Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121819\
Data File : VV014120.D
Acq On : 18 Dec 2019 14:33
Operator : SY/MD
Sample : K6356-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D37

Quant Time: Dec 19 08:10:59 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	732276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	711154	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322279	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	210046	49.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.20%			
7) Chloroethane-d5	1.58	69	199742	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.36%			
11) 1,1-Dichloroethene-d2	2.13	63	295316	31.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.06%			
21) 2-Butanone-d5	3.92	46	313248	105.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.08%			
24) Chloroform-d	4.40	84	426880	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.08	65	272999	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.88%			
32) Benzene-d6	5.10	84	838822	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.04%			
36) 1,2-Dichloropropane-d6	6.11	67	271853	49.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.30%			
41) Toluene-d8	7.36	98	691397	41.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.32%			
43) trans-1,3-Dichloropropene-	7.66	79	110766	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.30%			
47) 2-Hexanone-d5	8.13	63	192867	93.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.38%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	351934	43.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.88%			
64) 1,2-Dichlorobenzene-d4	11.67	152	301356	47.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.22%			

Target Compounds						Qvalue
13) Acetone	2.18	43	13276	3.039	ug/L	88
25) Chloroform	4.42	83	30699	3.063	ug/L	99
51) Chlorobenzene	8.92	112	25747	1.708	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	8630	0.789	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	102527	9.693	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	5607	0.724	ug/L	91
70) 1,2,3-Trichlorobenzene	13.79	180	5469	0.675	ug/L	97

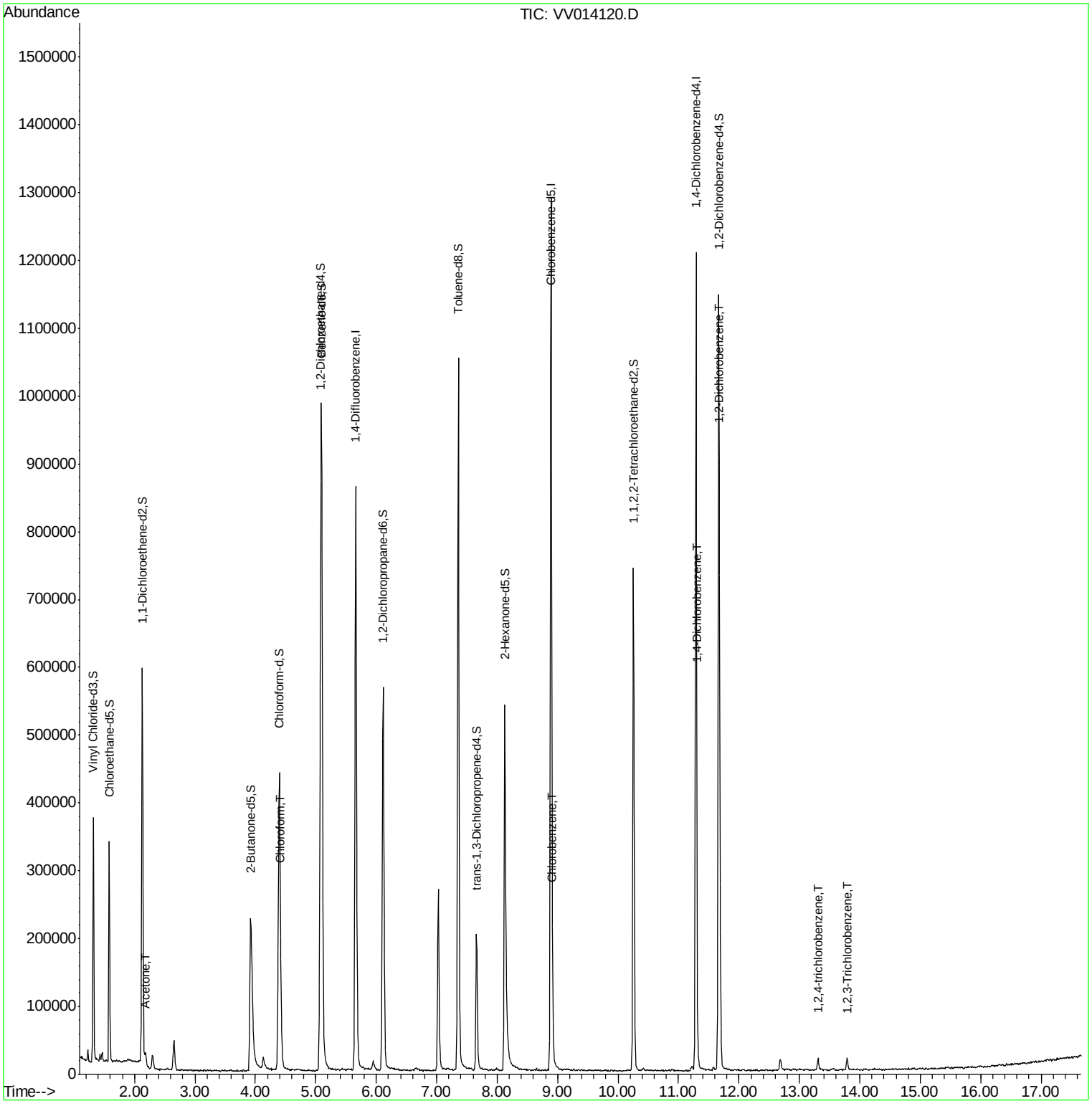
(#) = qualifier out of range (m) = manual integration (+) = signals summed

