Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\

Quantitation Report (Not Reviewed)

Data File : VV015038.D
Acq On : 19 Mar 2020 01:15
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK70

Quant Time: Mar 19 04:13:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344271	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165557	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	112227	69.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 139.54%#			
7) Chloroethane-d5	1.58	69	76167	60.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.76%			
11) 1,1-Dichloroethene-d2	2.12	63	109010	39.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.30%			
21) 2-Butanone-d5	3.94	46	108494	99.49	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.49%			
24) Chloroform-d	4.38	84	199536	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.90%			
26) 1,2-Dichloroethane-d4	5.06	65	130621	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.78%			
32) Benzene-d6	5.08	84	413307	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
36) 1,2-Dichloropropane-d6	6.09	67	120610	52.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.06%			
41) Toluene-d8	7.34	98	406278	50.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.88%			
43) trans-1,3-Dichloropropene-	7.64	79	59354	47.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.80%			
47) 2-Hexanone-d5	8.12	63	104875	98.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.18%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	170955	49.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.02%			
64) 1,2-Dichlorobenzene-d4	11.64	152	171486	51.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1375	0.929	ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1059	0.756	ug/L #	1
25) Chloroform	4.41	83	3442	0.852	ug/L	93
33) Benzene	5.13	78	15280	1.870	ug/L	100
37) 1,2-Dichloropropane	6.10	63	13609	6.886	ug/L #	84
51) Chlorobenzene	8.90	112	78533	12.090	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	15637	3.138	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	225459	43.465	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	248600	46.967	ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	135399	34.341	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	135399	37.290	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	37318	10.461	ug/L	98

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

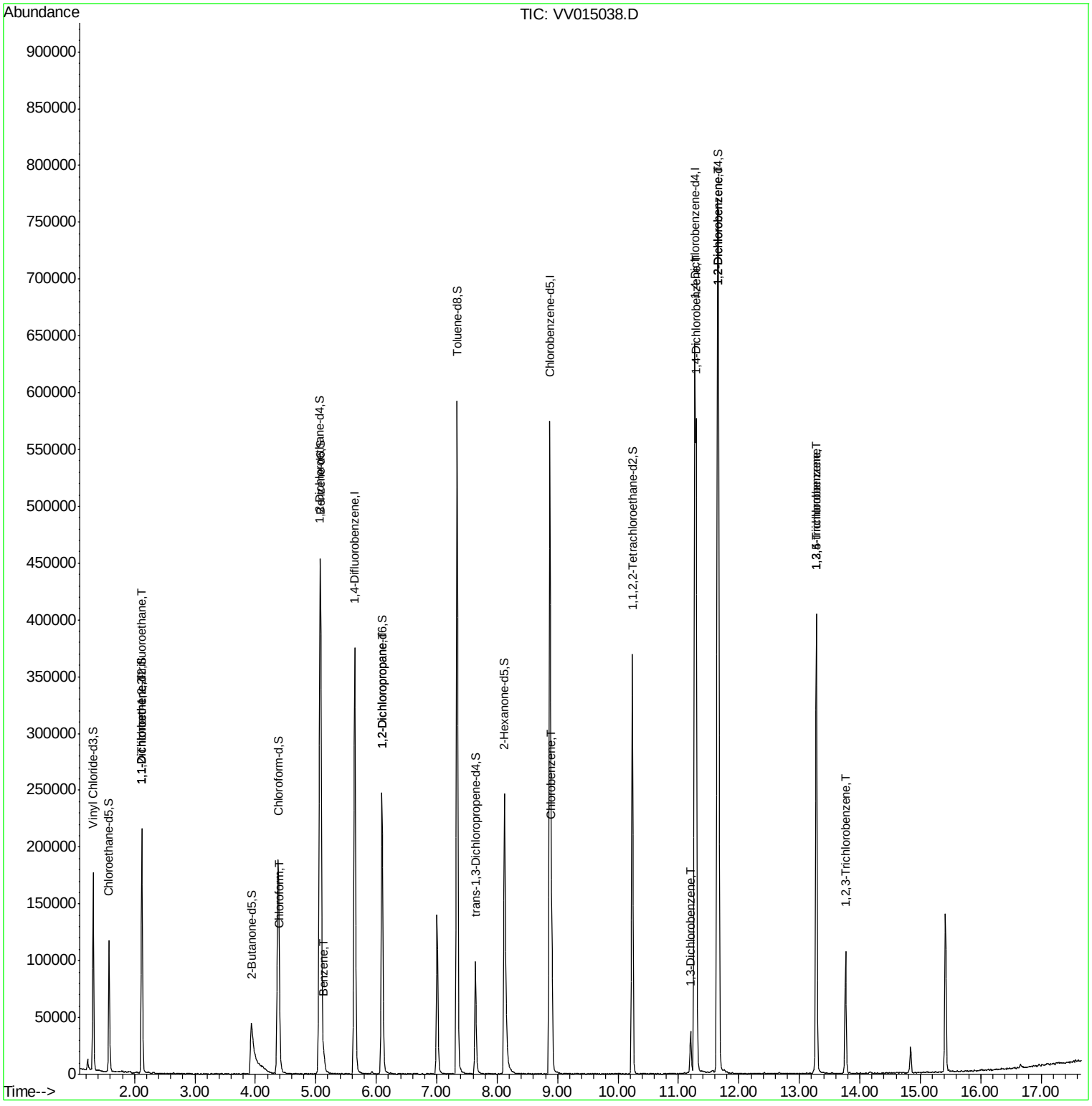
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\

