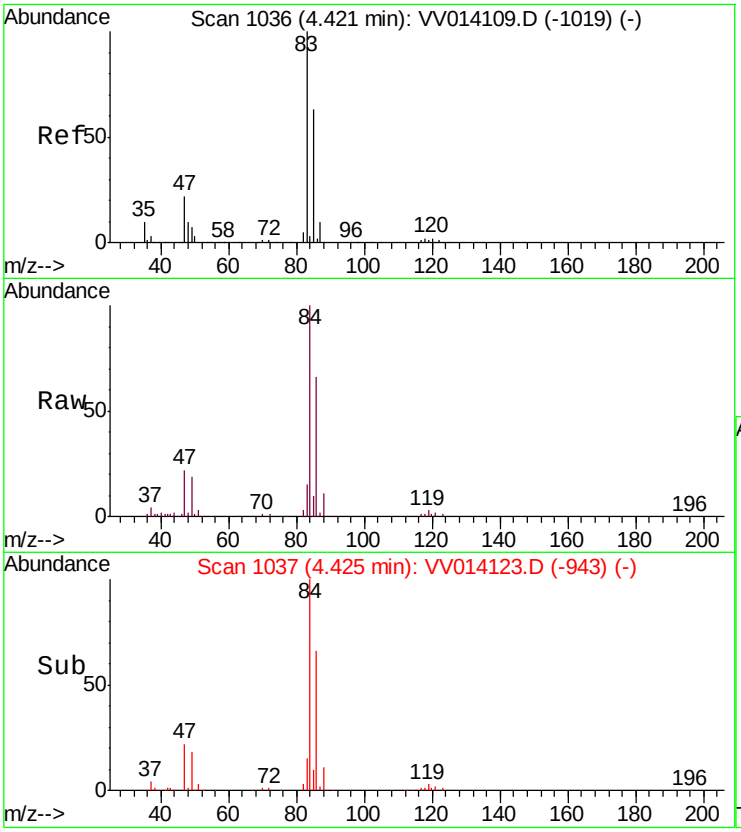


#16
Methylene chloride
Concen: 1.009 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion: 84 Resp: 5765

Ion	Ratio	Lower	Upper
84	100		
86	61.7	43.9	81.5
49	120.2	79.7	147.9



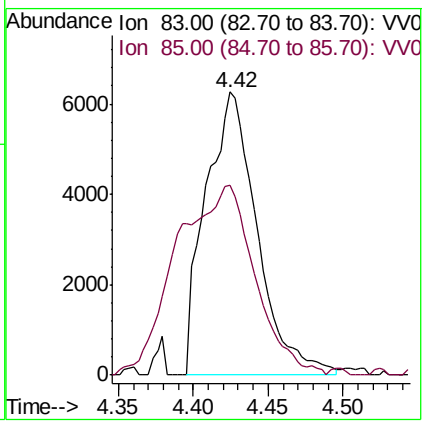


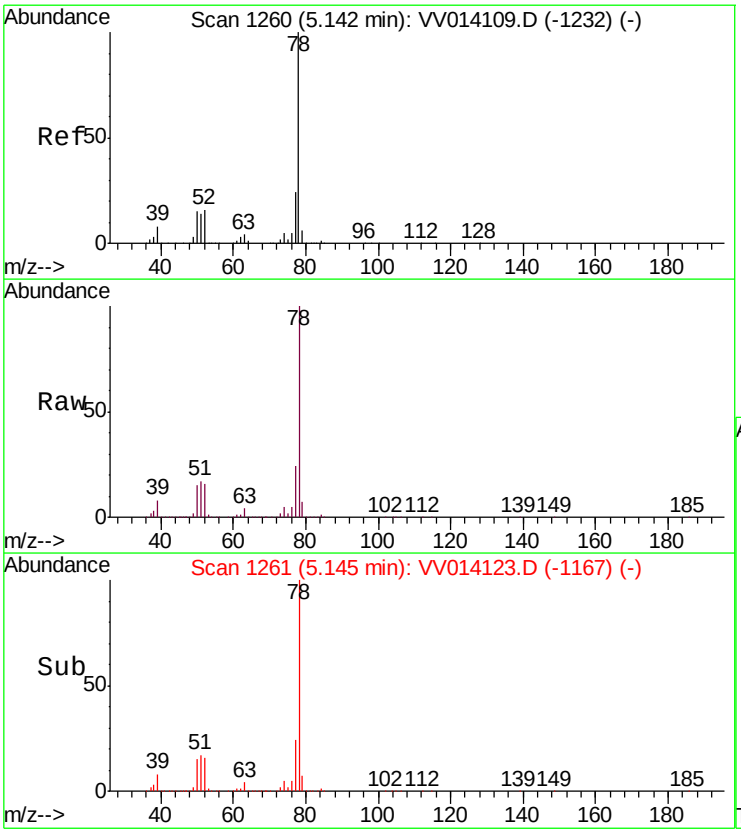
#25
Chloroform
Concen: 1.449 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion: 83 Resp: 14979

