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

Quantitation Report (Not Reviewed)

Data File : VV015040.D
Acq On : 19 Mar 2020 02:04
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Quant Time: Mar 19 04:14:12 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	354709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170249	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	113972	68.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 137.54%#			
7) Chloroethane-d5	1.58	69	90996	70.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 140.04%#			
11) 1,1-Dichloroethene-d2	2.12	63	119705	42.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.52%			
21) 2-Butanone-d5	3.93	46	100216	89.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.19%			
24) Chloroform-d	4.38	84	207138	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.64%			
26) 1,2-Dichloroethane-d4	5.06	65	138291	51.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.54%			
32) Benzene-d6	5.08	84	429784	52.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.04%			
36) 1,2-Dichloropropane-d6	6.09	67	124378	51.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.88%			
41) Toluene-d8	7.34	98	418989	50.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.72%			
43) trans-1,3-Dichloropropene-	7.64	79	62441	48.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.56%			
47) 2-Hexanone-d5	8.12	63	112108	101.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.61%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	178640	49.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.16%			
64) 1,2-Dichlorobenzene-d4	11.64	152	174804	51.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.30%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1256	0.823	ug/L #	13
12) 1,1-Dichloroethene	2.12	96	1169	0.810	ug/L #	1
25) Chloroform	4.40	83	5553	1.334	ug/L	87
33) Benzene	5.13	78	57680	6.833	ug/L	100
51) Chlorobenzene	8.90	112	340093	50.685	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	33015	6.443	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	330332	61.927	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	295673	54.321	ug/L	98
67) 1,3,5-Trichlorobenzene	13.28	180	166778	41.133	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	166778	44.666	ug/L	98
70) 1,2,3-Trichlorobenzene	13.76	180	54987	14.990	ug/L	99

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

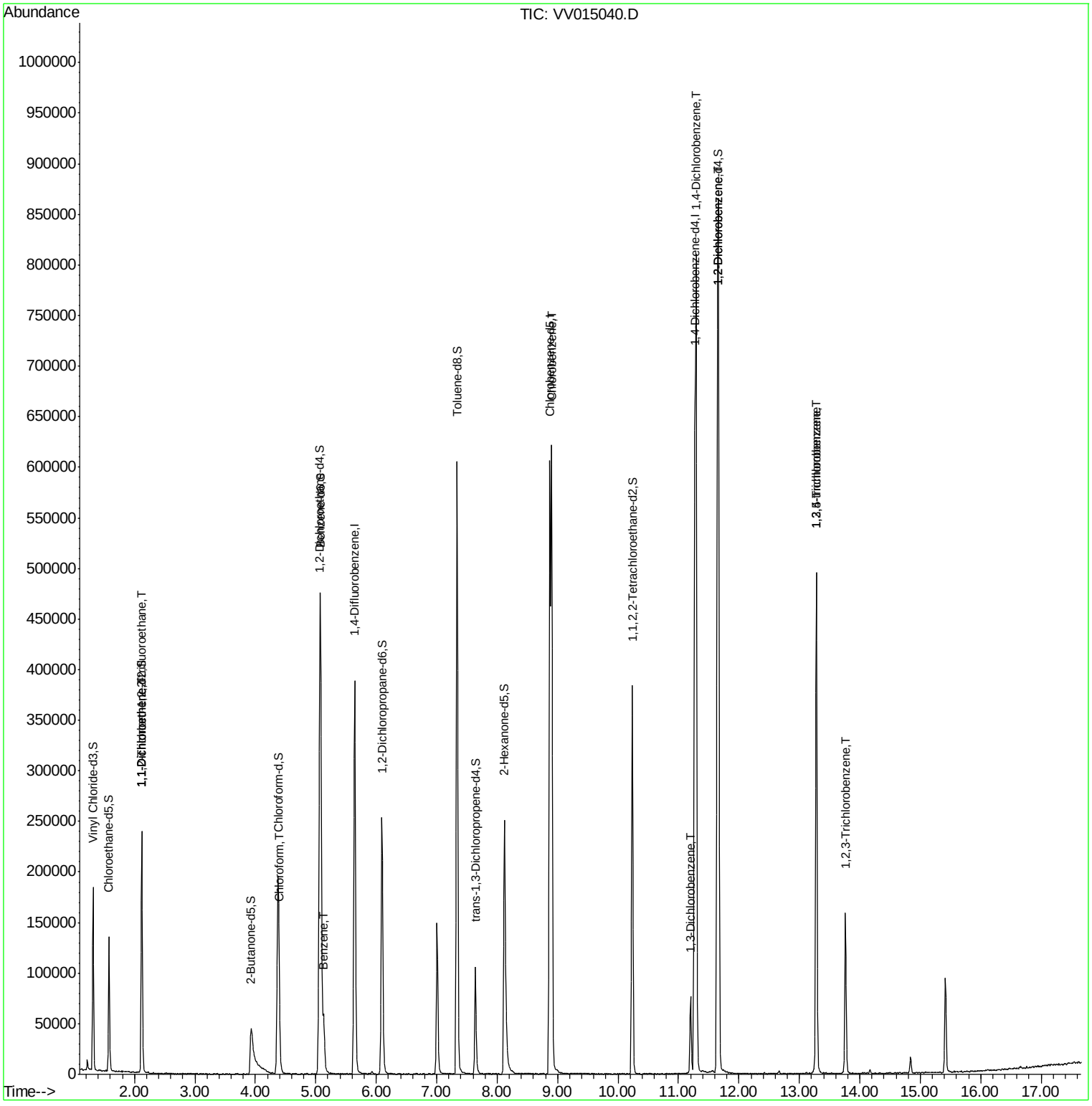
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\