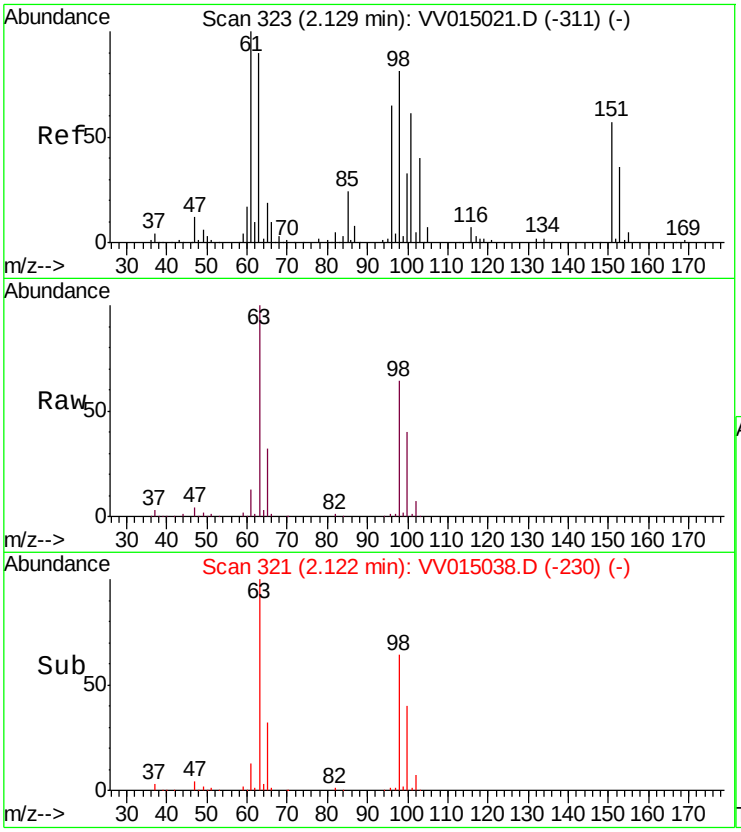
Quantitation Report (Not Reviewed)

Data File : VV015038.D
Acq On : 19 Mar 2020 01:15
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK70

Quant Time: Mar 19 04:13:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration



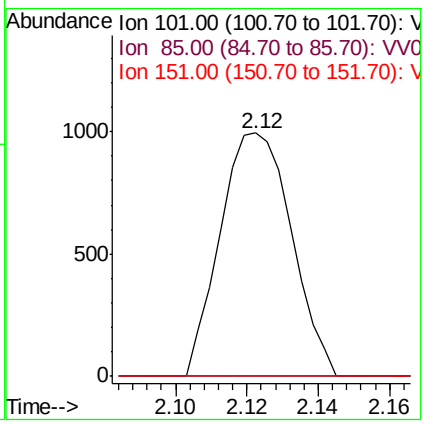


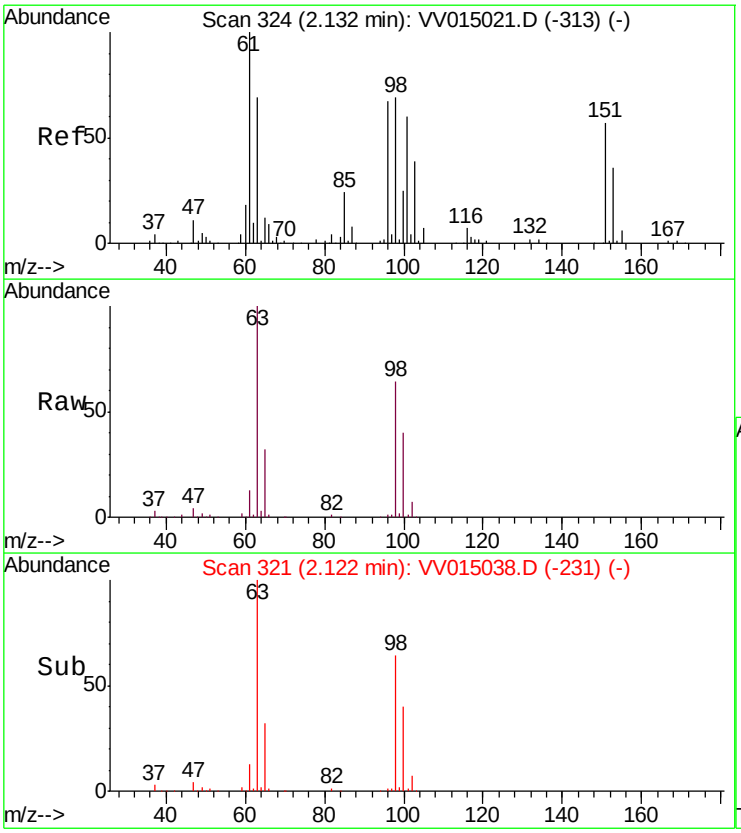
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.929 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Tgt Ion:101 Resp: 1375

