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

Quantitation Report (Not Reviewed)

Data File : VV014122.D
Acq On : 18 Dec 2019 15:21
Operator : SY/MD
Sample : K6356-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D40DL

Quant Time: Dec 19 07:10:08 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	761052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	741492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342867	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	213932	48.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.20%			
7) Chloroethane-d5	1.58	69	205699	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.54%			
11) 1,1-Dichloroethene-d2	2.13	63	300235	30.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.70%			
21) 2-Butanone-d5	3.92	46	315440	101.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.82%			
24) Chloroform-d	4.40	84	434862	47.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.08%			
26) 1,2-Dichloroethane-d4	5.08	65	273637	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
32) Benzene-d6	5.10	84	851177	44.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.11	67	275865	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.66%			
41) Toluene-d8	7.36	98	700911	40.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.02%			
43) trans-1,3-Dichloropropene-	7.66	79	112295	40.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.02%			
47) 2-Hexanone-d5	8.13	63	201812	93.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.71%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	368839	44.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.34%			
64) 1,2-Dichlorobenzene-d4	11.67	152	312918	46.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.94%			
Target Compounds						Qvalue
13) Acetone	2.19	43	7169	1.579	ug/L	92
33) Benzene	5.14	78	174481	7.902	ug/L	100
48) 2-Hexanone	8.13	43	25557	4.597	ug/L #	68
51) Chlorobenzene	8.92	112	484763	30.840	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	22998	2.044	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	214292	18.425	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	287879	25.581	ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	37854	4.143	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	37854	4.592	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	14453	1.677	ug/L	97

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

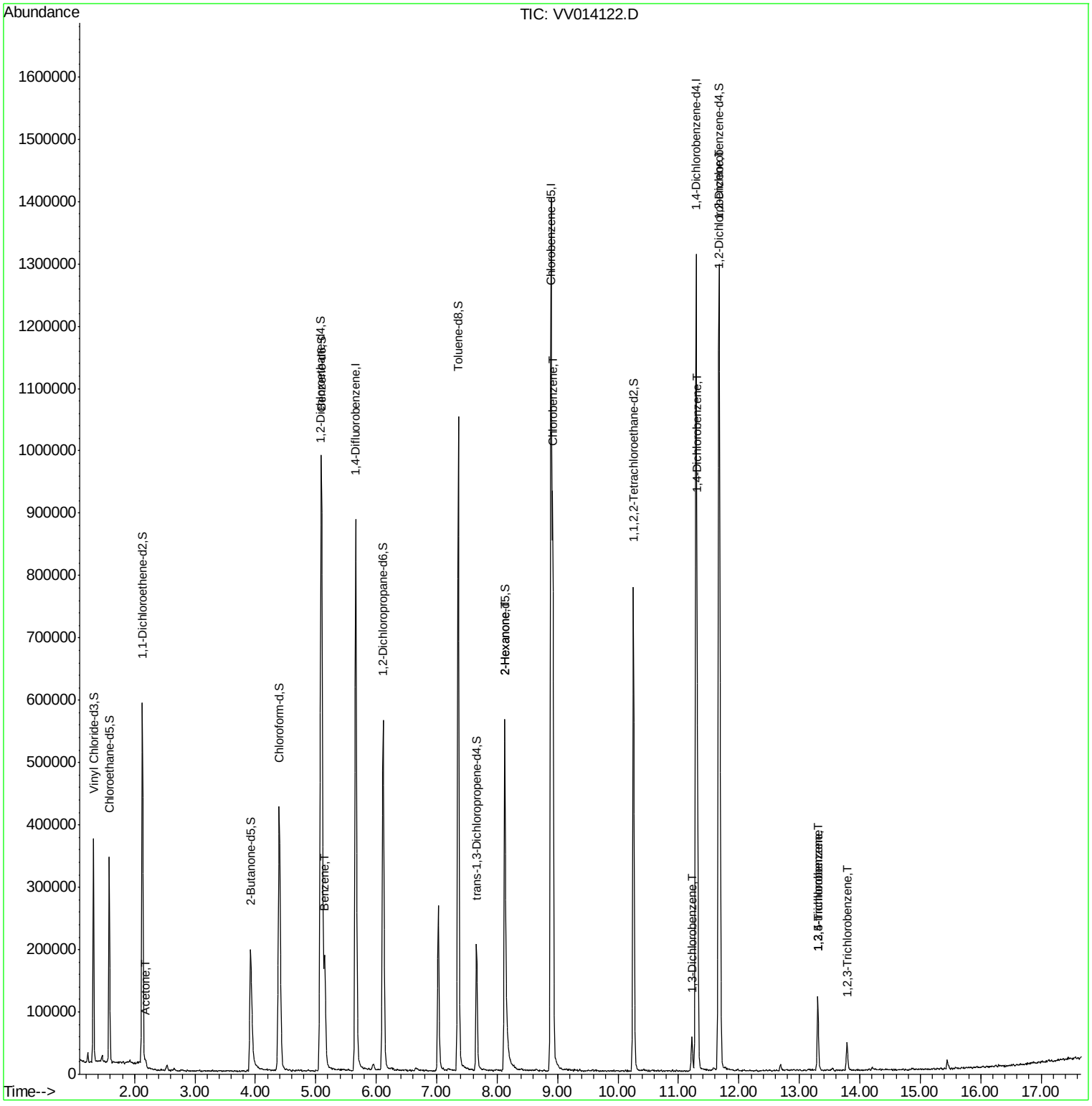
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121819\

