Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\

Quantitation Report (Not Reviewed)

Data File : VV014991.D
Acq On : 17 Mar 2020 22:45
Operator : SY/MD
Sample : VV0317WBL02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

Quant Time: Mar 18 07:44:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312390	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147316	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93728	45.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.08%			
7) Chloroethane-d5	1.58	69	71704	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.78%			
11) 1,1-Dichloroethene-d2	2.12	63	114806	35.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.92%			
21) 2-Butanone-d5	3.94	46	92555	72.94	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.94%			
24) Chloroform-d	4.38	84	203884	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
26) 1,2-Dichloroethane-d4	5.06	65	134392	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.84%			
32) Benzene-d6	5.08	84	423992	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.10	67	123259	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.20%			
41) Toluene-d8	7.34	98	407723	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.78%			
43) trans-1,3-Dichloropropene-	7.64	79	58624	44.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.74%			
47) 2-Hexanone-d5	8.12	63	110429	98.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.44%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176125	48.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.82%			
64) 1,2-Dichlorobenzene-d4	11.65	152	168188	52.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.24%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1442	0.896	ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1045	0.712	ug/L #	1
25) Chloroform	4.41	83	5893	1.441	ug/L	79
44) trans-1,3-Dichloropropene	7.64	75	2808	0.929	ug/L	96
48) 2-Hexanone	8.13	43	12763	5.783	ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	15727	5.552	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	12709	2.599	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	10513	2.168	ug/L	96
67) 1,3,5-Trichlorobenzene	13.29	180	12820	3.368	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	12820	3.779	ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	1827	0.544	ug/L #	85

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

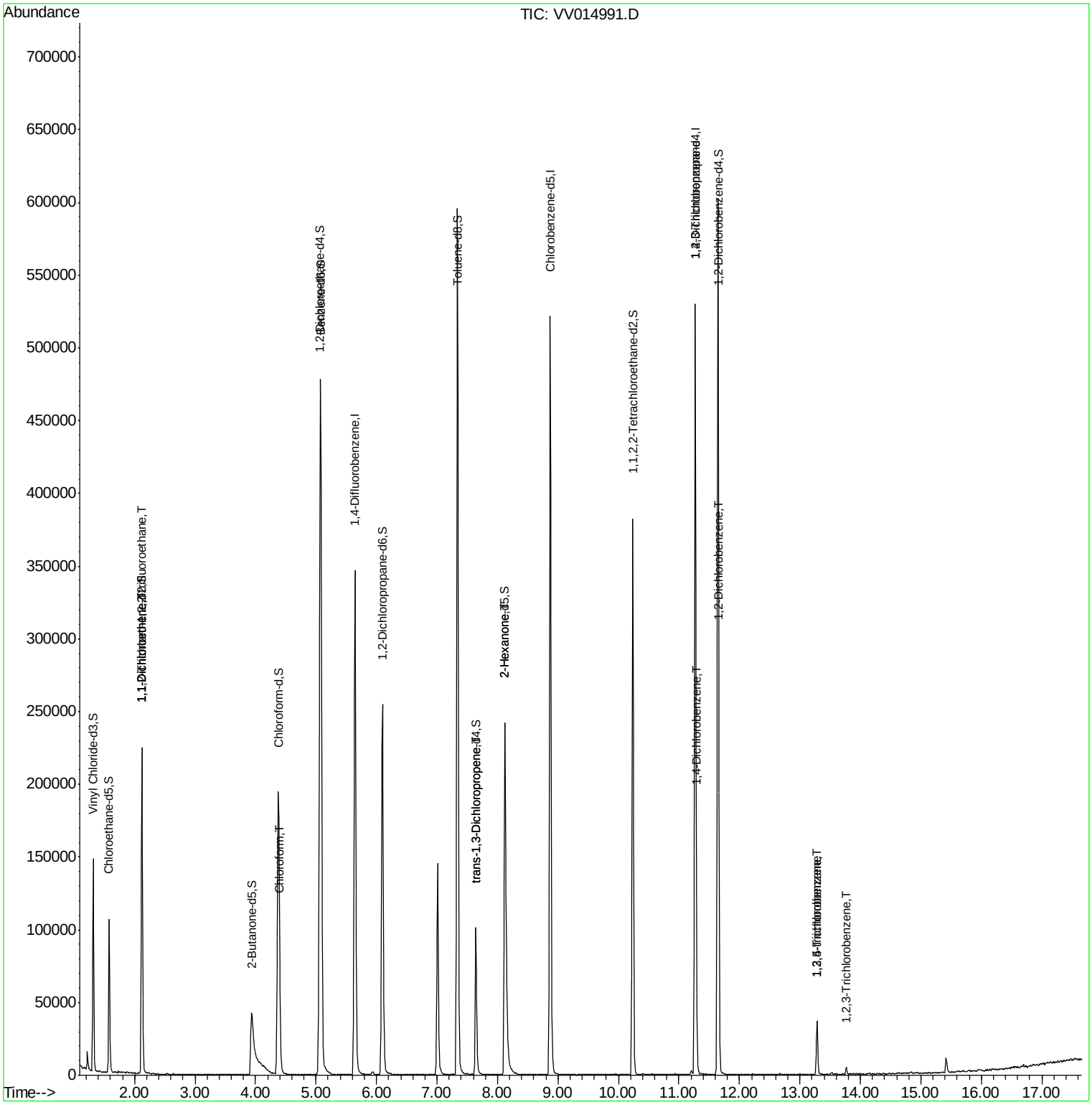
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\

