Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014777.D
Acq On : 09 Mar 2020 15:24
Operator : SY/MD
Sample : VIBLK40
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Quant Time: Mar 10 14:48:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	444068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	424107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	211853	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	127226	42.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.68%			
7) Chloroethane-d5	1.58	69	104993	44.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.38%			
11) 1,1-Dichloroethene-d2	2.12	63	161875	32.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.84%			
21) 2-Butanone-d5	3.94	46	200742	89.56	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.56%			
24) Chloroform-d	4.38	84	258330	45.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.06	65	179672	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.98%			
32) Benzene-d6	5.08	84	551462	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.50%			
36) 1,2-Dichloropropane-d6	6.10	67	169929	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.56%			
41) Toluene-d8	7.34	98	517836	47.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.44%			
43) trans-1,3-Dichloropropene-	7.64	79	81630	45.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.10%			
47) 2-Hexanone-d5	8.12	63	166840	101.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.24%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	239028	46.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.64%			
64) 1,2-Dichlorobenzene-d4	11.65	152	208060	49.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1579	0.64	ug/L #	19
25) Chloroform	4.41	83	9866	1.64	ug/L	92
39) cis-1,3-Dichloropropene	7.01	75	4425	0.85	ug/L #	73
48) 2-Hexanone	8.12	43	20545	5.43	ug/L #	72
51) Chlorobenzene	8.90	112	15201	1.74	ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	32048	7.56	ug/L	92
62) 1,3-Dichlorobenzene	11.20	146	6271	0.92	ug/L	93
63) 1,4-Dichlorobenzene	11.30	146	31339	4.54	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	34157	5.01	ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	10418	1.97	ug/L	94
68) 1,2,4-trichlorobenzene	13.28	180	10418	2.14	ug/L	94
70) 1,2,3-Trichlorobenzene	13.77	180	5514	1.14	ug/L	99

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

Quantitation Report (Not Reviewed)

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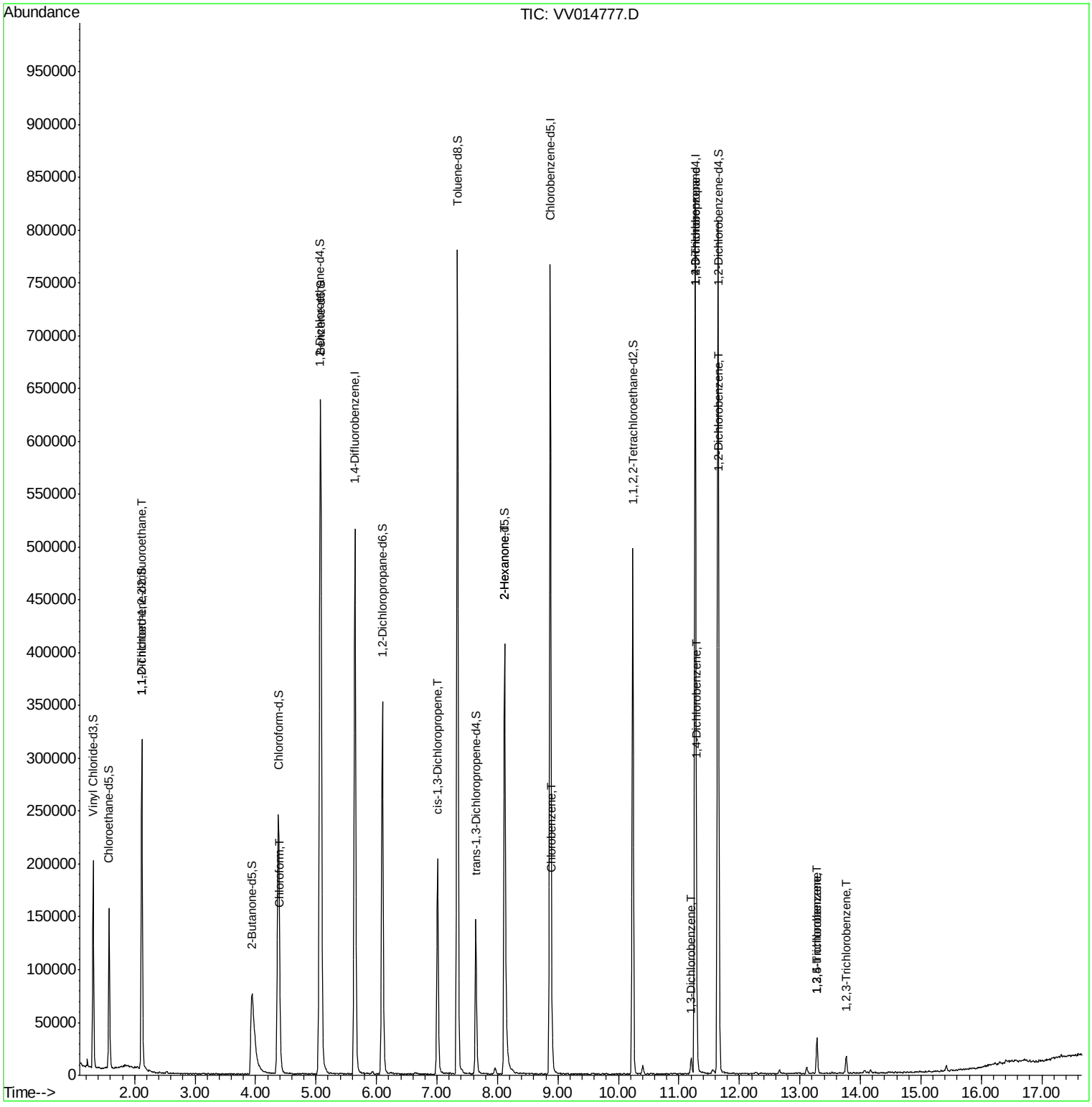
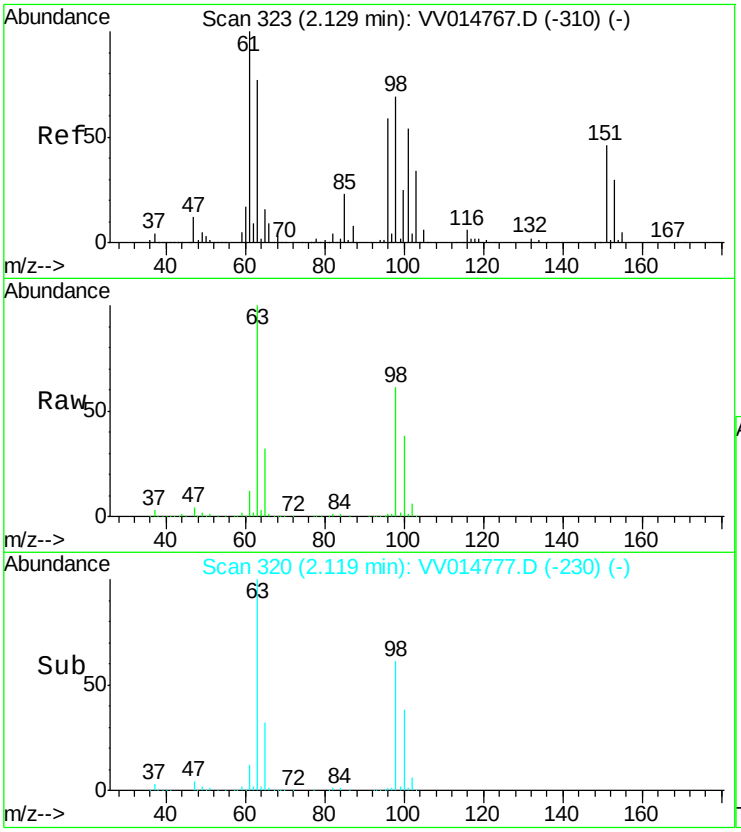
Acq On : 09 Mar 2020 15:24
Operator : SY/MD
Sample : VIBLK40
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Mar 10 14:48:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration