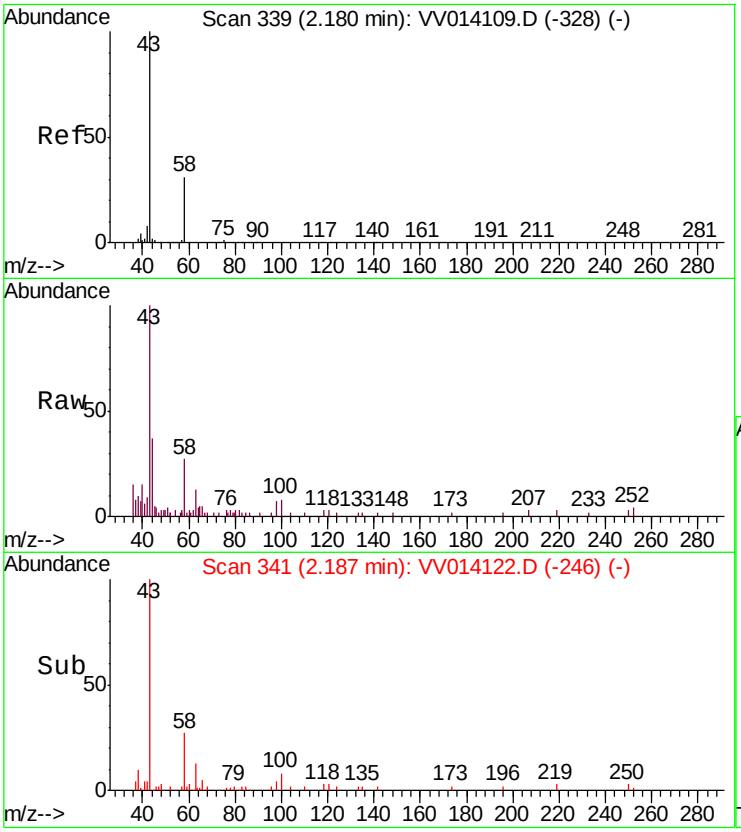
Quantitation Report (Not Reviewed)

Data File : VV014122.D
Acq On : 18 Dec 2019 15:21
Operator : SY/MD
Sample : K6356-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D40DL

Quant Time: Dec 19 07:10:08 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