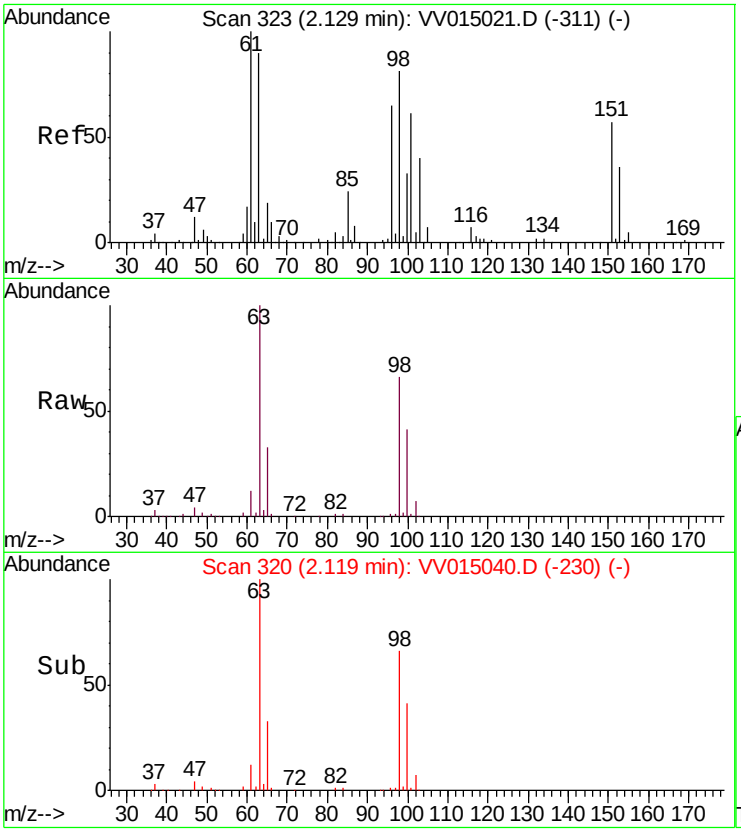
Quantitation Report (Not Reviewed)

Data File : VV015040.D
Acq On : 19 Mar 2020 02:04
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Quant Time: Mar 19 04:14:12 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