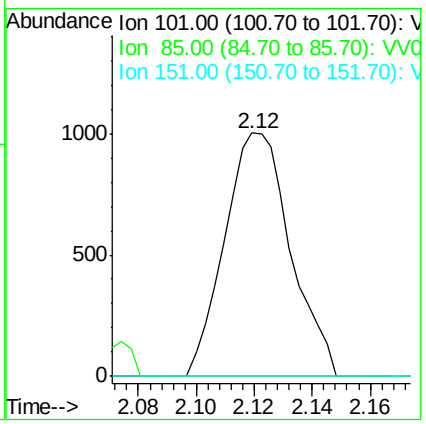


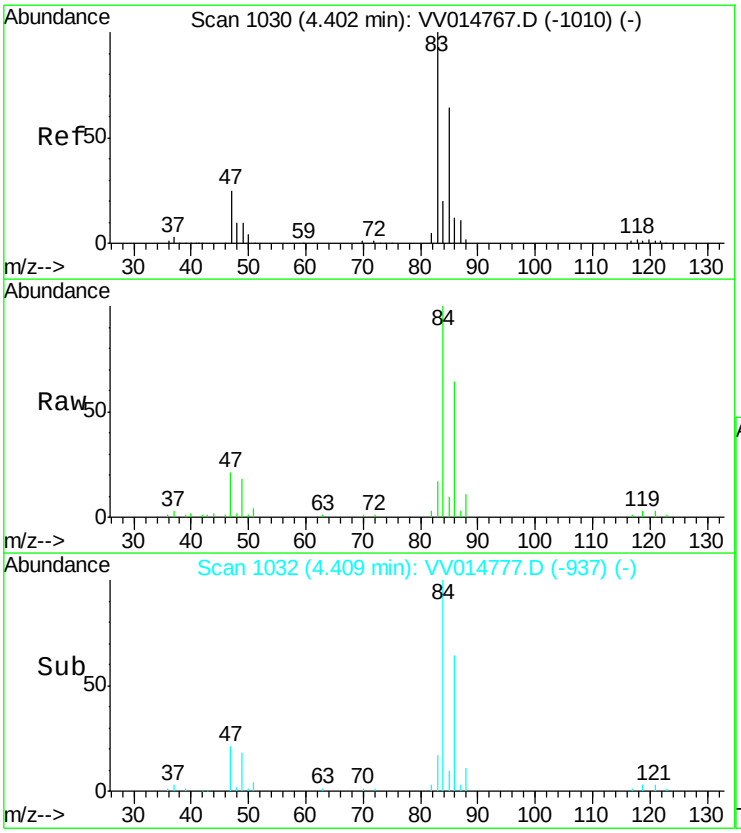
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.64 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion:101 Resp: 1579