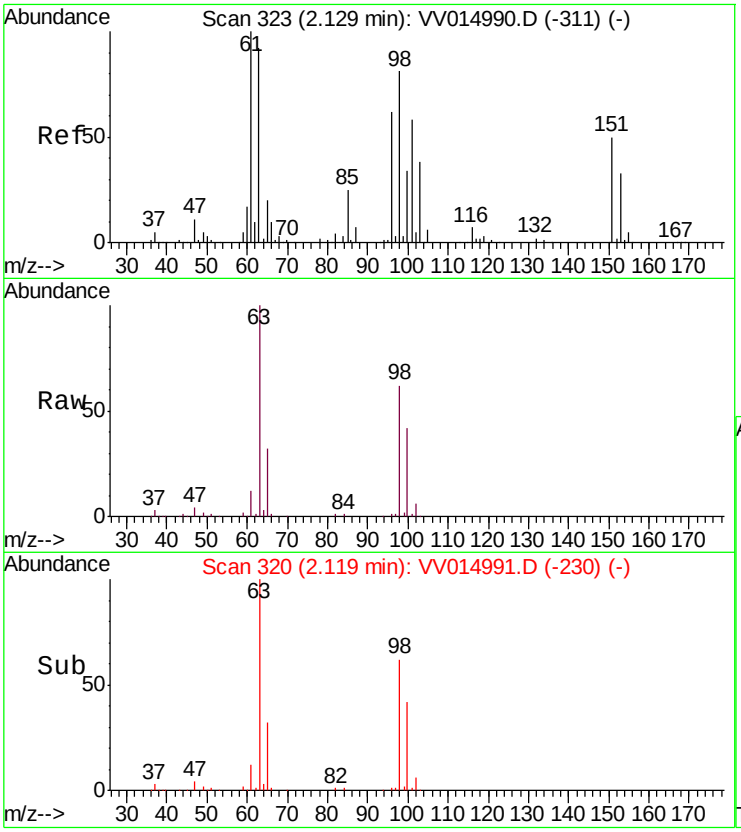
Quantitation Report (Not Reviewed)

Data File : VV014991.D
Acq On : 17 Mar 2020 22:45
Operator : SY/MD
Sample : VV0317WBL02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

Quant Time: Mar 18 07:44:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration



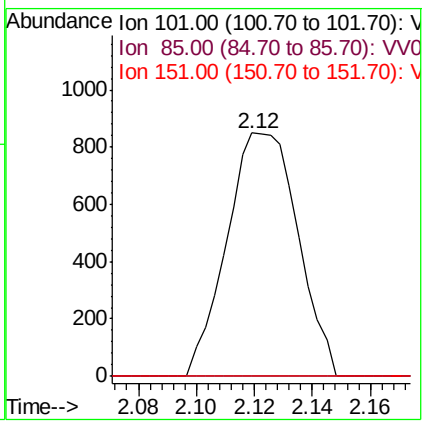


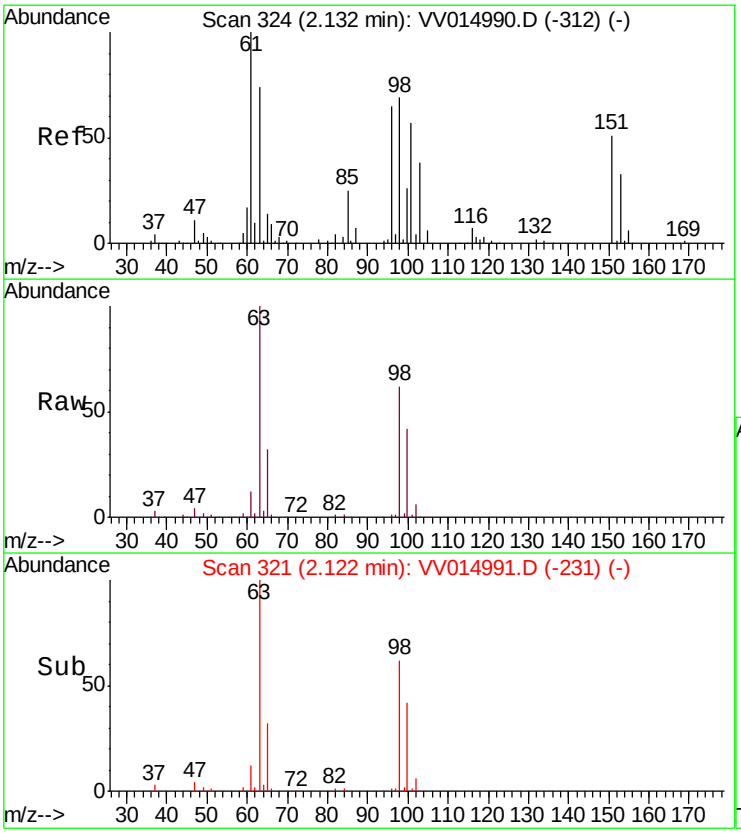
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.896 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion:101 Resp: 1442

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.9	50.9#
151	0.0	70.1	105.1#

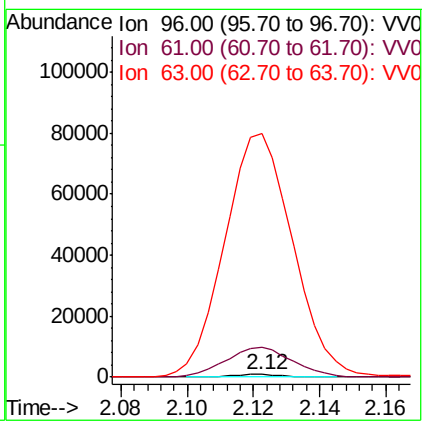


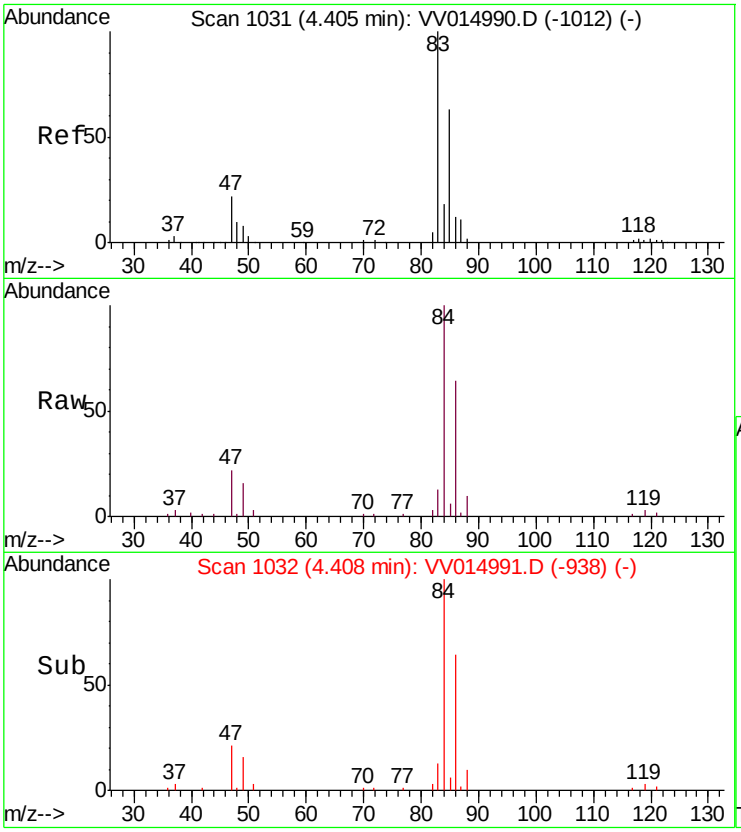


#12
1,1-Dichloroethene
Concen: 0.712 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Tgt Ion: 96 Resp: 1045