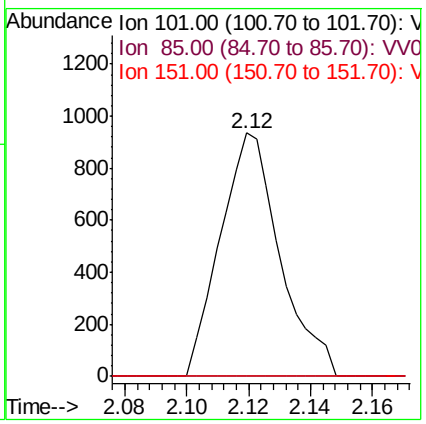


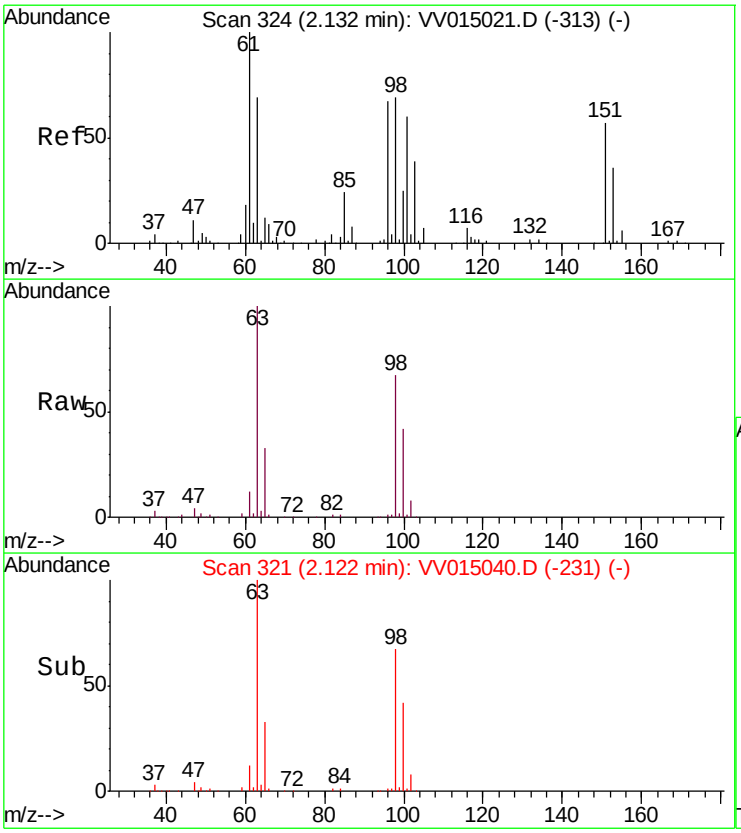
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.823 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:101 Resp: 1256

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

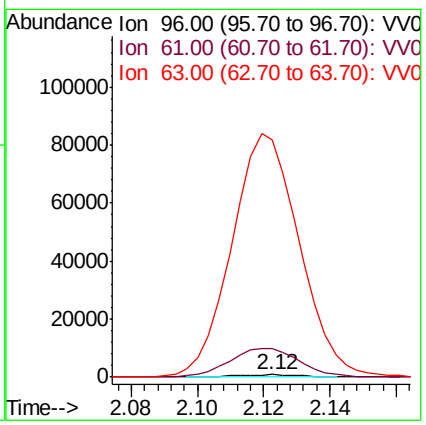


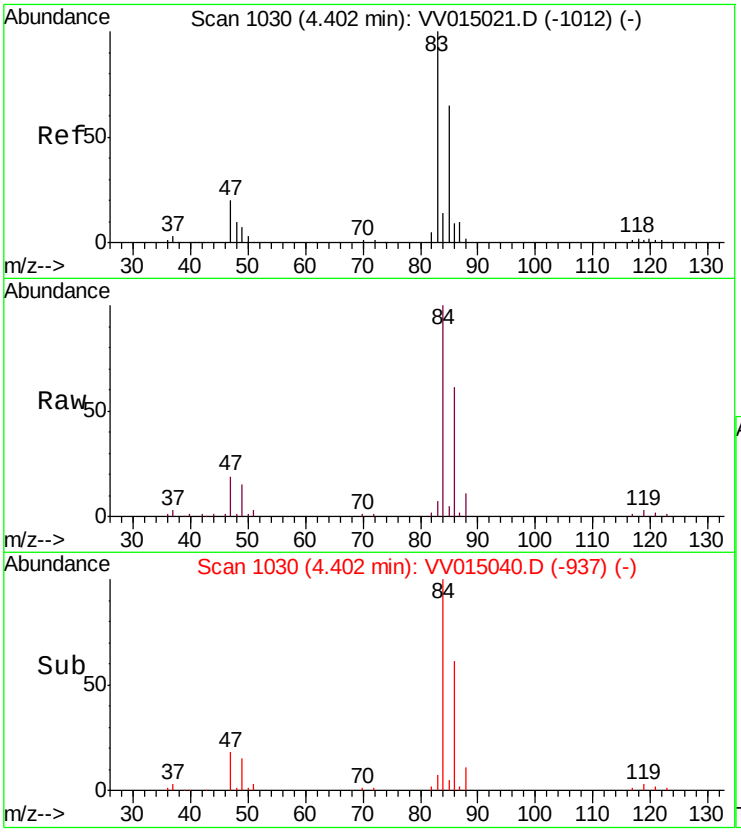


#12
1,1-Dichloroethene
Concen: 0.810 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Tgt Ion: 96 Resp: 1169