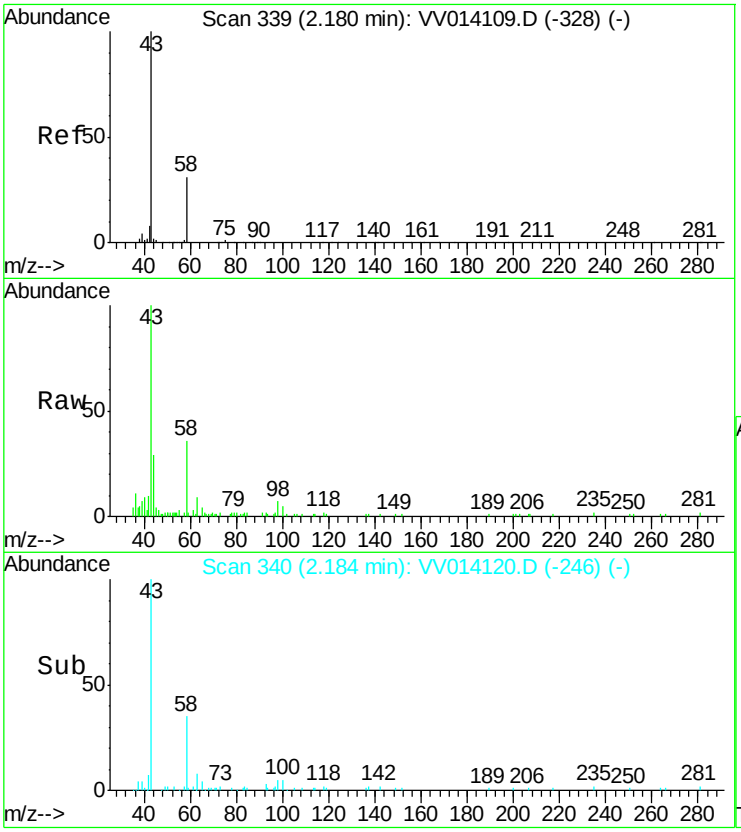
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121819\
Data File : VV014120.D
Acq On : 18 Dec 2019 14:33
Operator : SY/MD
Sample : K6356-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D37

Quant Time: Dec 19 08:10:59 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