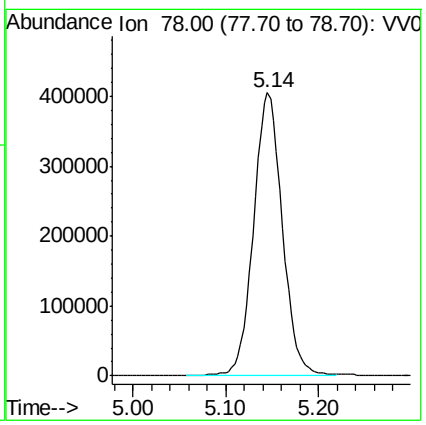
Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.7	84.9

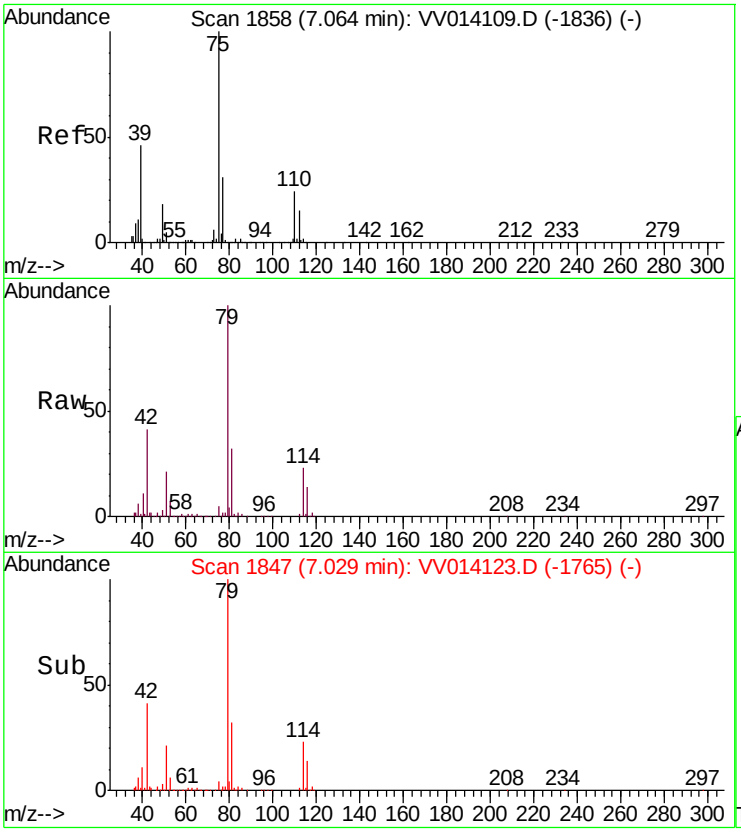




#33
Benzene
Concen: 40.333 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion: 78 Resp: 871790