Ion	Ratio	Lower	Upper
96	100		
61	1198.0	115.7	214.9#
63	9827.3	99.2	184.2#



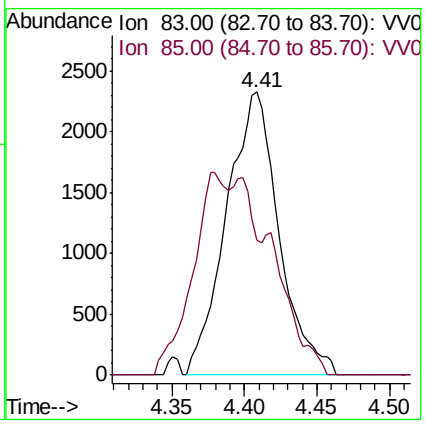


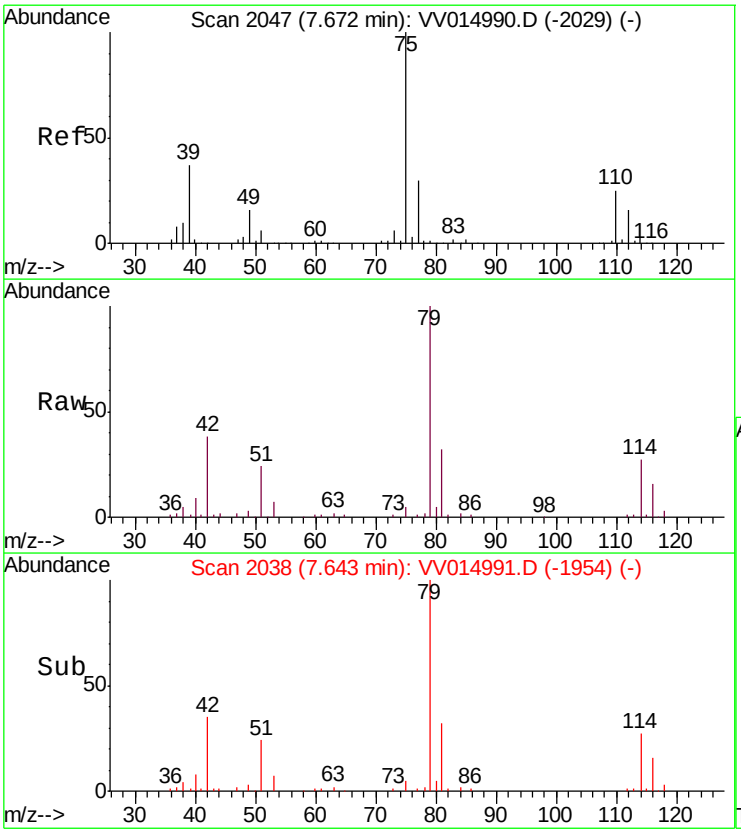
#25
Chloroform
Concen: 1.441 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion: 83 Resp: 5893