Ion	Ratio	Lower	Upper
101	100		
85	3.4	33.2	49.8#
151	0.0	72.6	109.0#

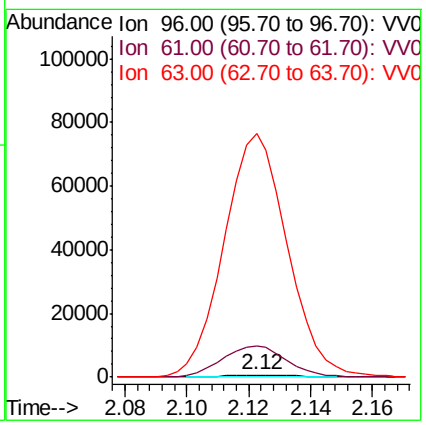


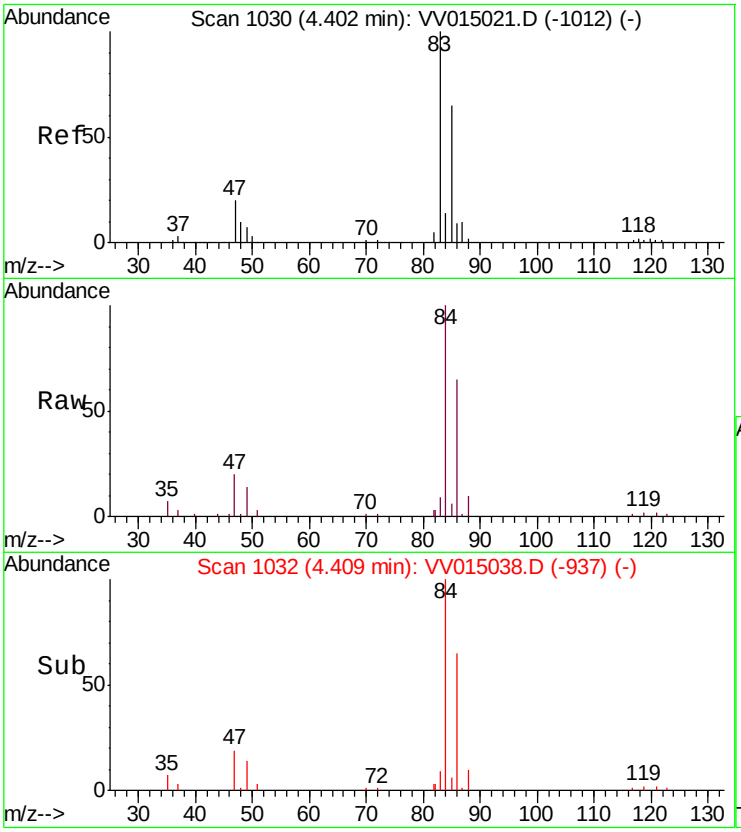


#12
1,1-Dichloroethene
Concen: 0.756 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion: 96 Resp: 1059