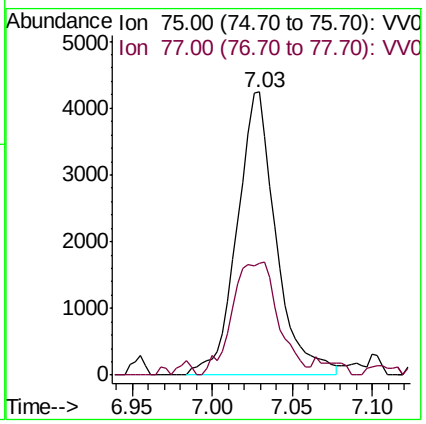


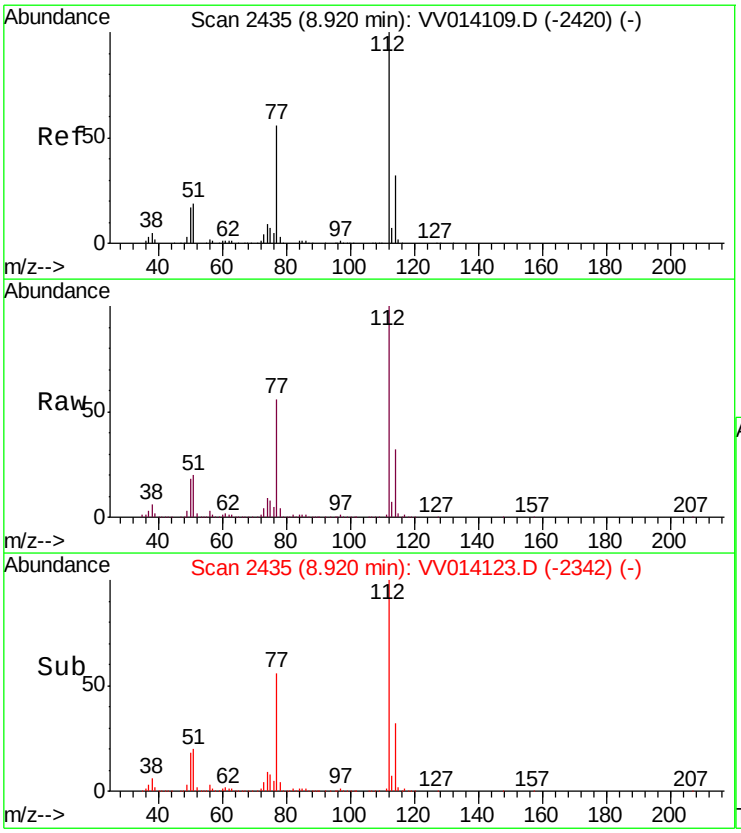
#39
cis-1,3-Dichloropropene
Concen: 0.855 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion: 75 Resp: 7040