Ion	Ratio	Lower	Upper
101	100		
85	4.6	35.0	52.6#
151	0.0	66.4	99.6#

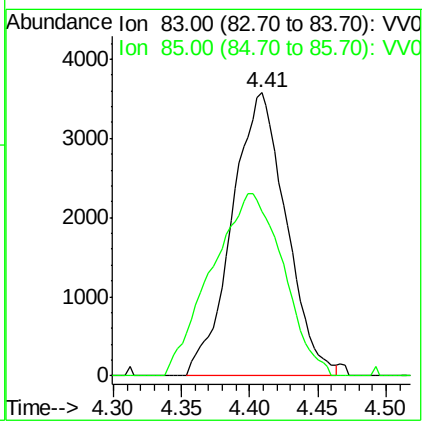


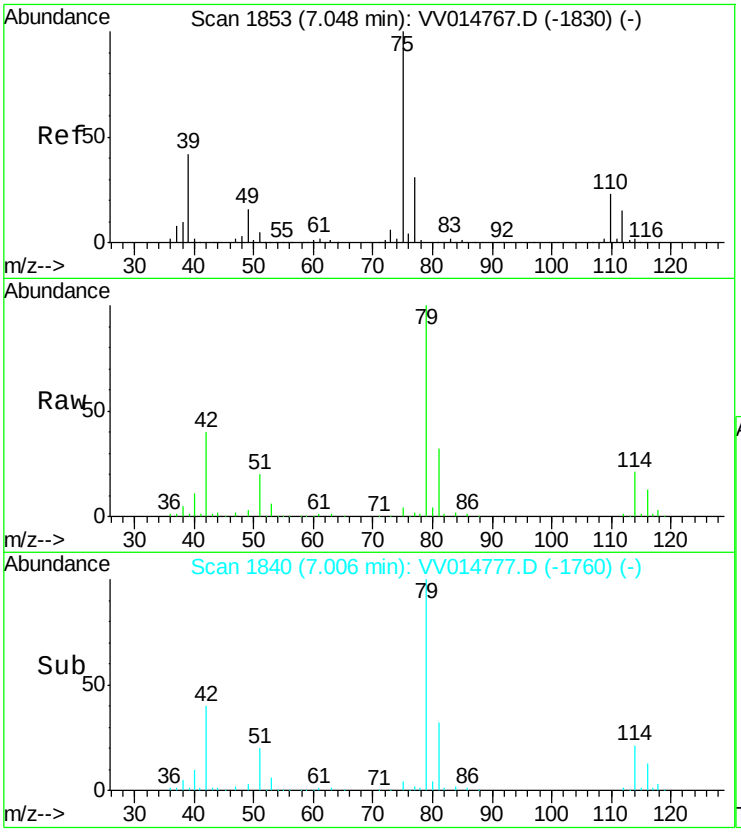


#25
Chloroform
Concen: 1.64 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion: 83 Resp: 9866