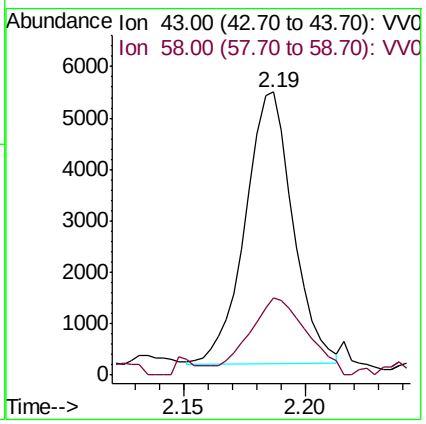


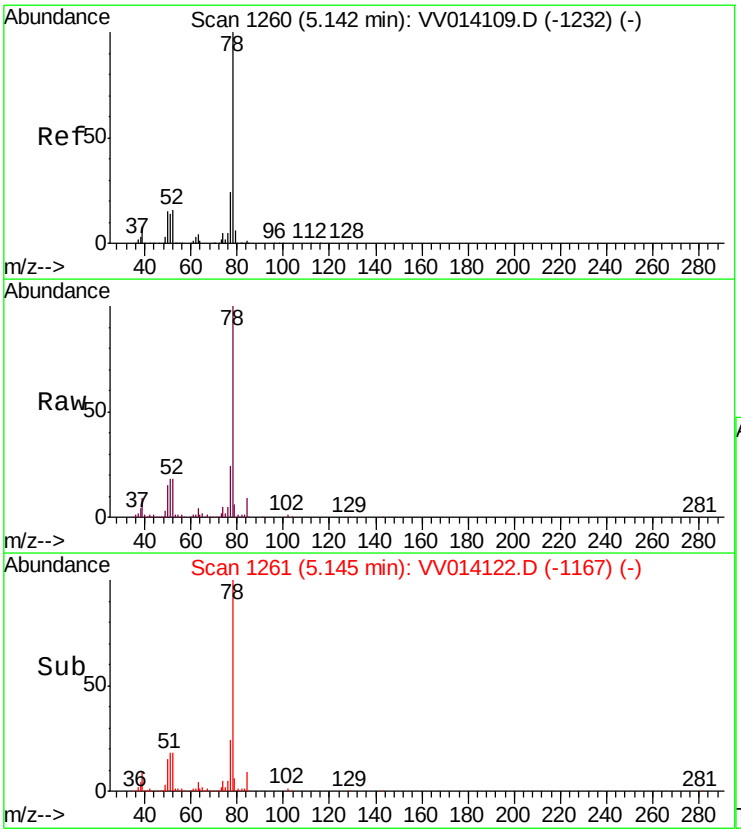
#13
Acetone
Concen: 1.579 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.01 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Instrument : MSVOA_V
ClientSampleId : C0D40DL

Tgt Ion: 43 Resp: 7169

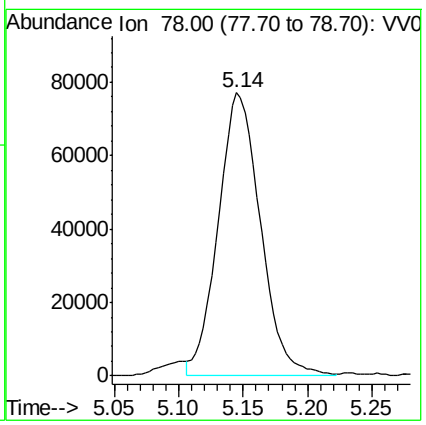
Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	60.8

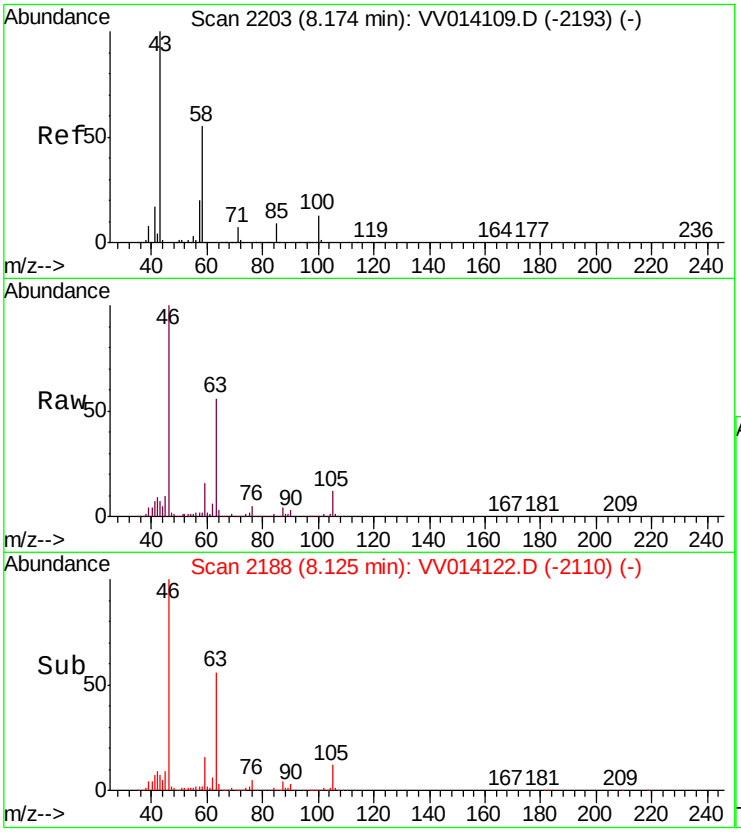




#33
Benzene
Concen: 7.902 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Tgt Ion: 78 Resp: 174481