Ion	Ratio	Lower	Upper
75	100		
77	39.6	21.6	40.2

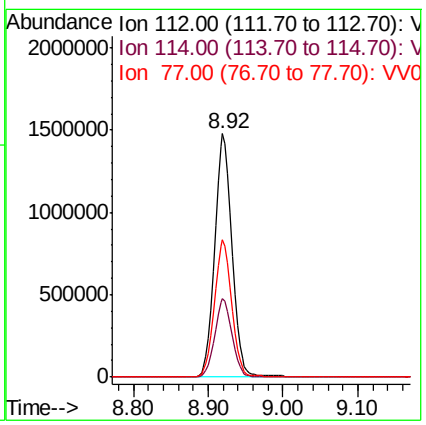


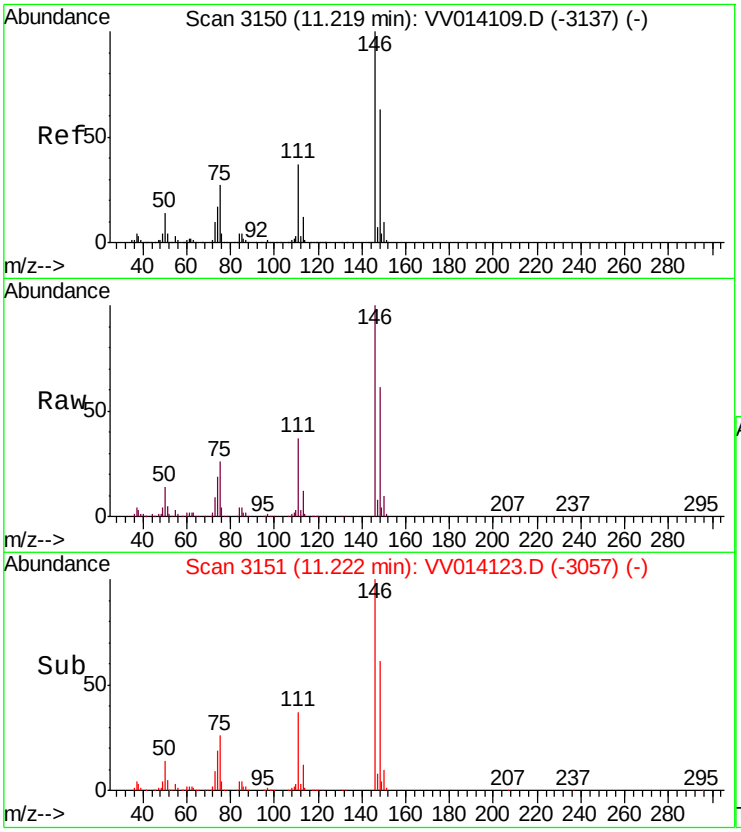


#51
Chlorobenzene
Concen: 154.901 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion:112 Resp: 2383315

Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.2	43.2
77	56.5	45.0	67.4



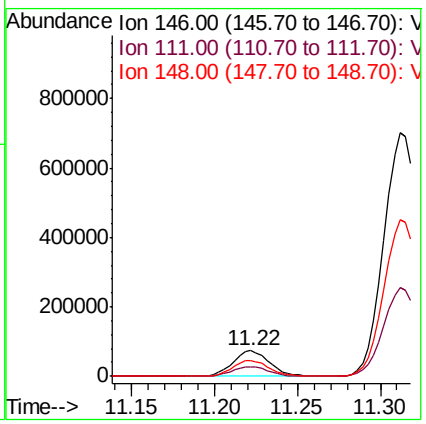


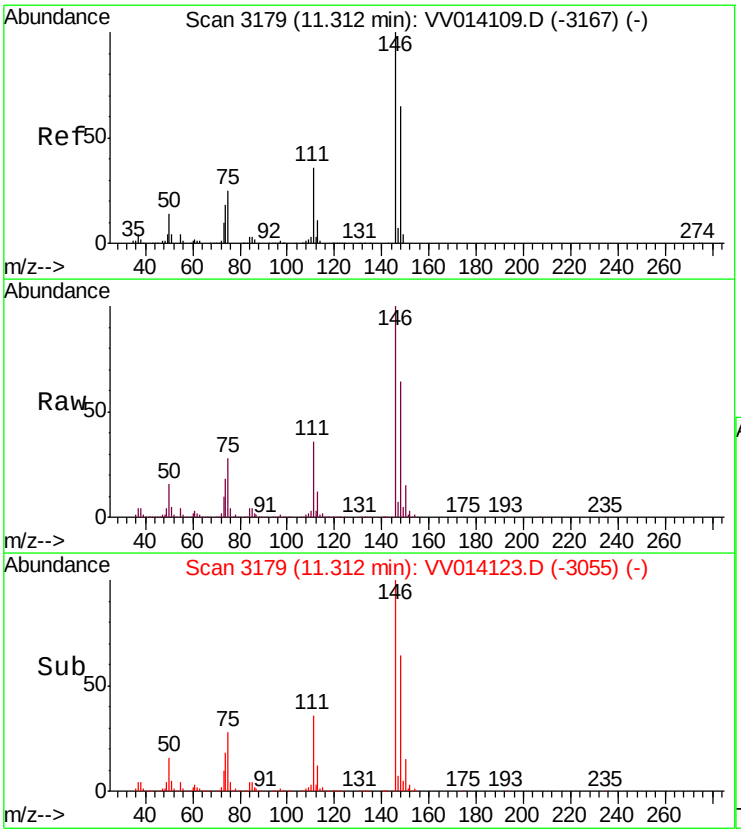
#62
1,3-Dichlorobenzene
Concen: 10.099 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion:146 Resp: 113972

Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.8	48.0
148	61.5	45.2	84.0

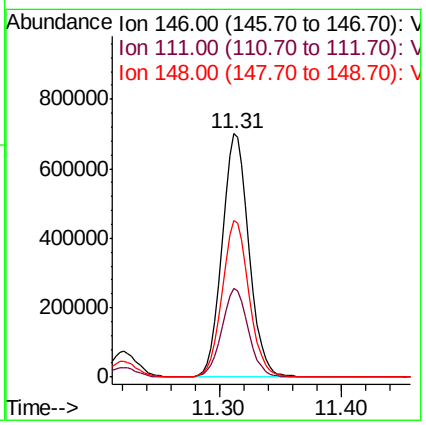


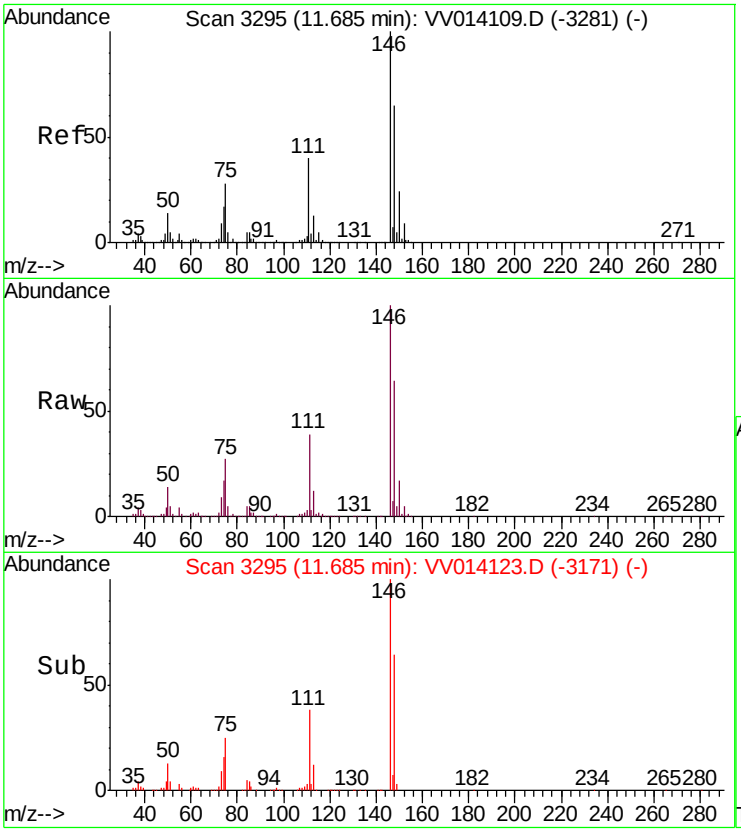


#63
1,4-Dichlorobenzene
Concen: 92.662 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion:146 Resp: 1081116