Ion	Ratio	Lower	Upper
83	100		
85	58.3	45.1	83.9



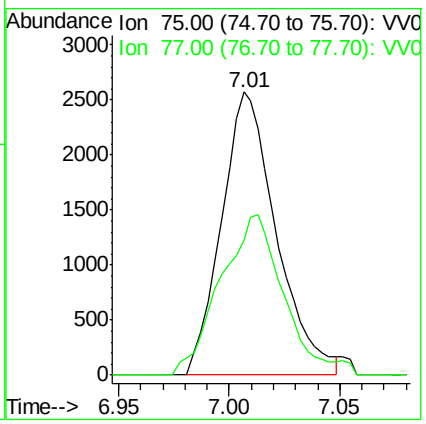


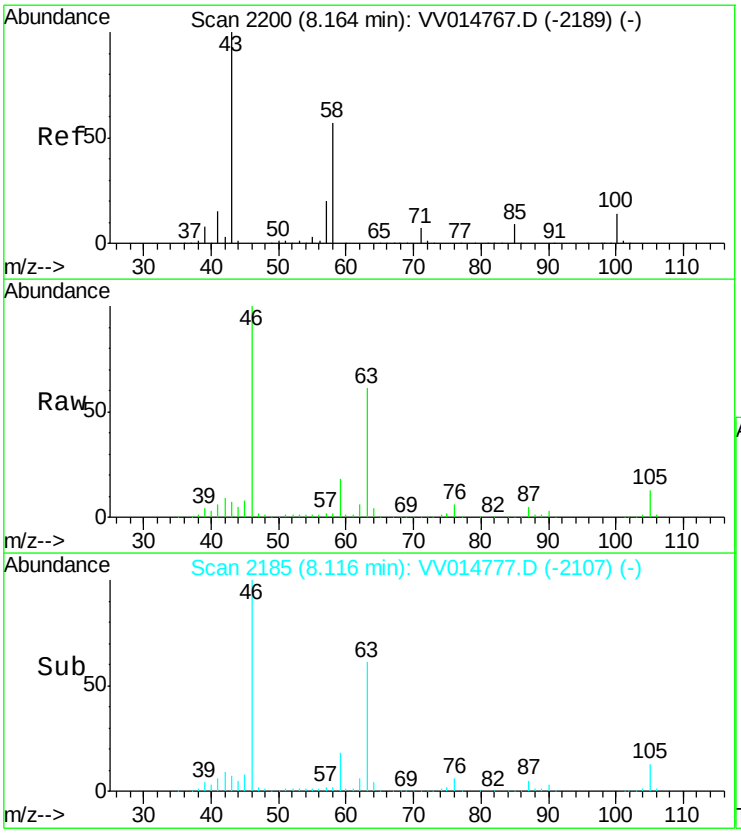
#39
cis-1,3-Dichloropropene
Concen: 0.85 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion: 75 Resp: 4425

Ion	Ratio	Lower	Upper
75	100		
77	47.8	22.8	42.4#

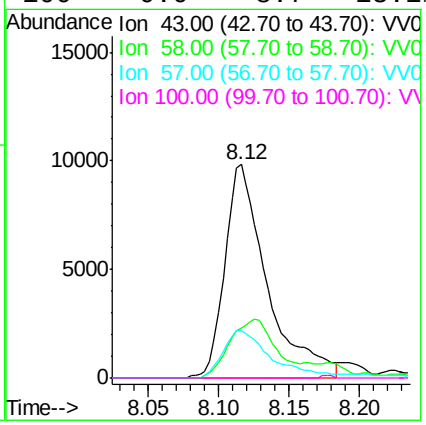


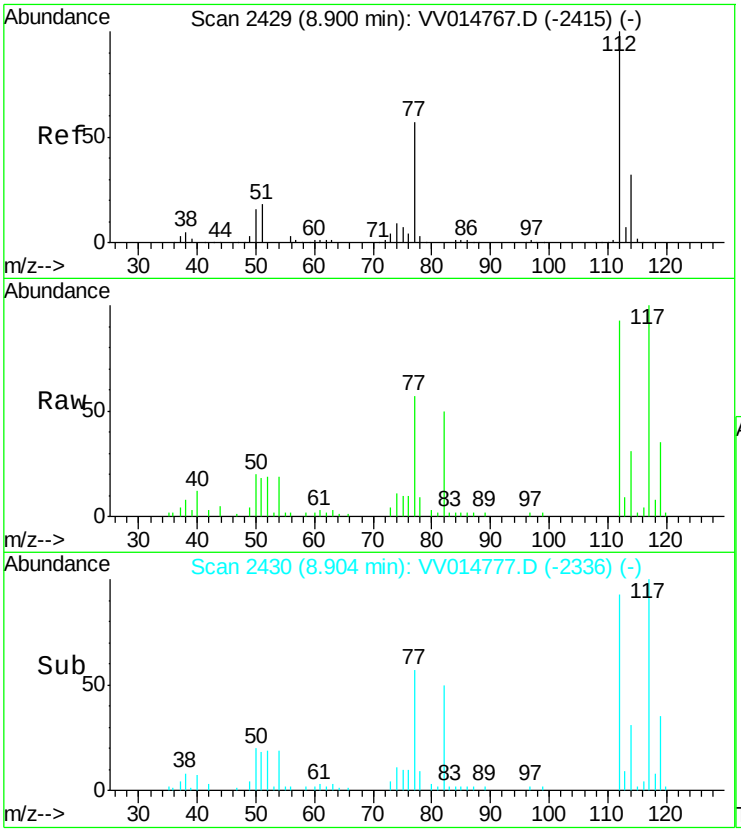


#48
2-Hexanone
Concen: 5.43 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion: 43 Resp: 20545

Ion	Ratio	Lower	Upper
43	100		
58	29.9	43.3	64.9#
57	25.3	15.6	23.4#
100	0.0	8.7	13.1#