Ion	Ratio	Lower	Upper
83	100		
85	47.6	44.6	82.8

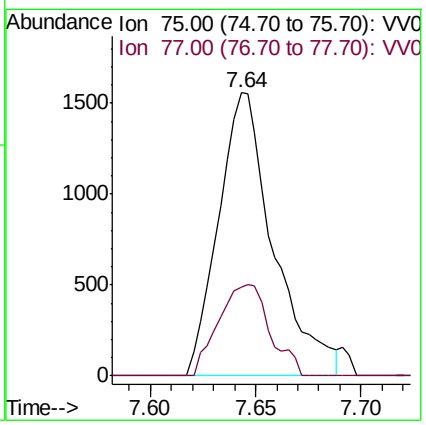


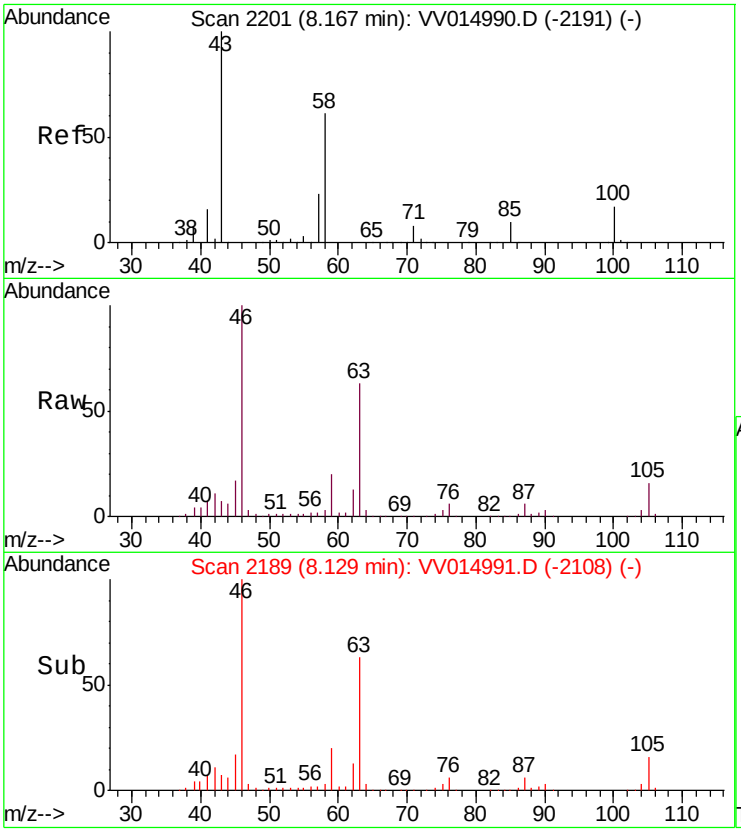


#44
trans-1,3-Dichloropropene
Concen: 0.929 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Tgt Ion: 75 Resp: 2808

Ion	Ratio	Lower	Upper
75	100		
77	31.4	23.5	43.7



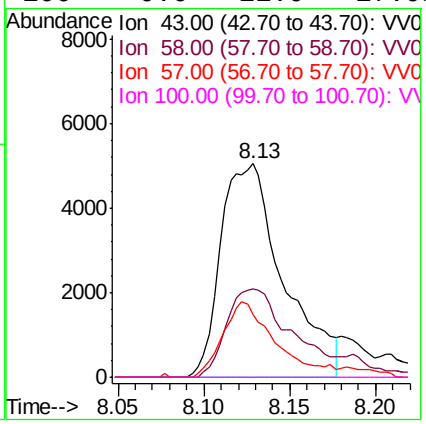


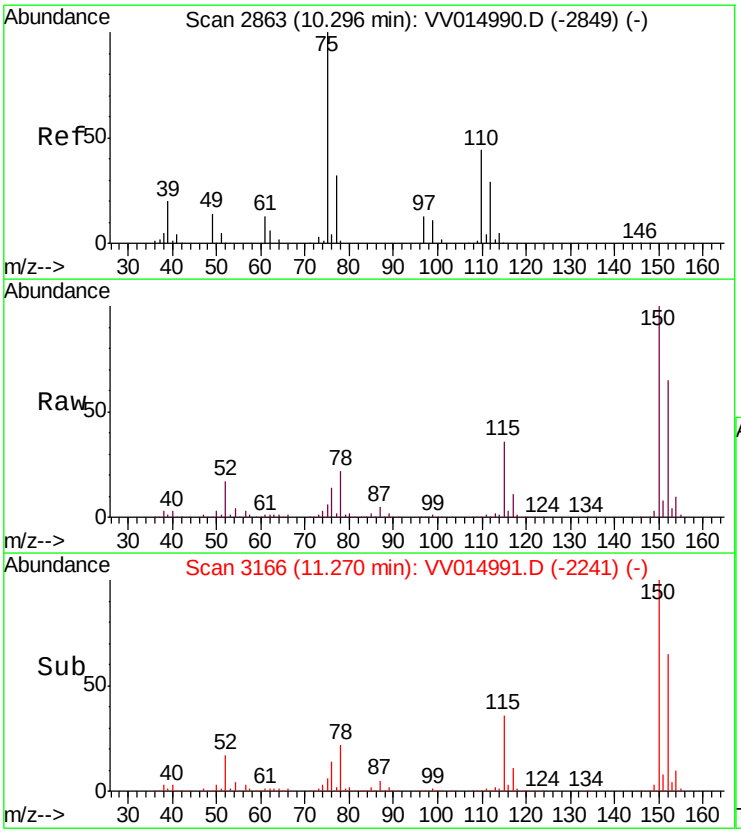
#48
2-Hexanone
Concen: 5.783 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.04 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument : MSVOA_V
ClientSampleId : VBLK87