Ion	Ratio	Lower	Upper
96	100		
61	1463.2	105.6	196.2#
63	11317.2	75.9	140.9#



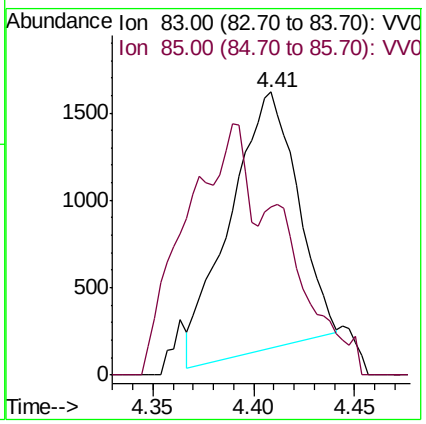


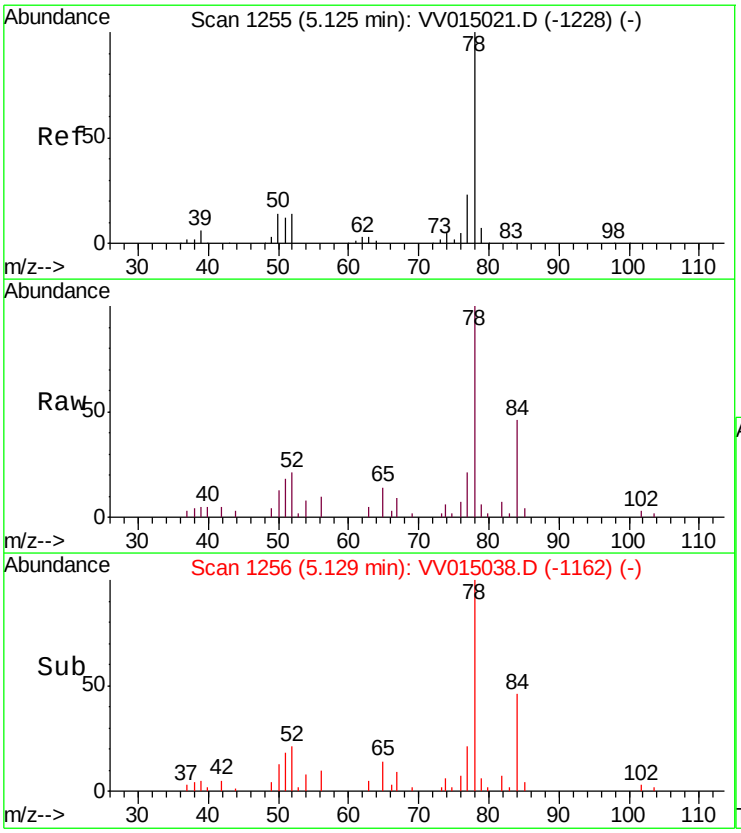
#25
Chloroform
Concen: 0.852 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Tgt Ion: 83 Resp: 3442

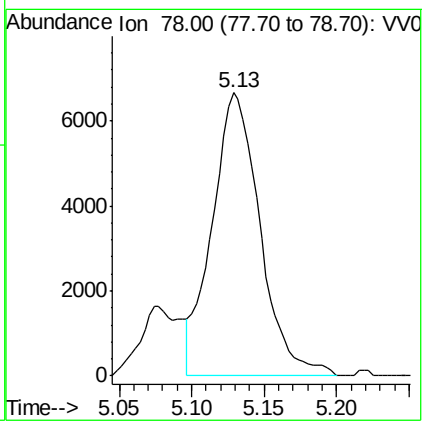
Ion	Ratio	Lower	Upper
83	100		
85	59.2	45.4	84.4

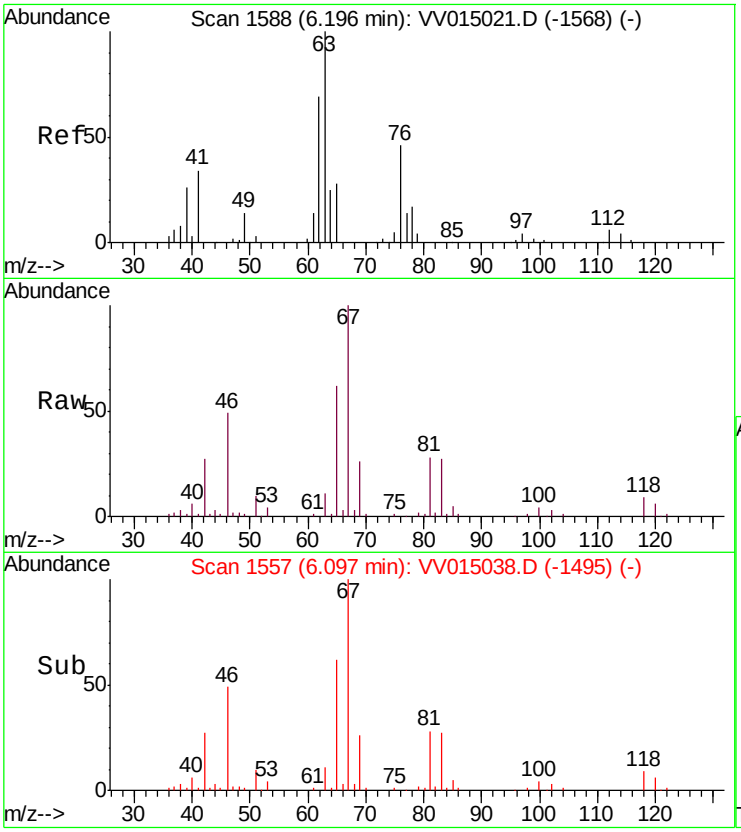




#33
Benzene
Concen: 1.870 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion: 78 Resp: 15280