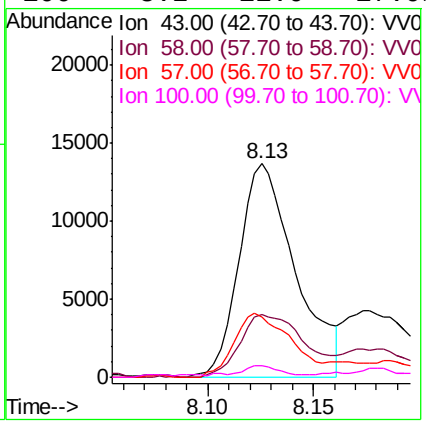


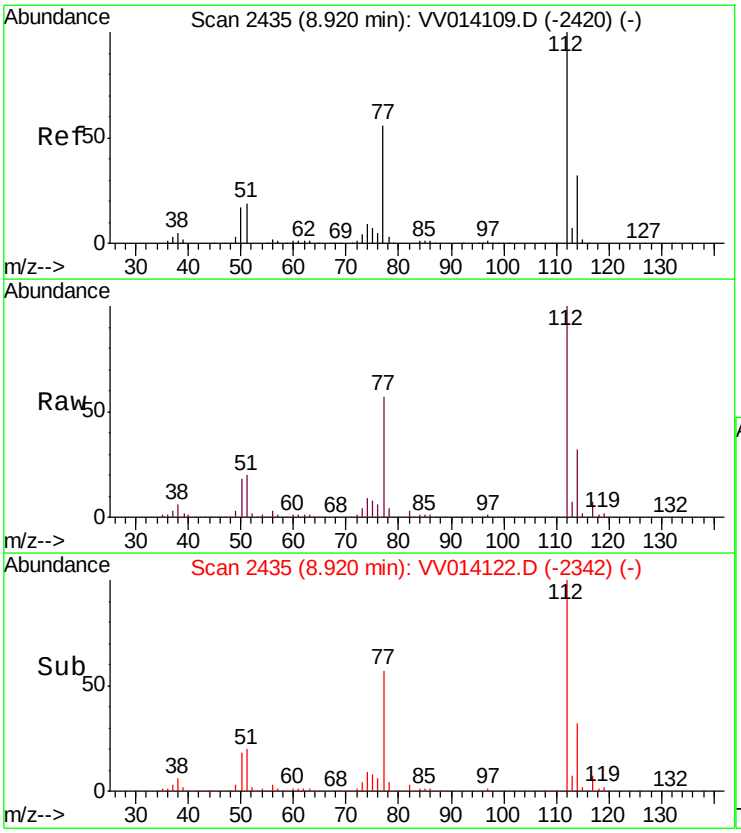
#48
2-Hexanone
Concen: 4.597 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Instrument : MSVOA_V
ClientSampleId : C0D40DL

Tgt Ion: 43 Resp: 25557

Ion	Ratio	Lower	Upper
43	100		
58	32.8	48.4	72.6#
57	29.9	16.6	24.8#
100	3.2	11.9	17.9#