Ion	Ratio	Lower	Upper
96	100		
61	1211.9	105.6	196.2#
63	10082.2	75.9	140.9#



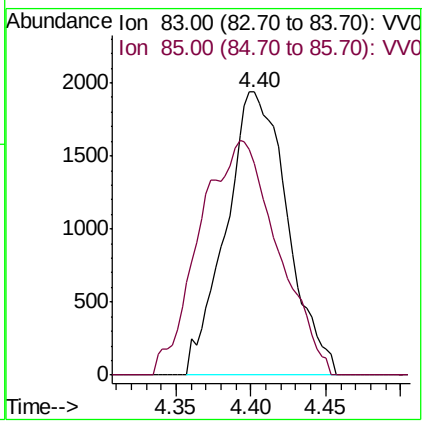


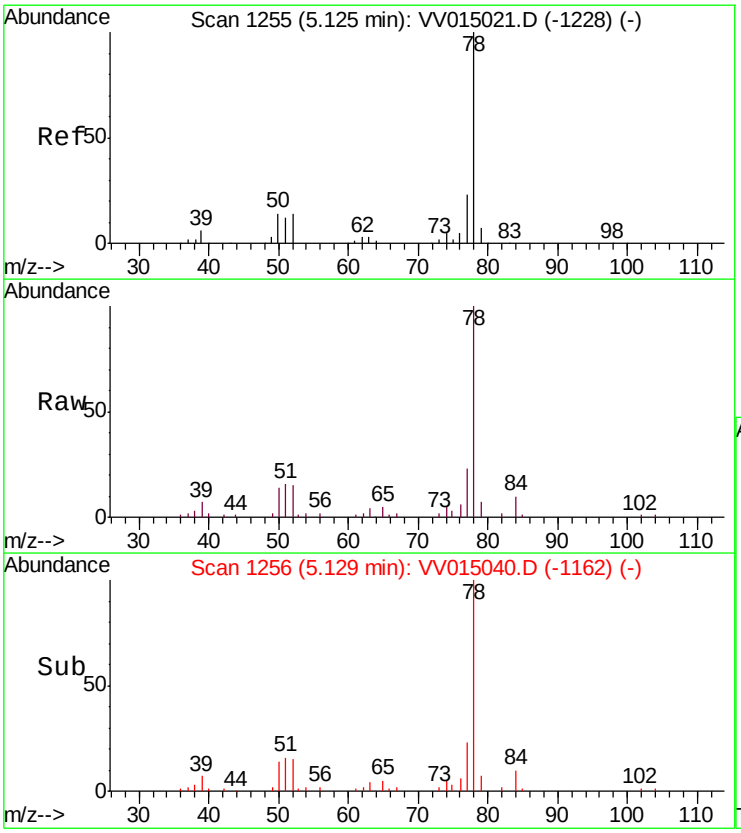
#25
Chloroform
Concen: 1.334 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 83 Resp: 5553

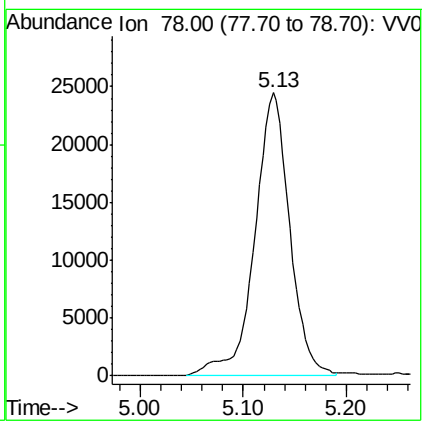
Ion	Ratio	Lower	Upper
83	100		
85	74.8	45.4	84.4