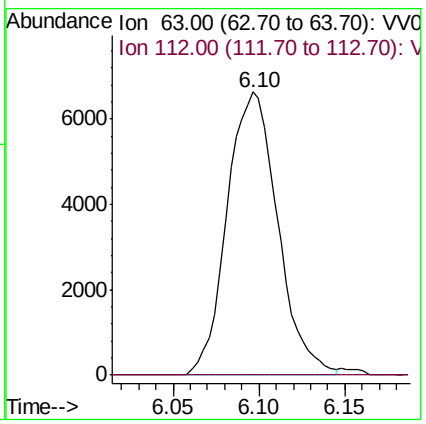


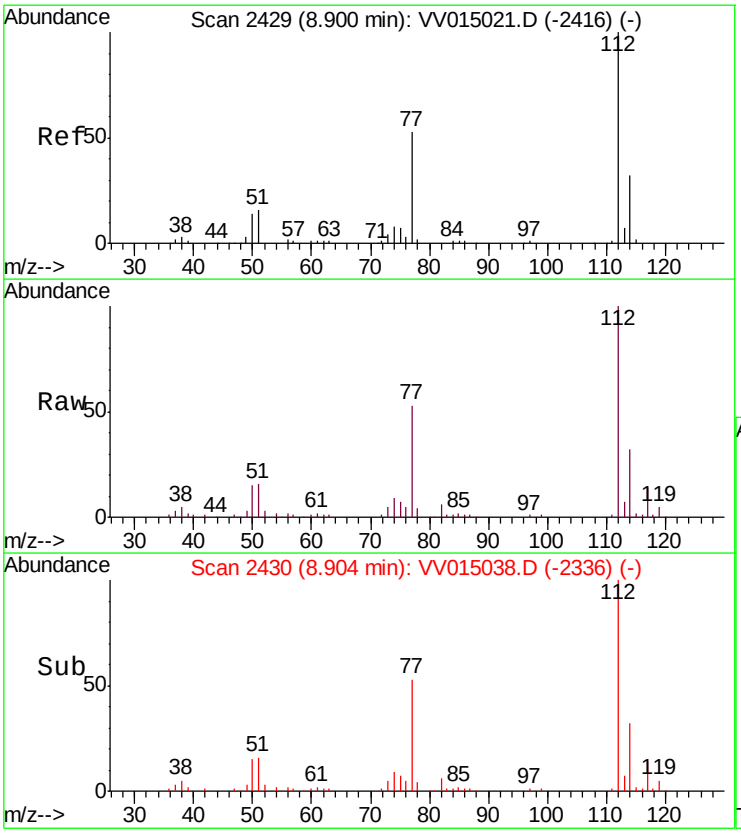
#37
1,2-Dichloropropane
Concen: 6.886 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument : MSVOA_V
ClientSampleId : VIBLK70

Tgt Ion: 63 Resp: 13609

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

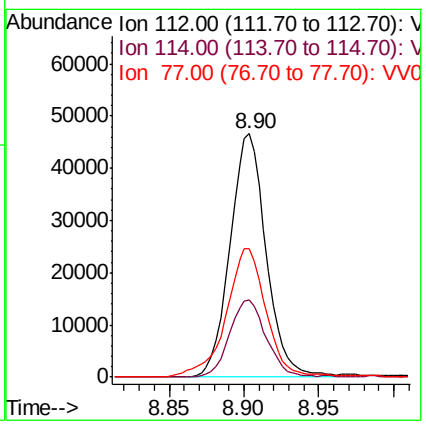


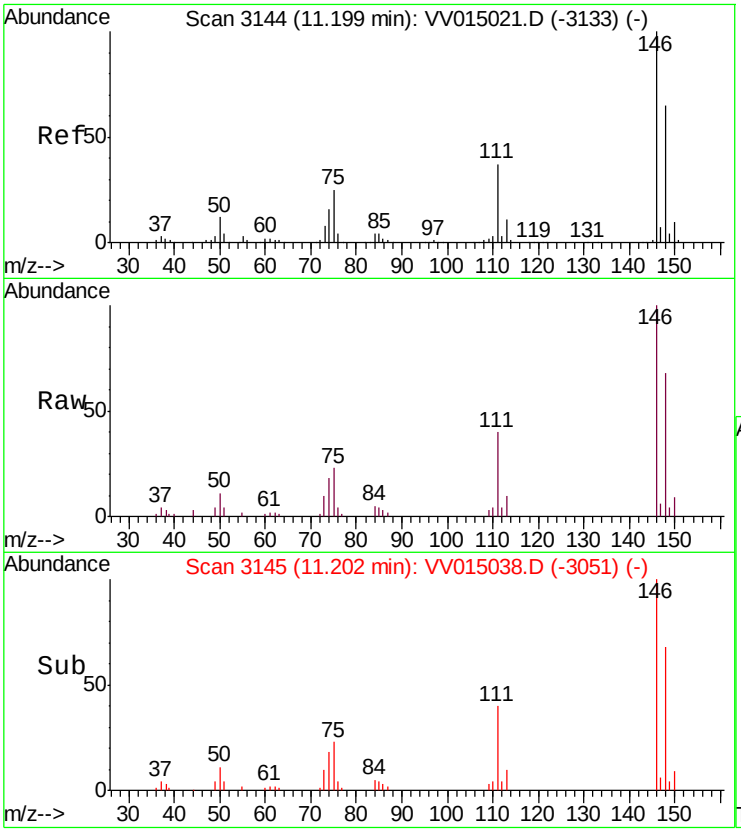


#51
Chlorobenzene
Concen: 12.090 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion:112 Resp: 78533