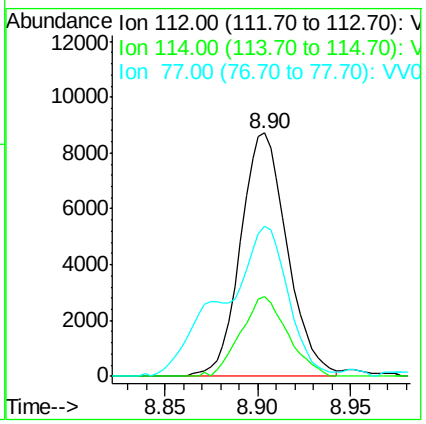


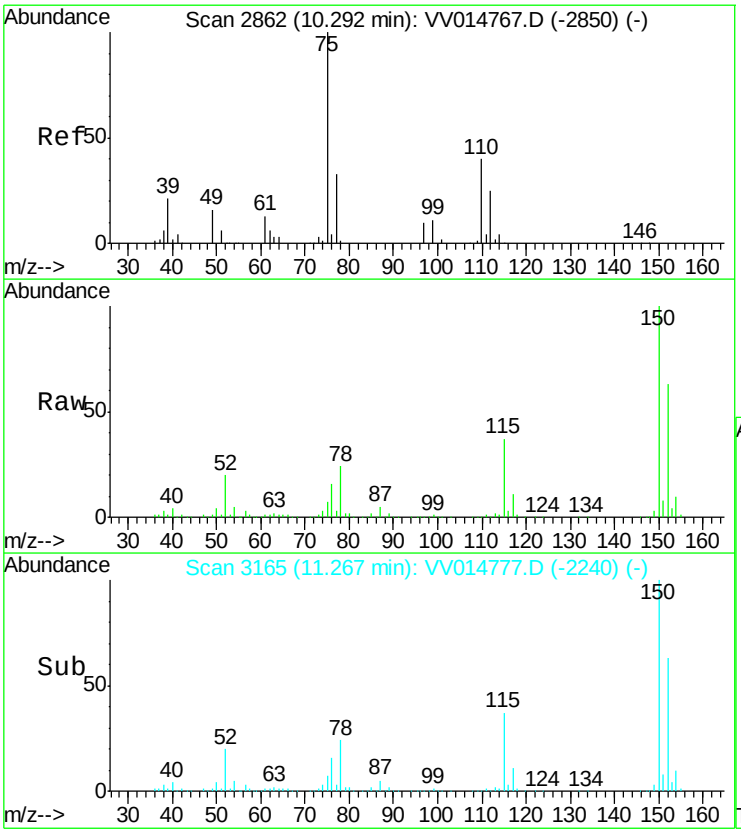
#51
Chlorobenzene
Concen: 1.74 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Tgt Ion:112 Resp: 15201

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.1	41.1
77	61.6	47.8	71.8

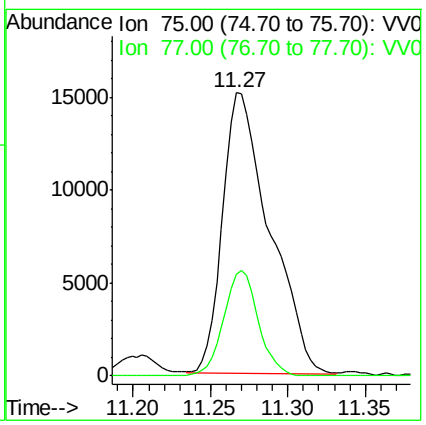


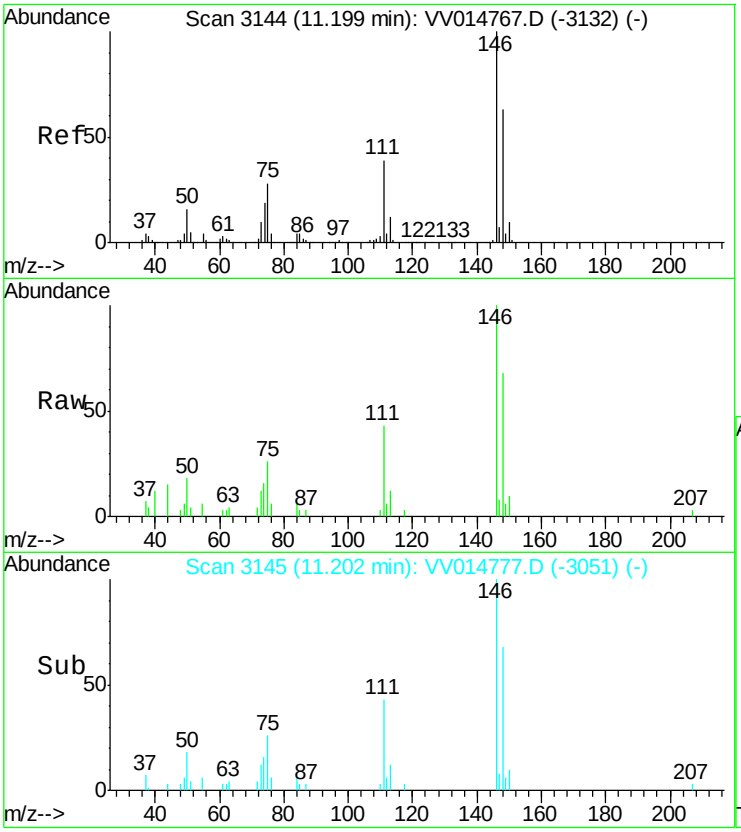


#59
1,2,3-Trichloropropane
Concen: 7.56 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion: 75 Resp: 32048