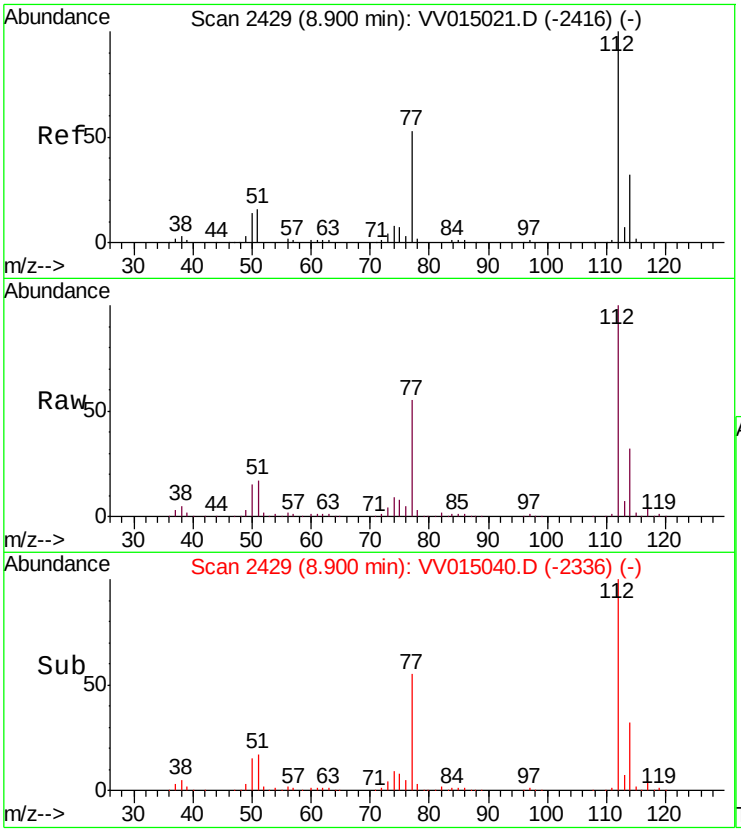




#33
Benzene
Concen: 6.833 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Tgt Ion: 78 Resp: 57680



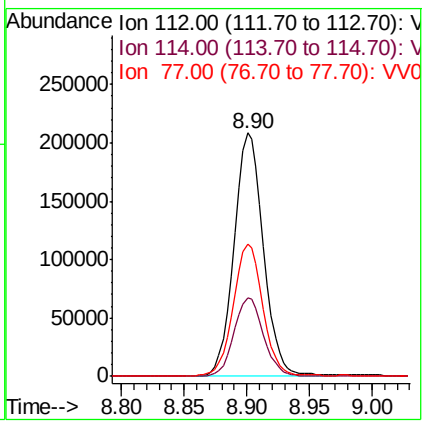


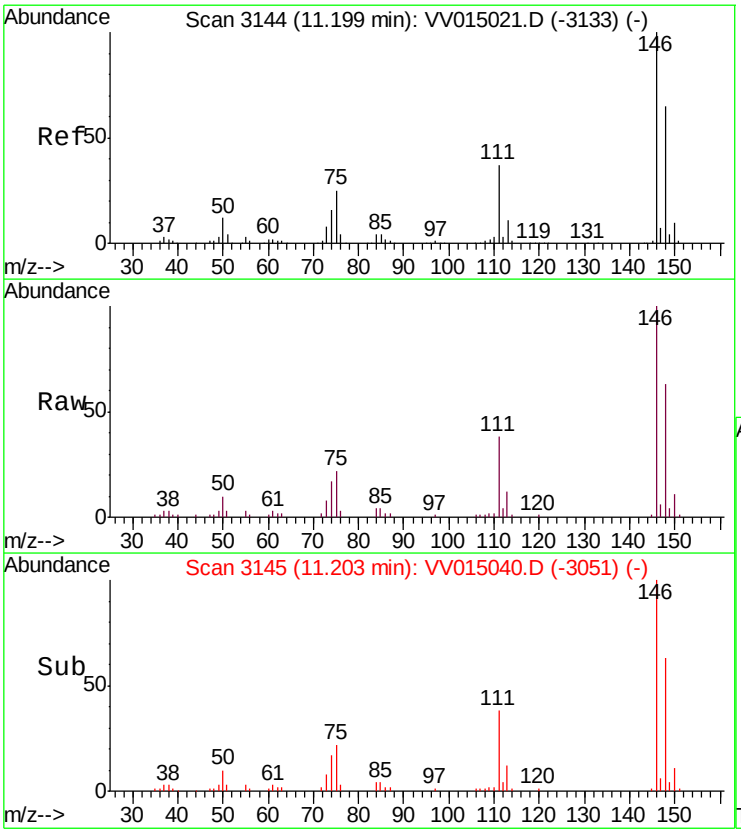
#51
Chlorobenzene
Concen: 50.685 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Tgt Ion:112 Resp: 340093