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	52.5	42.9	64.3



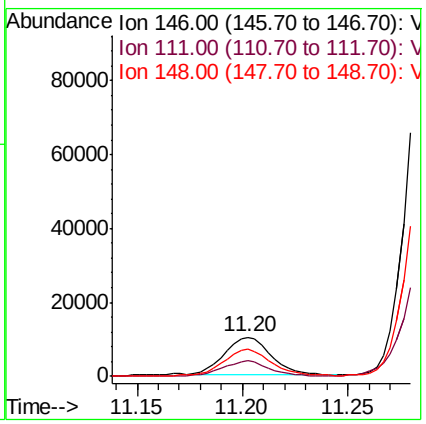


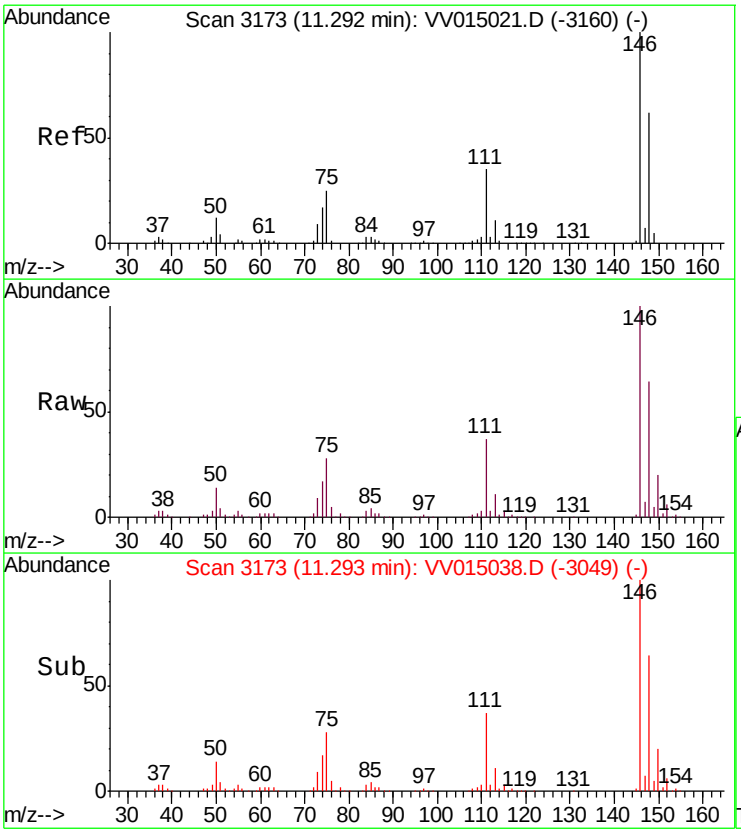
#62
1,3-Dichlorobenzene
Concen: 3.138 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument : MSVOA_V
ClientSampleId : VIBLK70