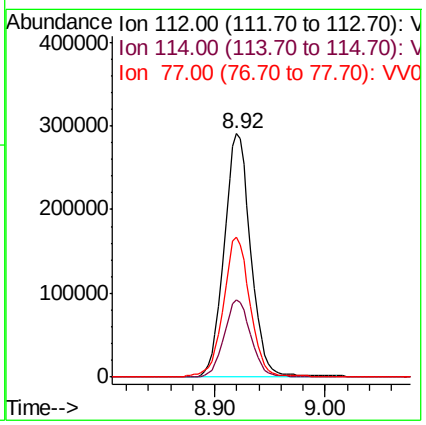


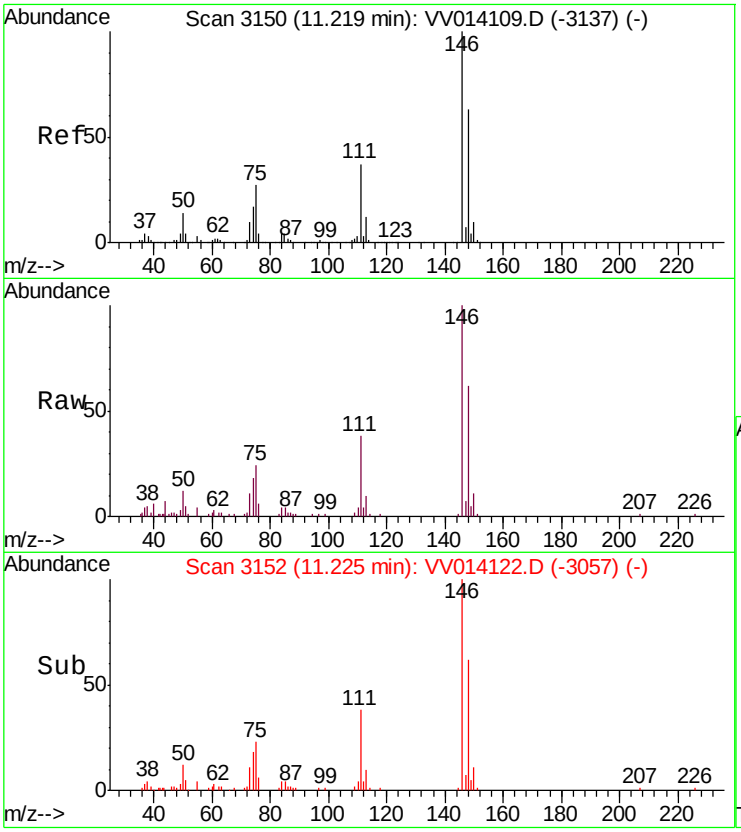


#51
Chlorobenzene
Concen: 30.840 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Tgt Ion:112 Resp: 484763

Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.2	43.2
77	57.3	45.0	67.4



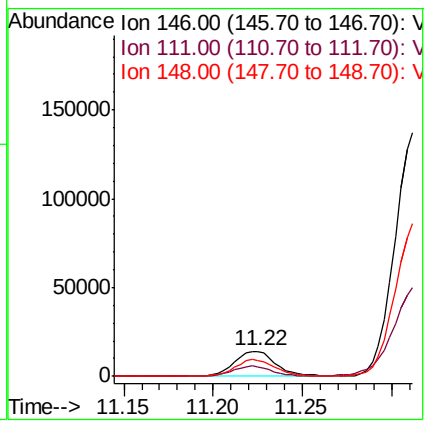


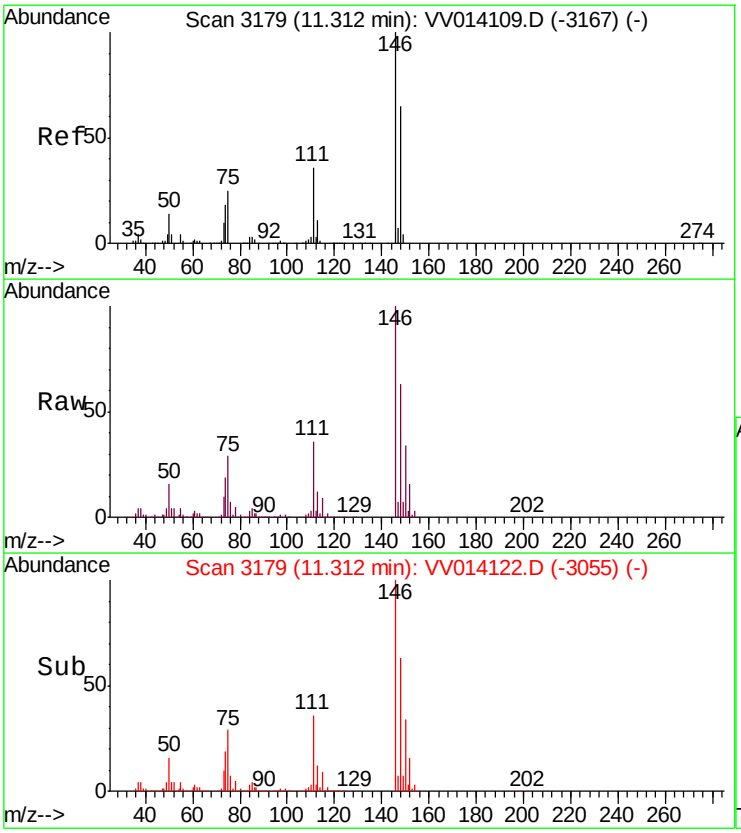
#62
1,3-Dichlorobenzene
Concen: 2.044 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.01 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Instrument : MSVOA_V
ClientSampleId : C0D40DL