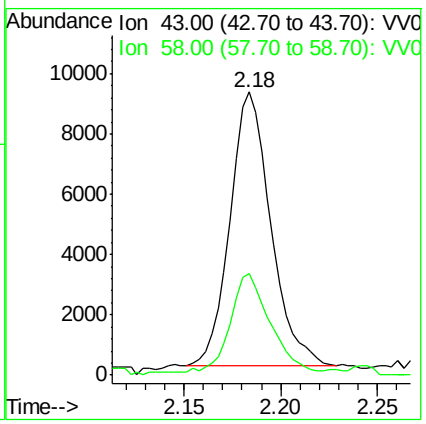


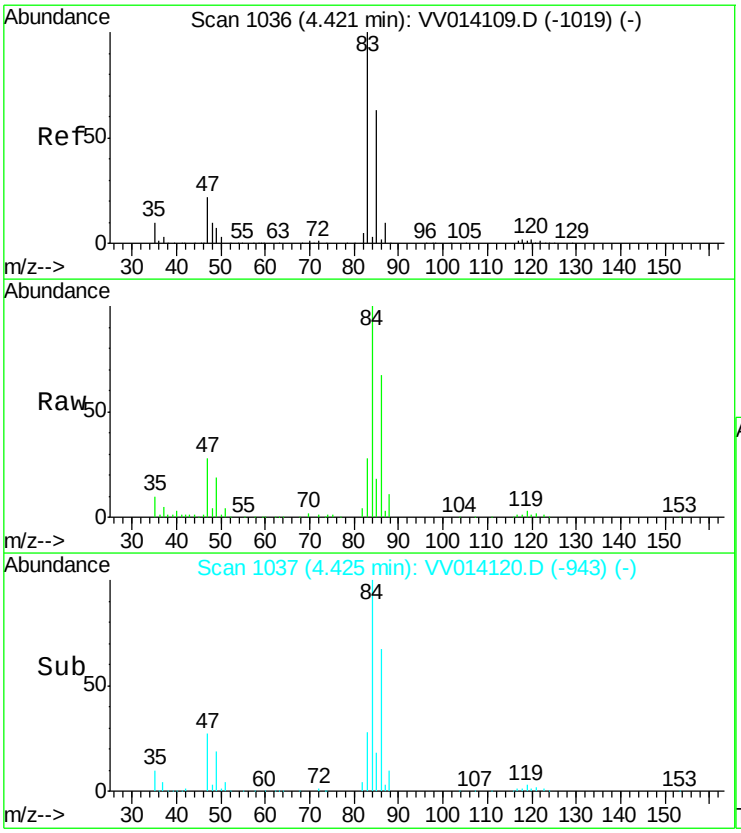
#13
Acetone
Concen: 3.039 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Instrument : MSVOA_V
ClientSampleId : C0D37