Ion	Ratio	Lower	Upper
75	100		
77	27.3	25.6	38.4



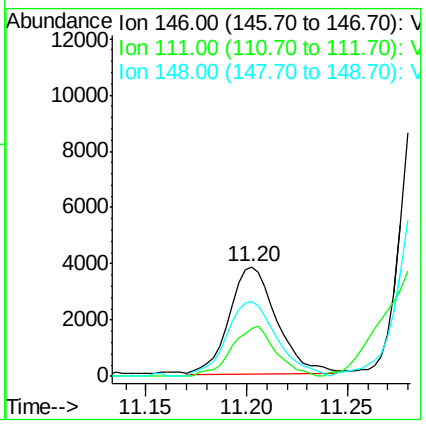


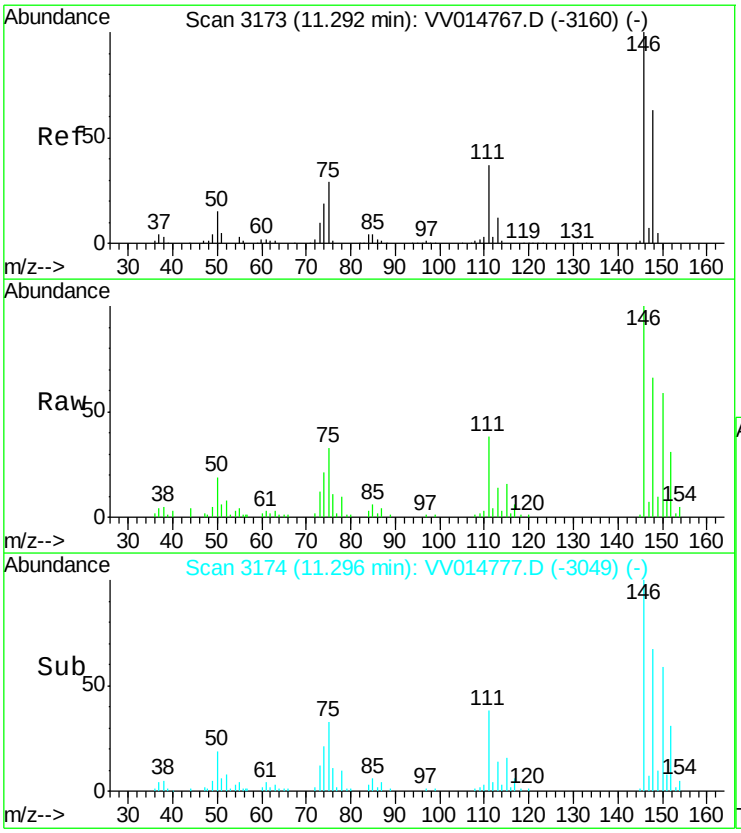
#62
1,3-Dichlorobenzene
Concen: 0.92 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Tgt Ion:146 Resp: 6271