Tgt Ion:146 Resp: 22998

Ion	Ratio	Lower	Upper
146	100		
111	37.7	25.8	48.0
148	62.3	45.2	84.0

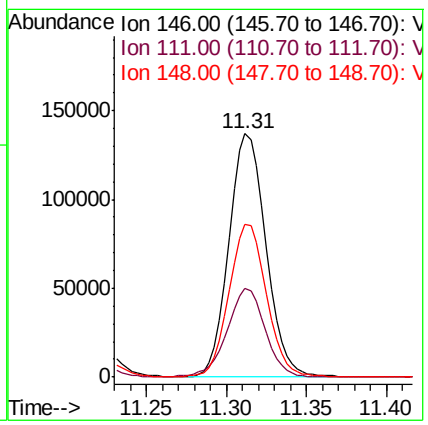


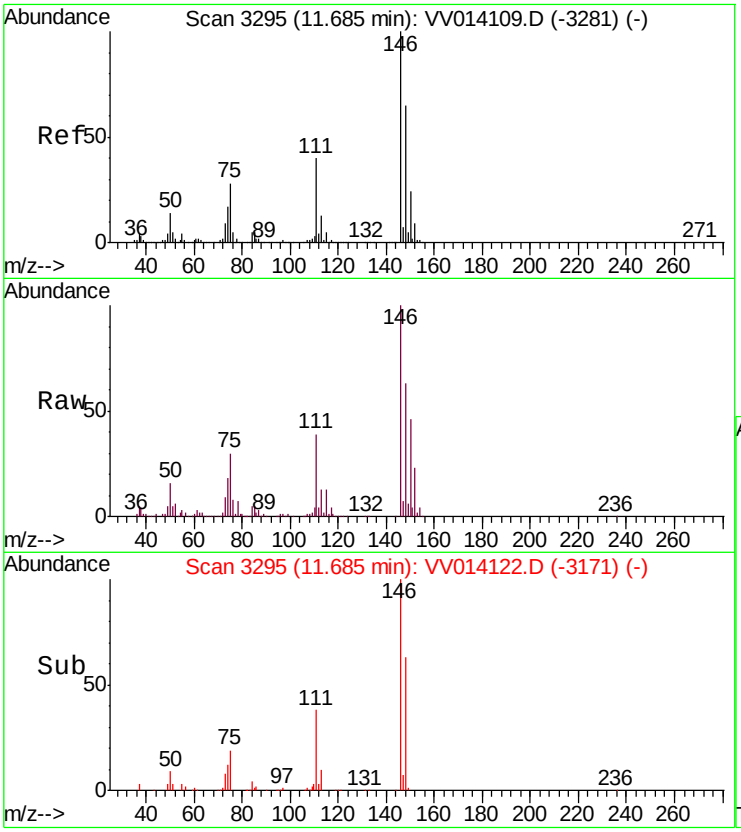


#63
1,4-Dichlorobenzene
Concen: 18.425 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Tgt Ion:146 Resp: 214292