Tgt Ion: 43 Resp: 13276

Ion	Ratio	Lower	Upper
43	100		
58	37.1	0.0	60.8

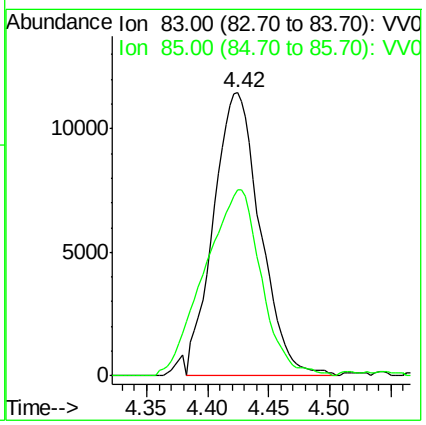


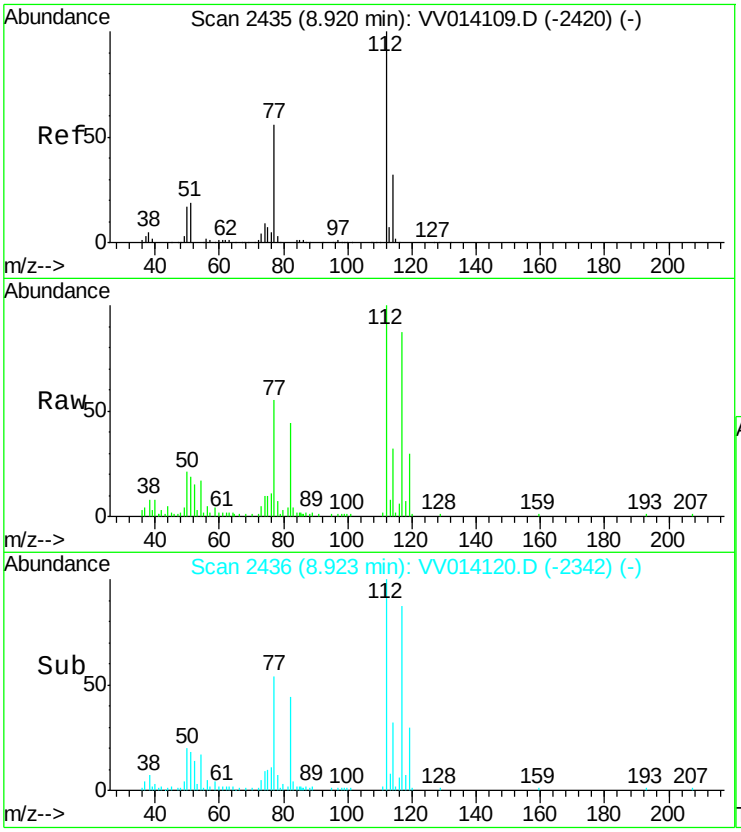


#25
Chloroform
Concen: 3.063 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Tgt Ion: 83 Resp: 30699

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.7	84.9



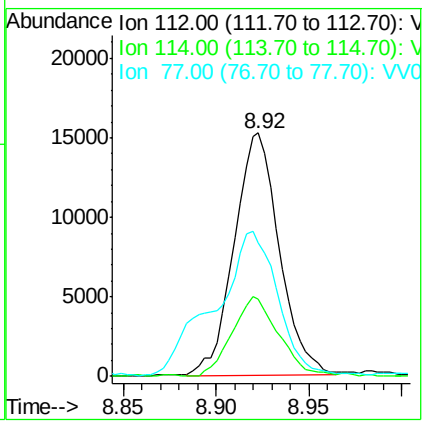


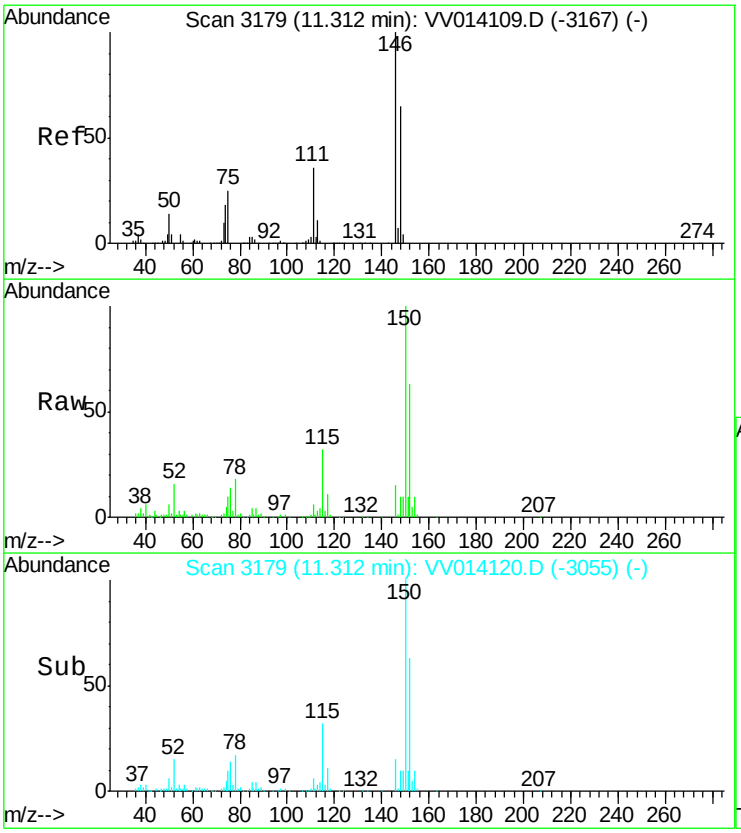
#51
Chlorobenzene
Concen: 1.708 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Instrument : MSVOA_V
ClientSampleId : C0D37