Ion	Ratio	Lower	Upper
146	100		
111	43.1	27.2	50.4
148	68.1	44.2	82.2

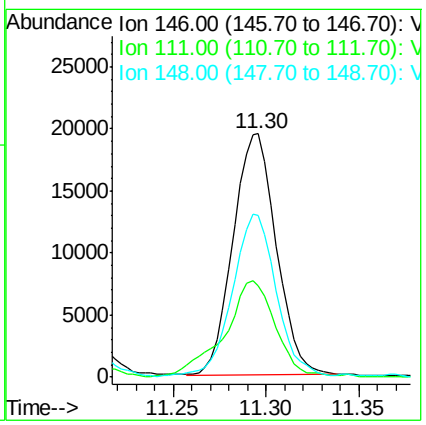


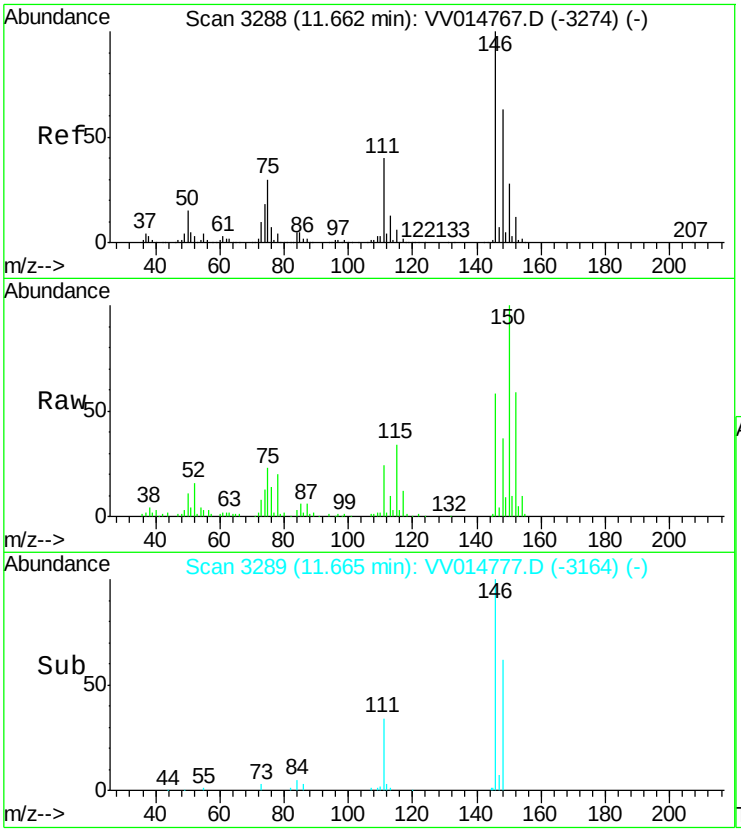


#63
1,4-Dichlorobenzene
Concen: 4.54 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion:146 Resp: 31339

Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.3	48.9
148	66.3	44.0	81.8



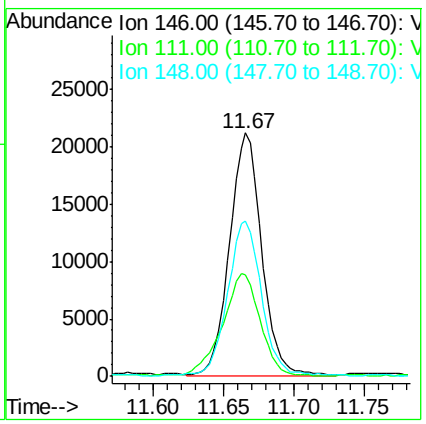


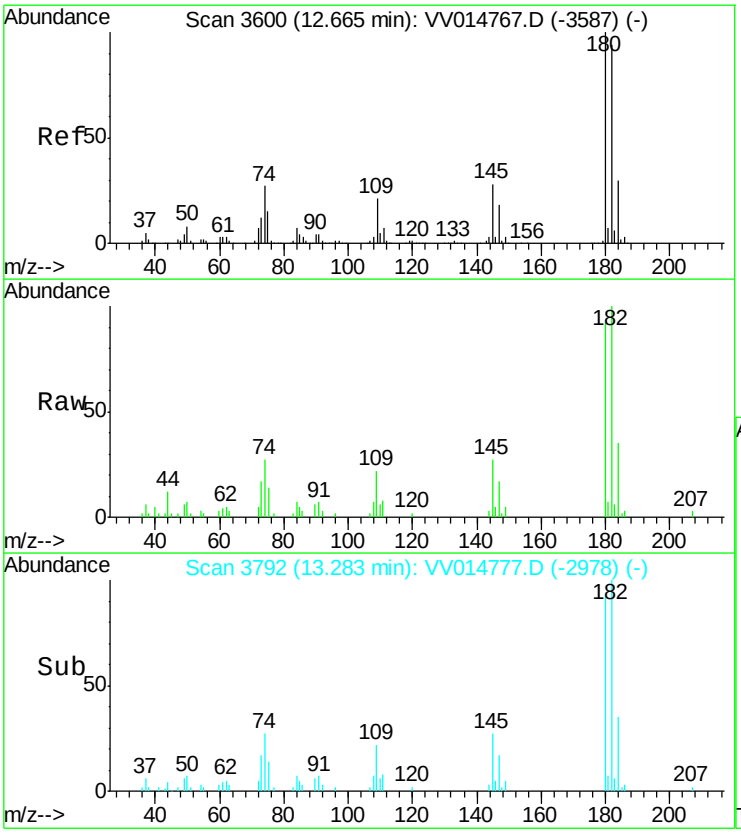
#65
1,2-Dichlorobenzene
Concen: 5.01 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion:146 Resp: 34157

Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.9	50.9
148	63.6	51.4	77.0

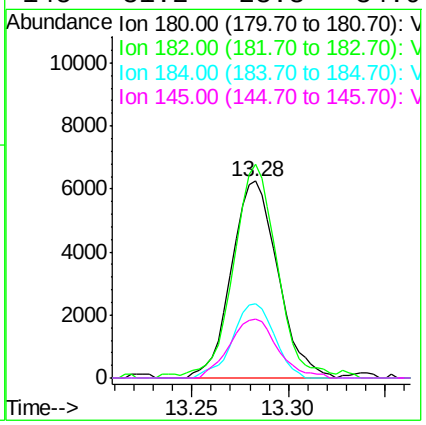


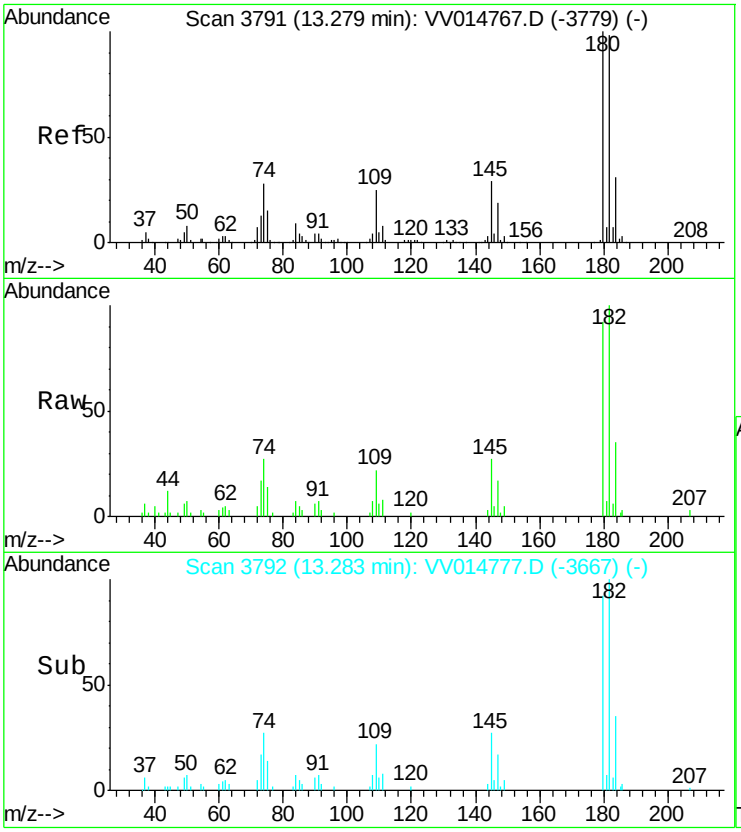


#67
1,3,5-Trichlorobenzene
Concen: 1.97 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.62 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion:180 Resp: 10418

Ion	Ratio	Lower	Upper
180	100		
182	101.9	75.6	113.4
184	34.0	24.8	37.2
145	31.2	23.3	34.9



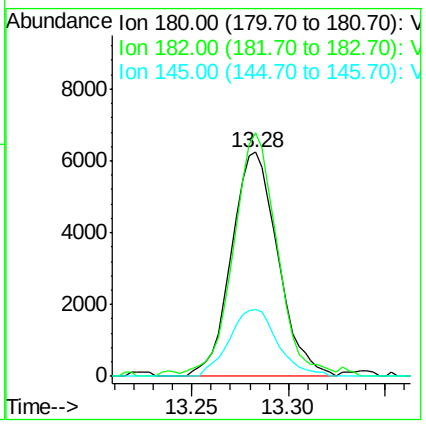


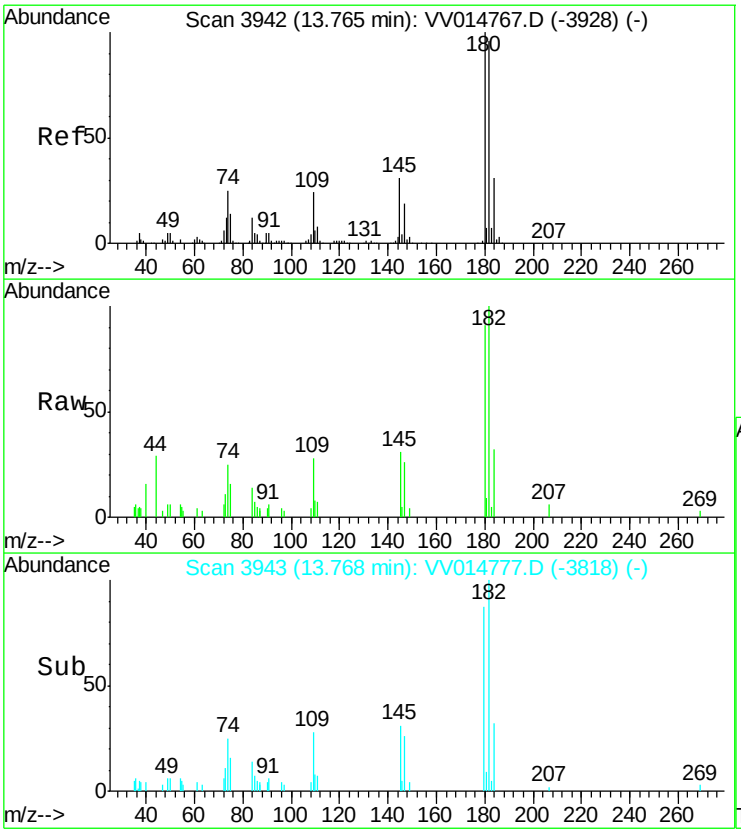
#68
1,2,4-trichlorobenzene
Concen: 2.14 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion:180 Resp: 10418

Ion	Ratio	Lower	Upper
180	100		
182	101.9	76.6	114.8
145	31.2	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 1.14 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV014777.D
Acq: 09 Mar 2020 15:24

Tgt Ion:180 Resp: 5514

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.5	114.7
145	28.7	25.0	37.4