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.4	47.2
148	64.1	44.9	83.5



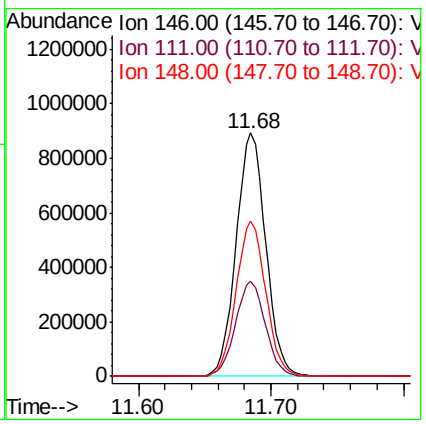


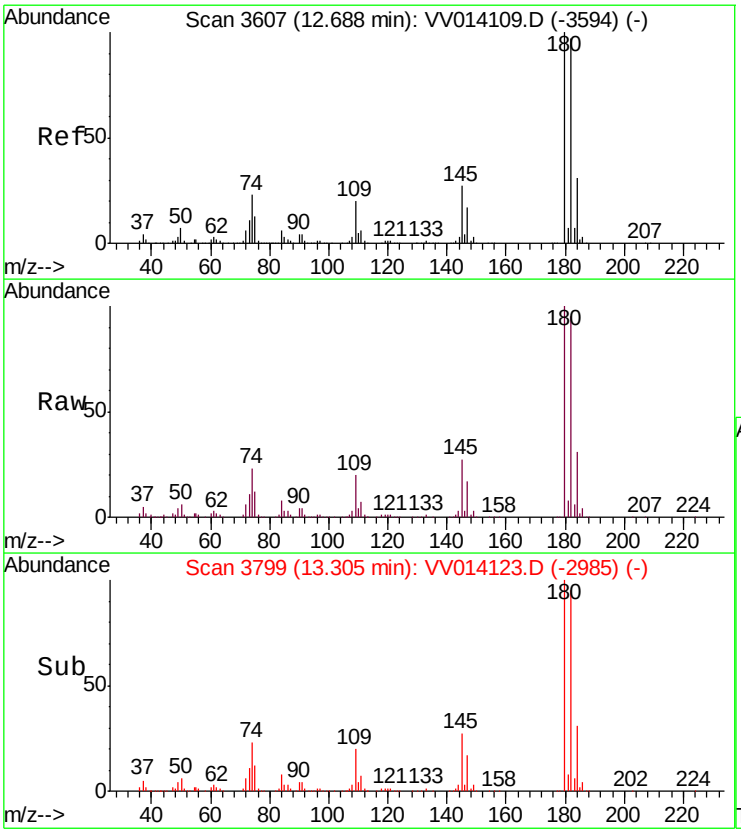
#65
1,2-Dichlorobenzene
Concen: 122.496 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion:146 Resp: 1382856

Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.4	47.0
148	63.7	51.5	77.3

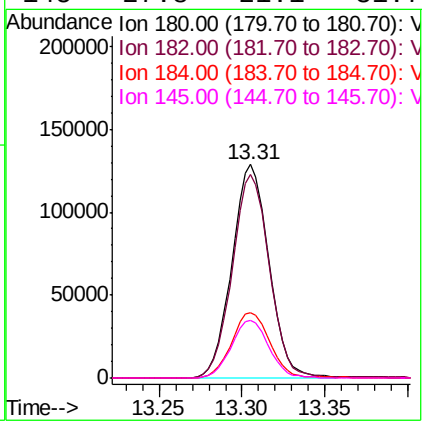


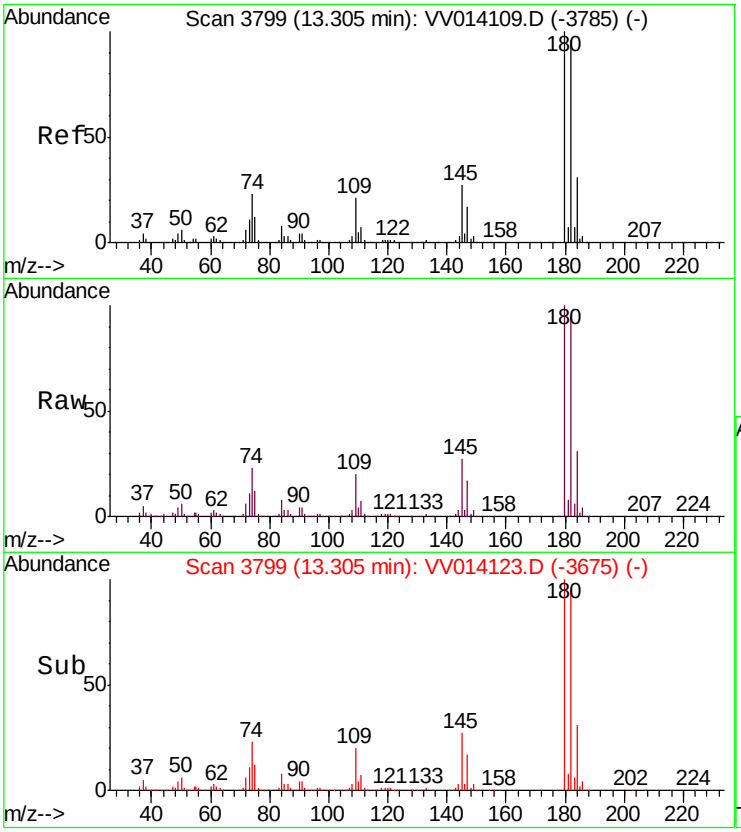


#67
1,3,5-Trichlorobenzene
Concen: 21.835 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.62 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion:180 Resp: 200110

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
184	31.4	24.2	36.4
145	27.8	21.1	31.7



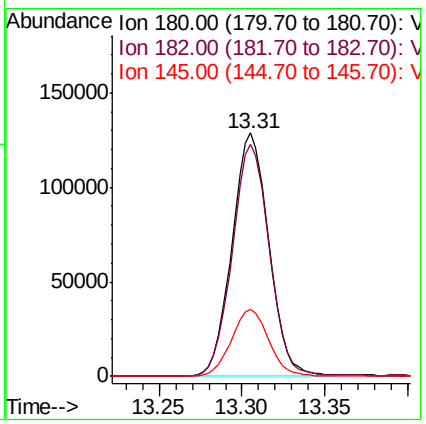


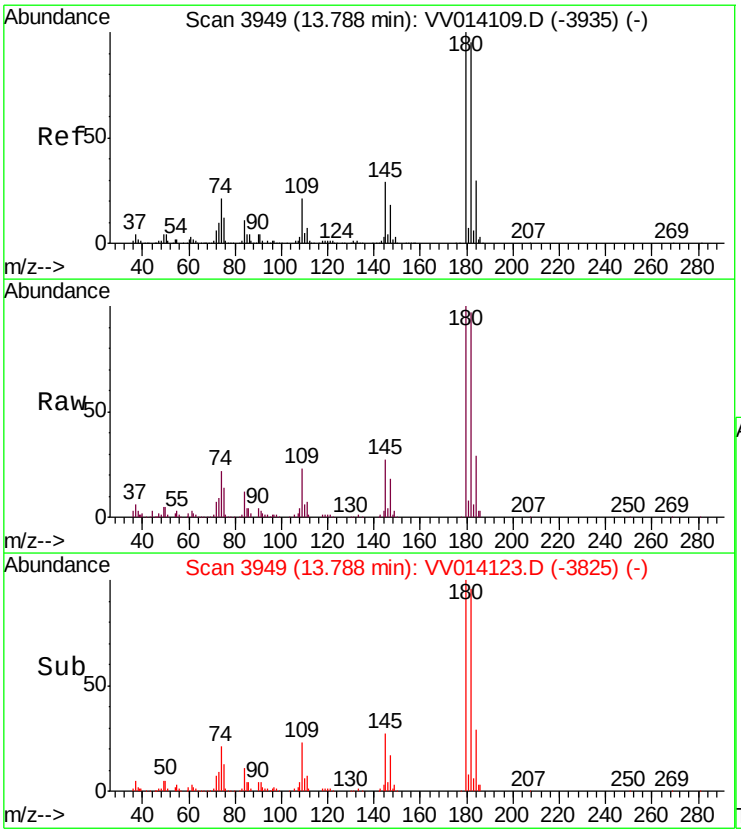
#68
1,2,4-trichlorobenzene
Concen: 24.199 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. -0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0D40

Tgt Ion:180 Resp: 200110

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	27.8	21.9	32.9





#70
1,2,3-Trichlorobenzene
Concen: 6.766 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VV014123.D
Acq: 18 Dec 2019 15:45

Tgt Ion:180 Resp: 58512

Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.0	115.4
145	29.9	22.6	34.0