Tgt Ion:112 Resp: 25747

Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.2	43.2
77	54.9	45.0	67.4

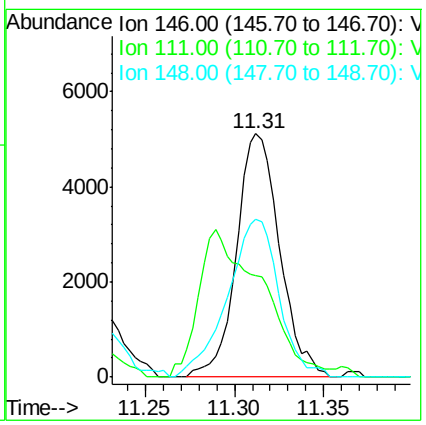


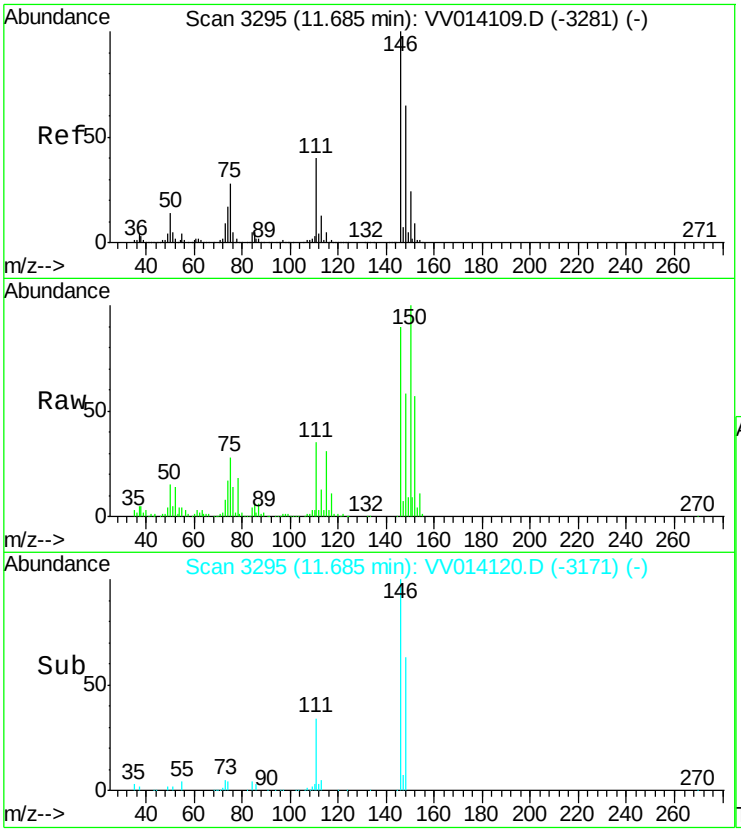


#63
1,4-Dichlorobenzene
Concen: 0.789 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Tgt Ion:146 Resp: 8630

Ion	Ratio	Lower	Upper
146	100		
111	41.8	25.4	47.2
148	65.0	44.9	83.5



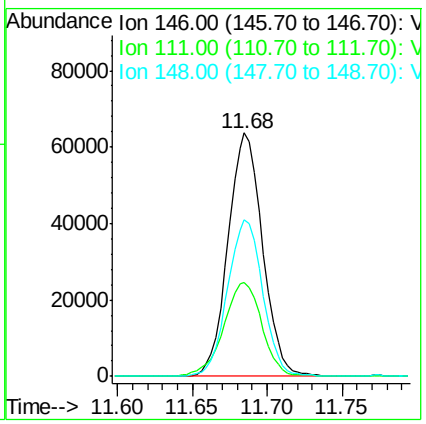


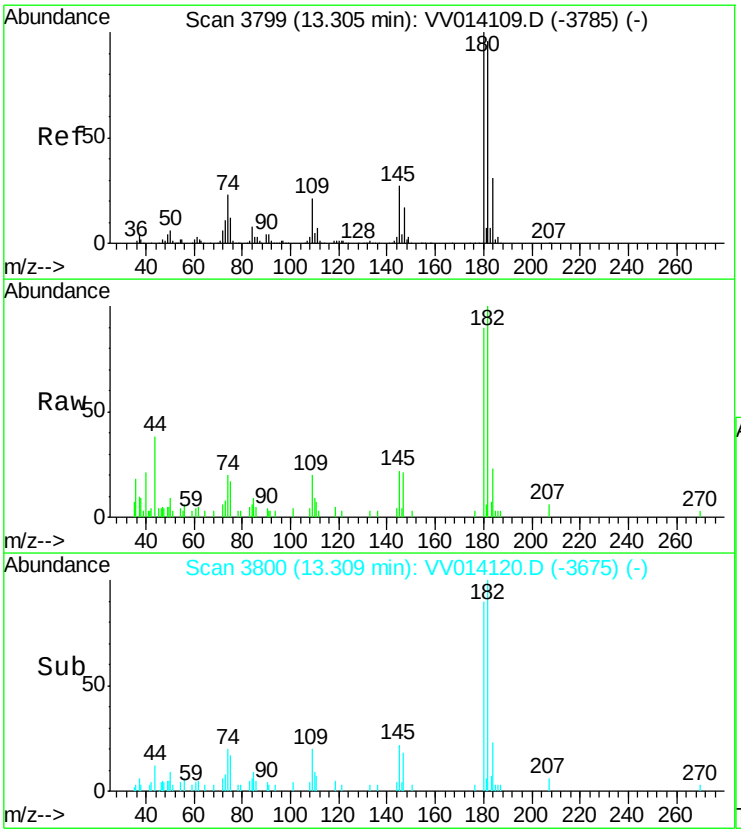
#65
1,2-Dichlorobenzene
Concen: 9.693 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Instrument :
MSVOA_V
ClientSampleId :
C0D37