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	54.6	42.9	64.3

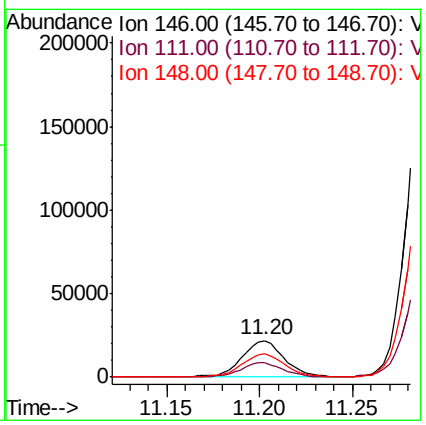


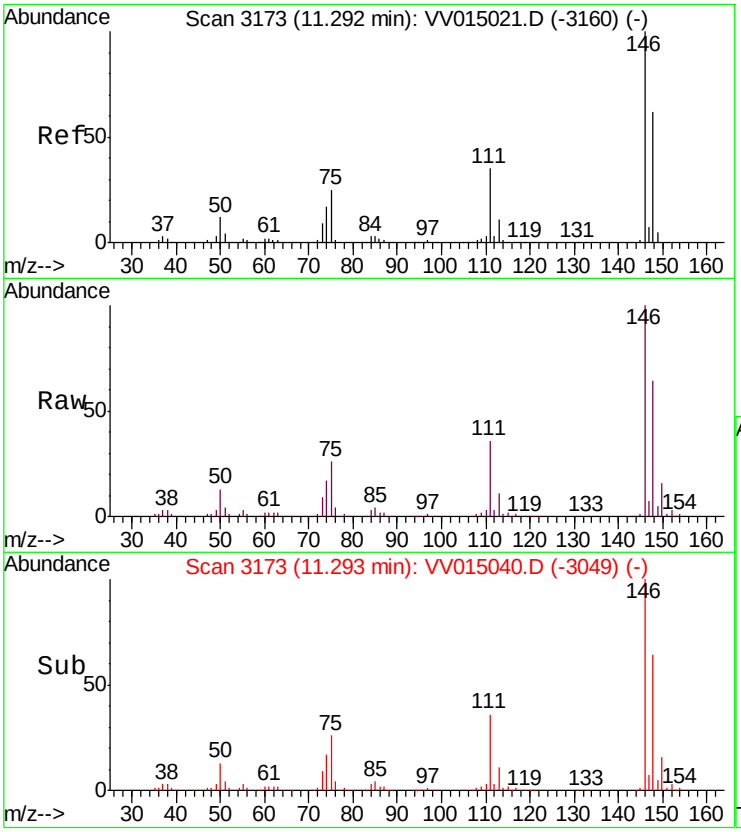


#62
1,3-Dichlorobenzene
Concen: 6.443 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Tgt Ion:146 Resp: 33015

Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.7	47.7
148	62.9	45.4	84.4



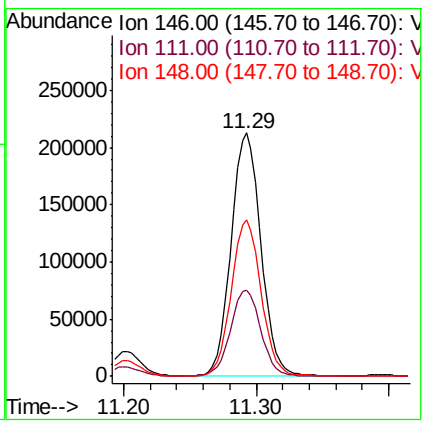


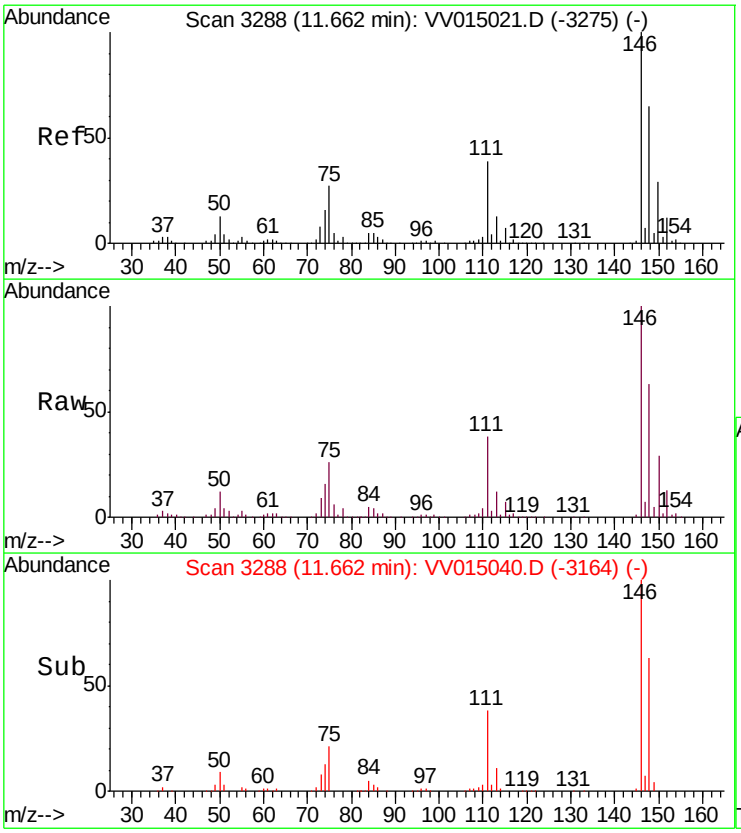
#63
1,4-Dichlorobenzene
Concen: 61.927 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Tgt Ion:146 Resp: 330332