Tgt Ion:146 Resp: 15637

Ion	Ratio	Lower	Upper
146	100		
111	40.0	25.7	47.7
148	67.9	45.4	84.4

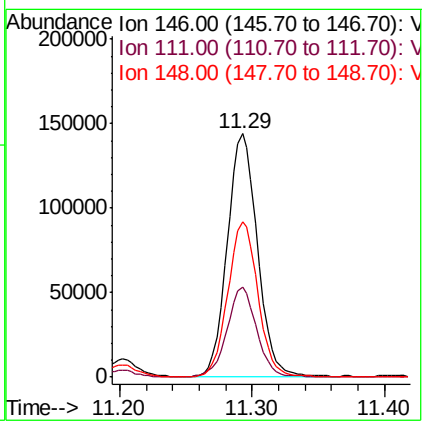


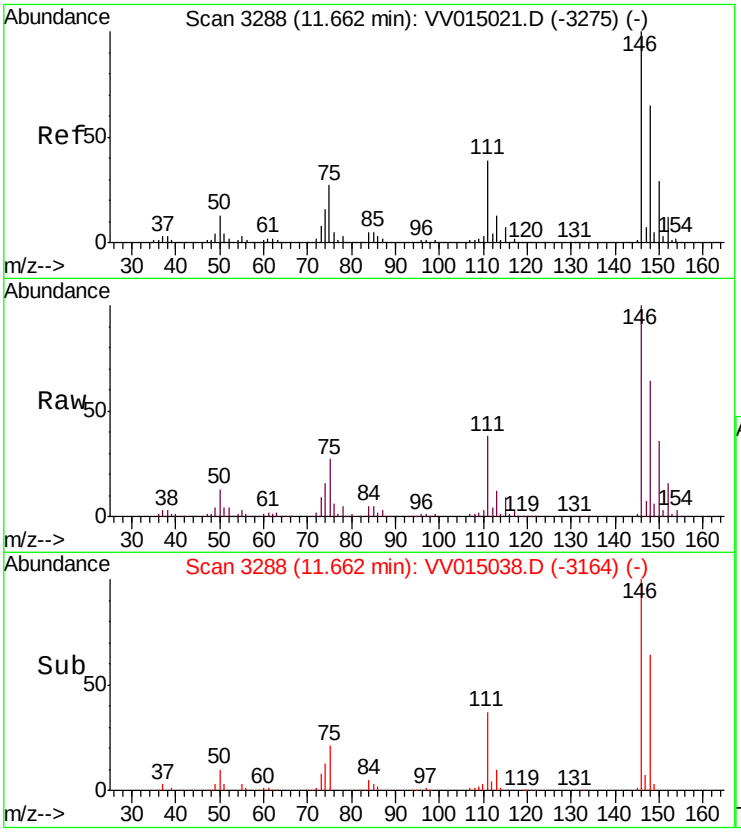


#63
1,4-Dichlorobenzene
Concen: 43.465 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion:146 Resp: 225459

Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.8	48.0
148	64.0	45.7	84.9



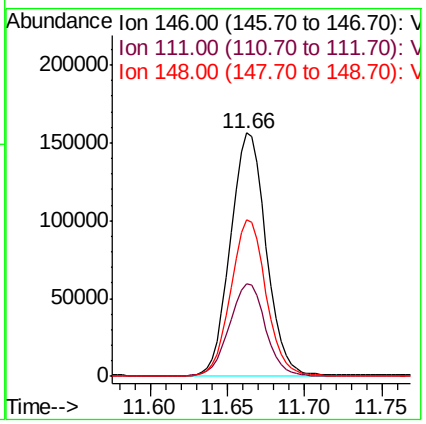


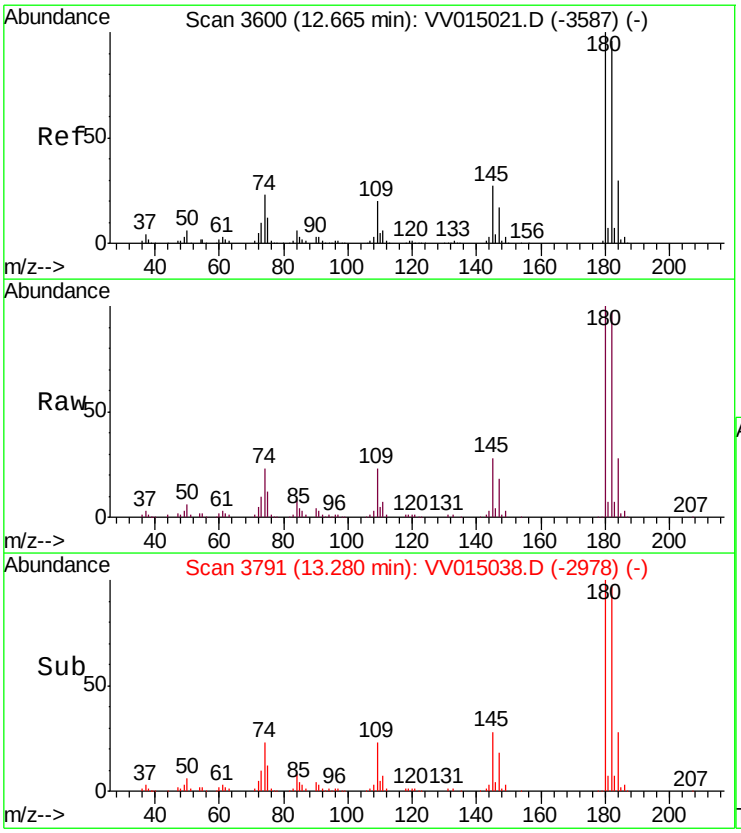
#65
1,2-Dichlorobenzene
Concen: 46.967 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument : MSVOA_V
ClientSampleId : VIBLK70