Ion	Ratio	Lower	Upper
146	100		
111	36.2	25.4	47.2
148	62.7	44.9	83.5



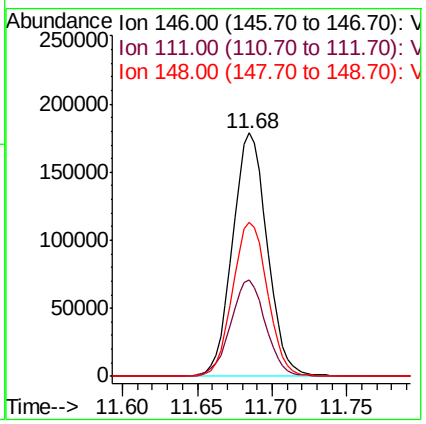


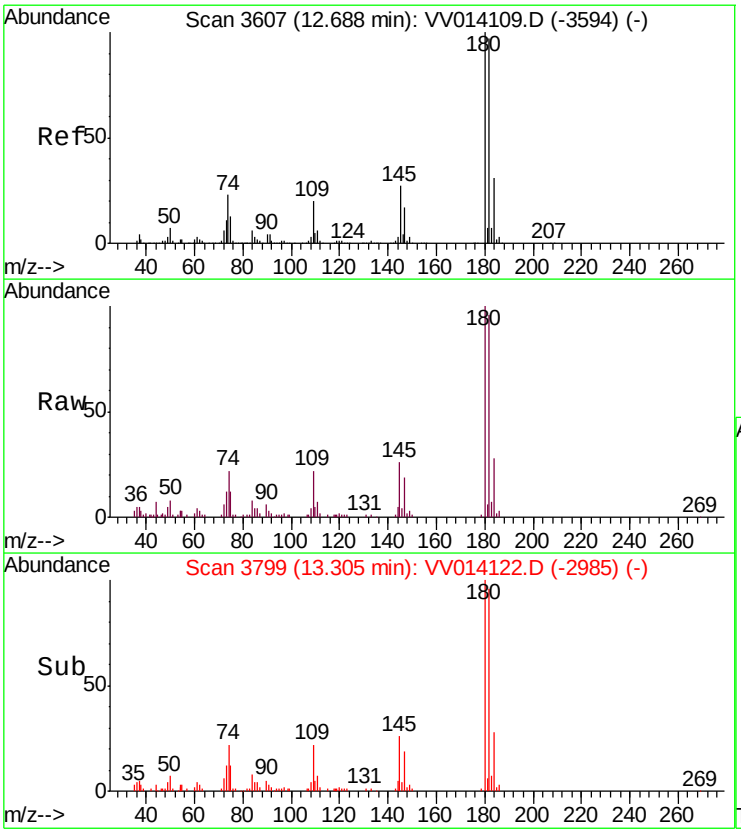
#65
1,2-Dichlorobenzene
Concen: 25.581 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Instrument : MSVOA_V
ClientSampleId : C0D40DL