Ion	Ratio	Lower	Upper
146	100		
111	35.5	25.8	48.0
148	64.5	45.7	84.9

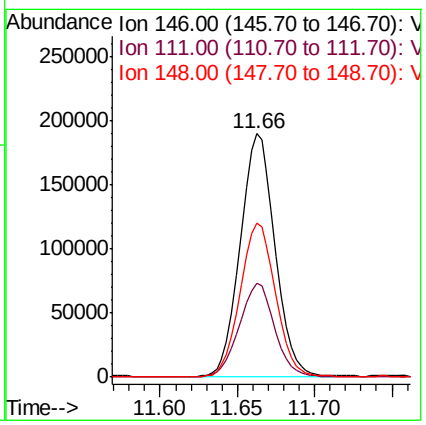


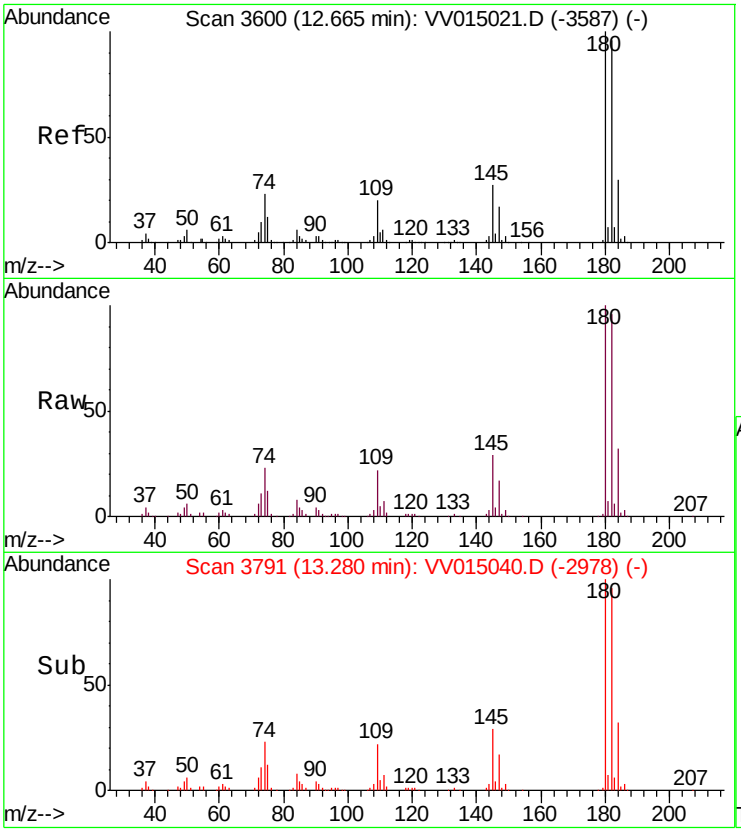


#65
1,2-Dichlorobenzene
Concen: 54.321 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. 0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Tgt Ion:146 Resp: 295673

Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.5	47.3
148	63.1	51.7	77.5



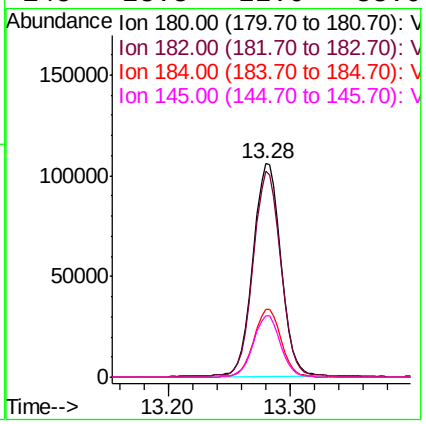


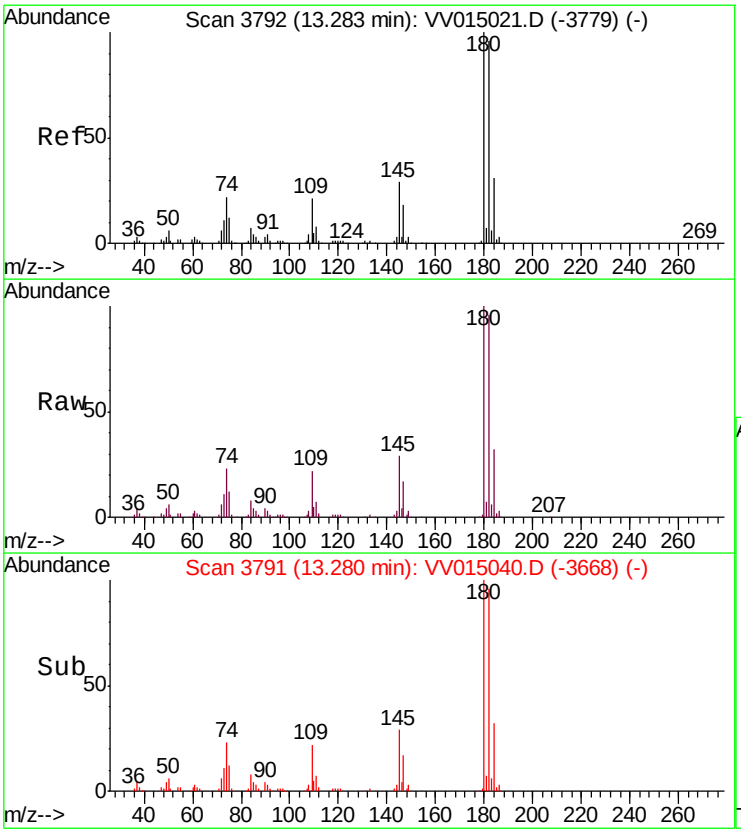
#67
1,3,5-Trichlorobenzene
Concen: 41.133 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. 0.61 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:180 Resp: 166778

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
184	31.6	23.9	35.9
145	28.3	22.0	33.0

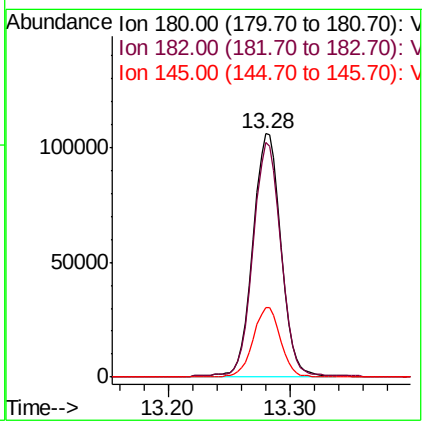


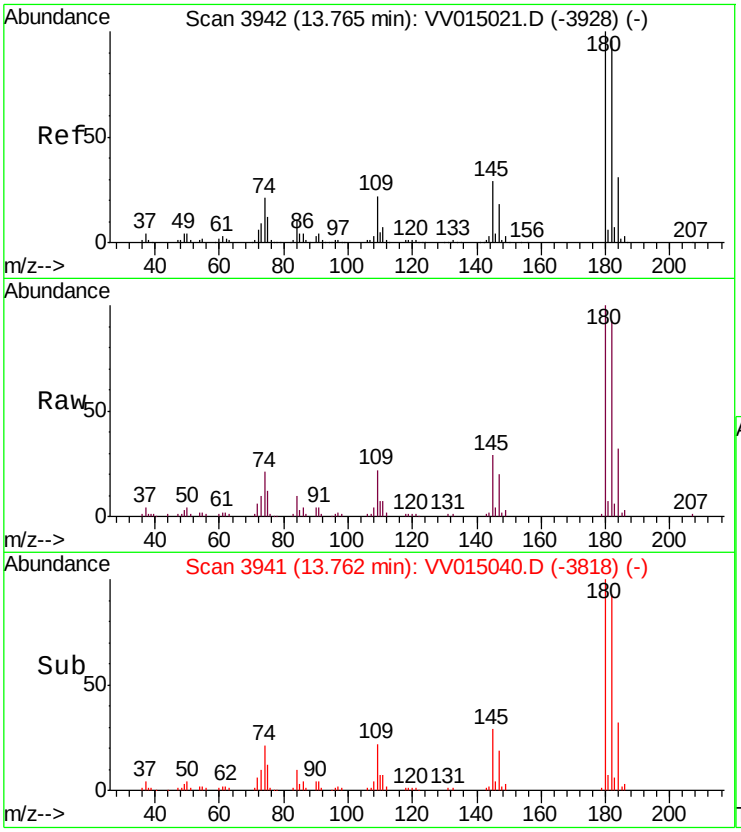


#68
1,2,4-trichlorobenzene
Concen: 44.666 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. -0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Tgt Ion:180 Resp: 166778

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
145	28.3	22.2	33.4





#70
1,2,3-Trichlorobenzene
Concen: 14.990 ug/L
RT: 13.76 min Scan# 3941
Delta R.T. -0.00 min
Lab File: VV015040.D
Acq: 19 Mar 2020 02:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:180 Resp: 54987

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.5	113.3
145	29.9	23.5	35.3