Tgt Ion:146 Resp: 248600

Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.5	47.3
148	64.3	51.7	77.5

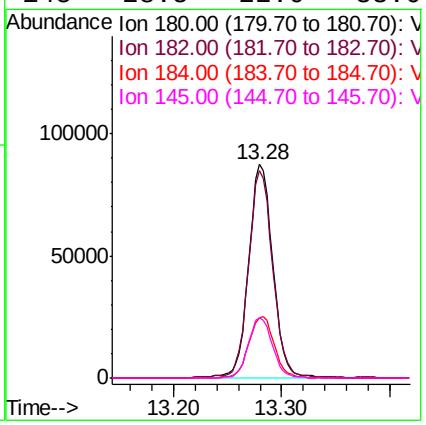


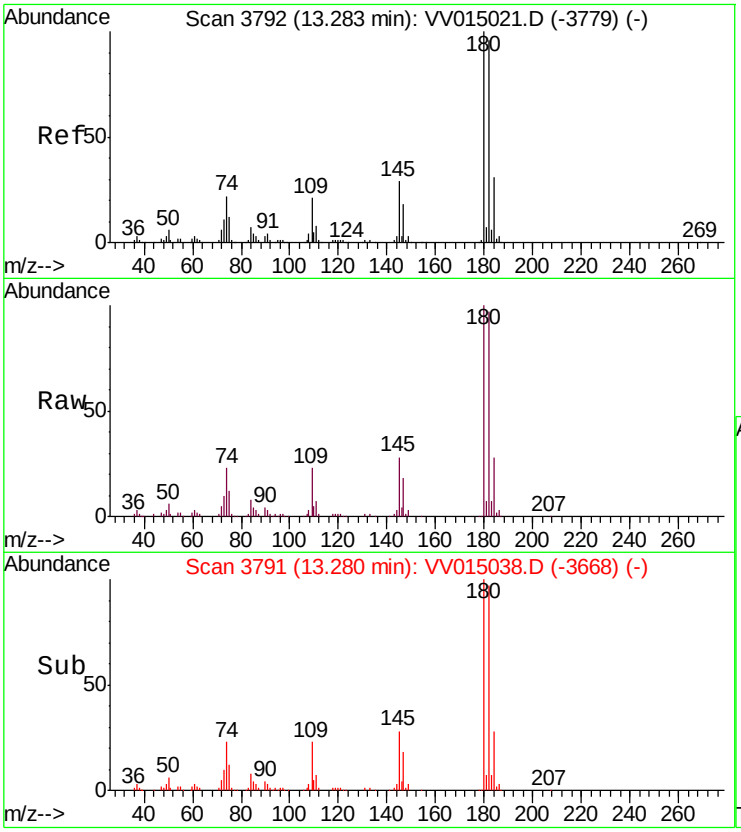


#67
1,3,5-Trichlorobenzene
Concen: 34.341 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. 0.61 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion:180 Resp: 135399

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.2	112.8
184	30.6	23.9	35.9
145	28.5	22.0	33.0



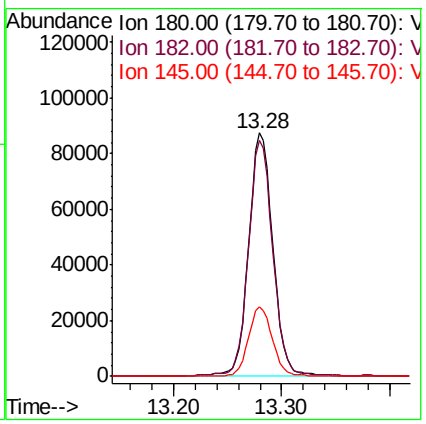


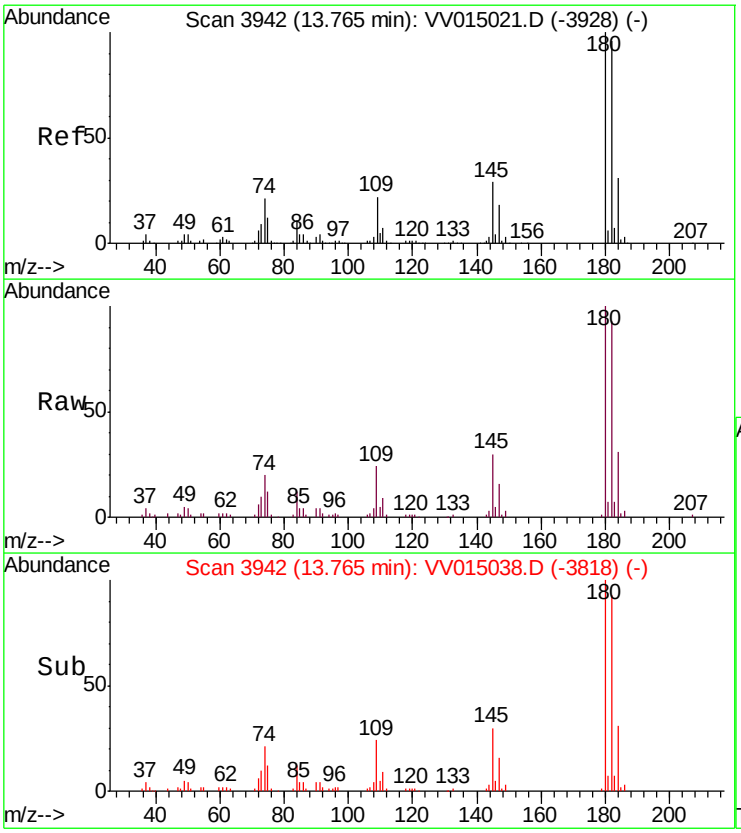
#68
1,2,4-trichlorobenzene
Concen: 37.290 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. -0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Tgt Ion:180 Resp: 135399

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	28.5	22.2	33.4





#70
1,2,3-Trichlorobenzene
Concen: 10.461 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. 0.00 min
Lab File: VV015038.D
Acq: 19 Mar 2020 01:15

Tgt Ion:180 Resp: 37318

Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.5	113.3
145	30.4	23.5	35.3