Tgt Ion:146 Resp: 287879

Ion	Ratio	Lower	Upper
146	100		
111	39.5	31.4	47.0
148	63.1	51.5	77.3

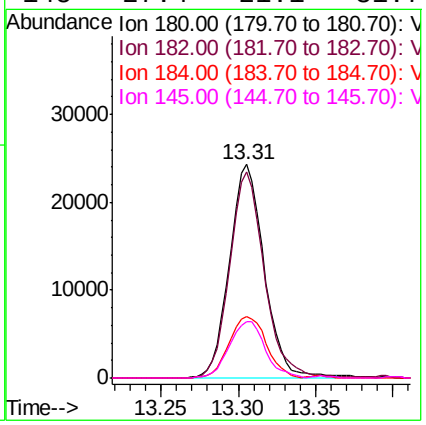


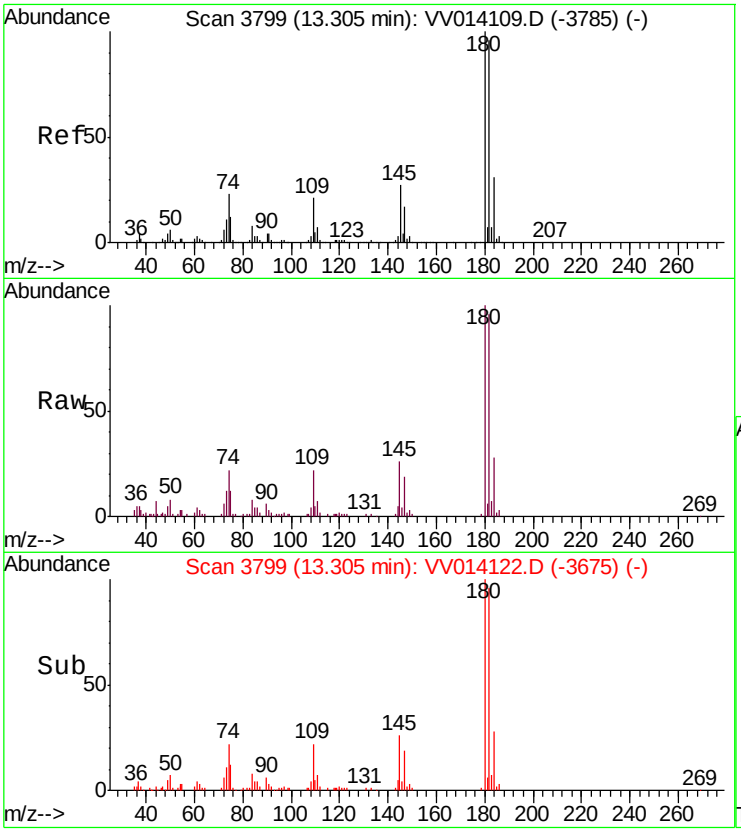


#67
1,3,5-Trichlorobenzene
Concen: 4.143 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.62 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Tgt Ion:180 Resp: 37854

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
184	31.0	24.2	36.4
145	27.4	21.1	31.7



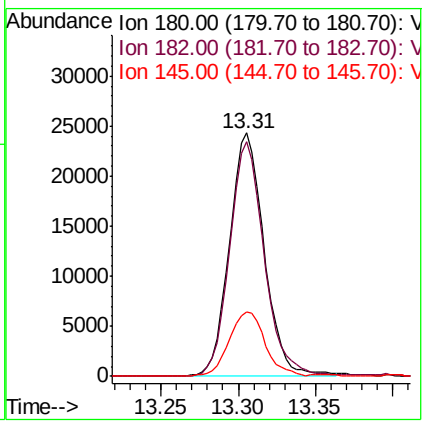


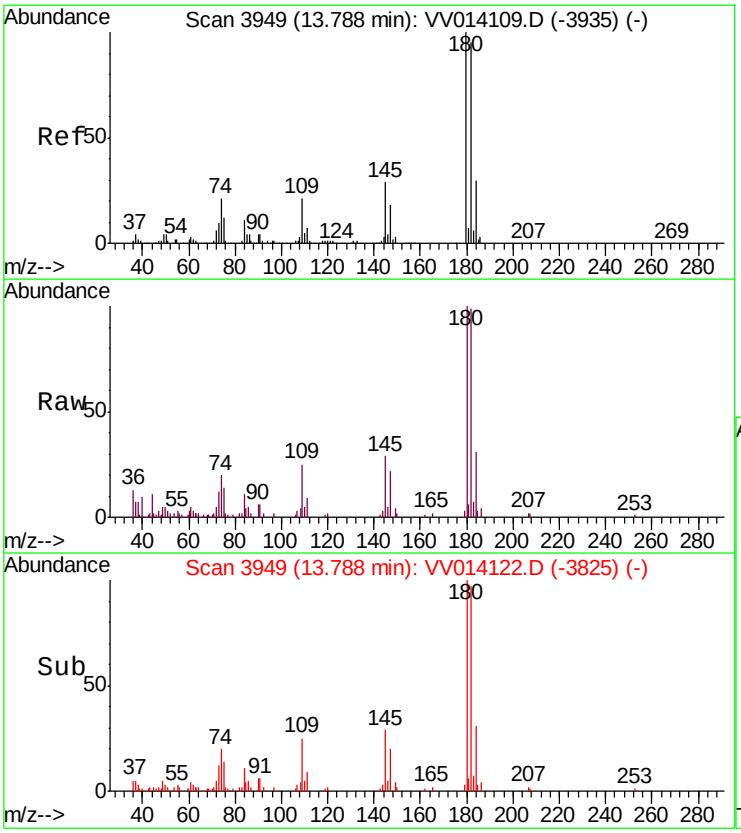
#68
1,2,4-trichlorobenzene
Concen: 4.592 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. -0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Instrument :
MSVOA_V
ClientSampleId :
C0D40DL

Tgt Ion:180 Resp: 37854

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	27.4	21.9	32.9





#70
1,2,3-Trichlorobenzene
Concen: 1.677 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VV014122.D
Acq: 18 Dec 2019 15:21

Tgt Ion:180 Resp: 14453

Ion	Ratio	Lower	Upper
180	100		
182	98.7	77.0	115.4
145	31.7	22.6	34.0