Tgt Ion:146 Resp: 102527

Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.4	47.0
148	64.1	51.5	77.3

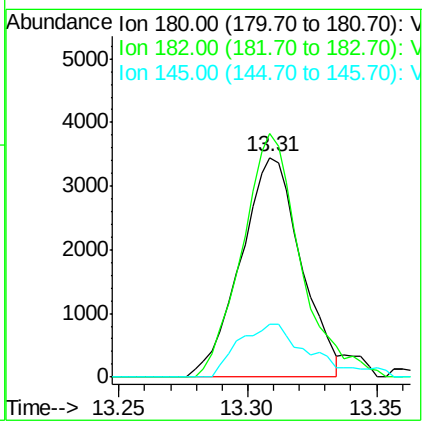


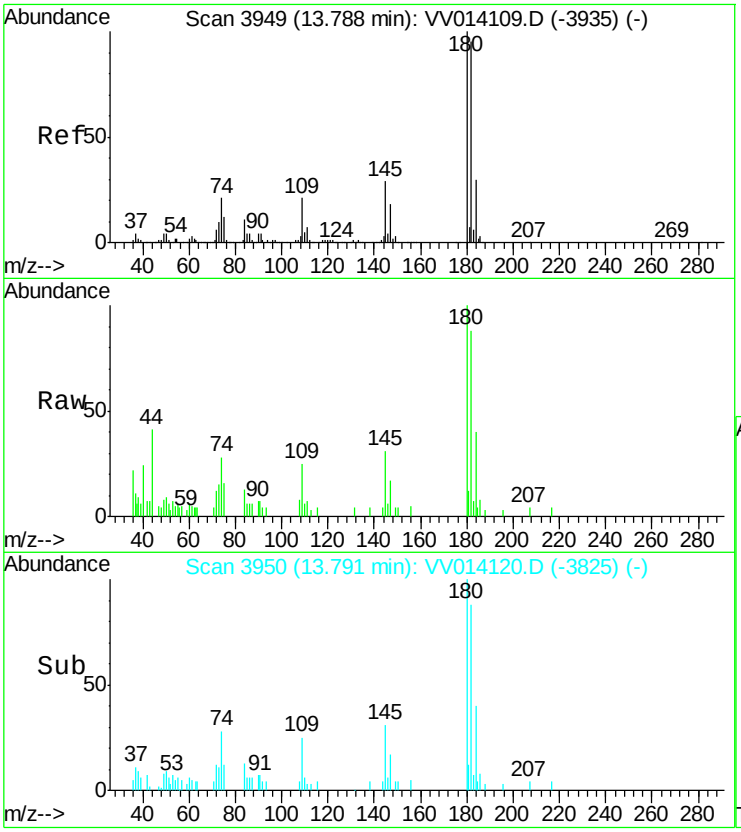


#68
1,2,4-trichlorobenzene
Concen: 0.724 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Tgt Ion:180 Resp: 5607

Ion	Ratio	Lower	Upper
180	100		
182	104.8	76.2	114.4
145	23.2	21.9	32.9





#70
1,2,3-Trichlorobenzene
Concen: 0.675 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Instrument :
MSVOA_V
ClientSampleId :
C0D37

Tgt Ion:180 Resp: 5469

Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.0	115.4
145	32.1	22.6	34.0