Tgt Ion: 43 Resp: 12763

Ion	Ratio	Lower	Upper
43	100		
58	32.8	46.9	70.3#
57	29.1	16.2	24.4#
100	0.0	11.9	17.9#

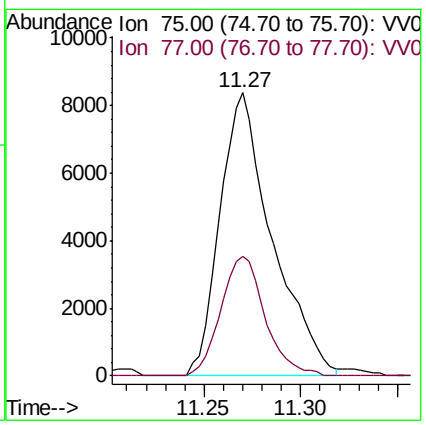


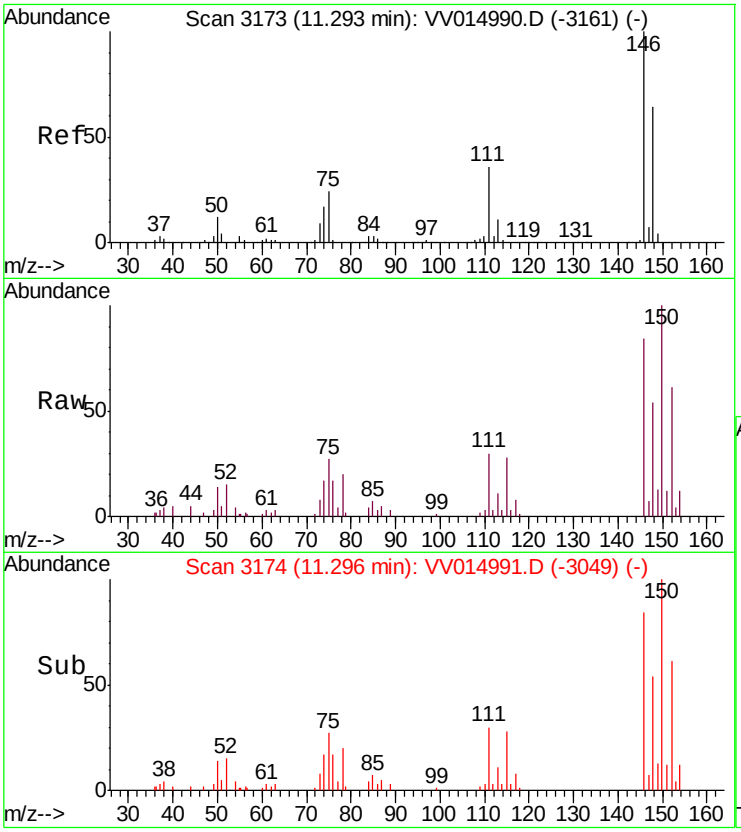


#59
1,2,3-Trichloropropane
Concen: 5.552 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Tgt Ion: 75 Resp: 15727

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.6	40.0



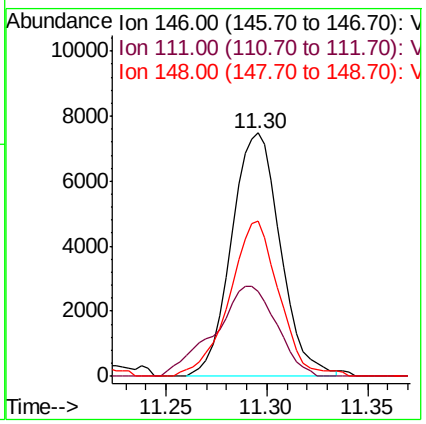


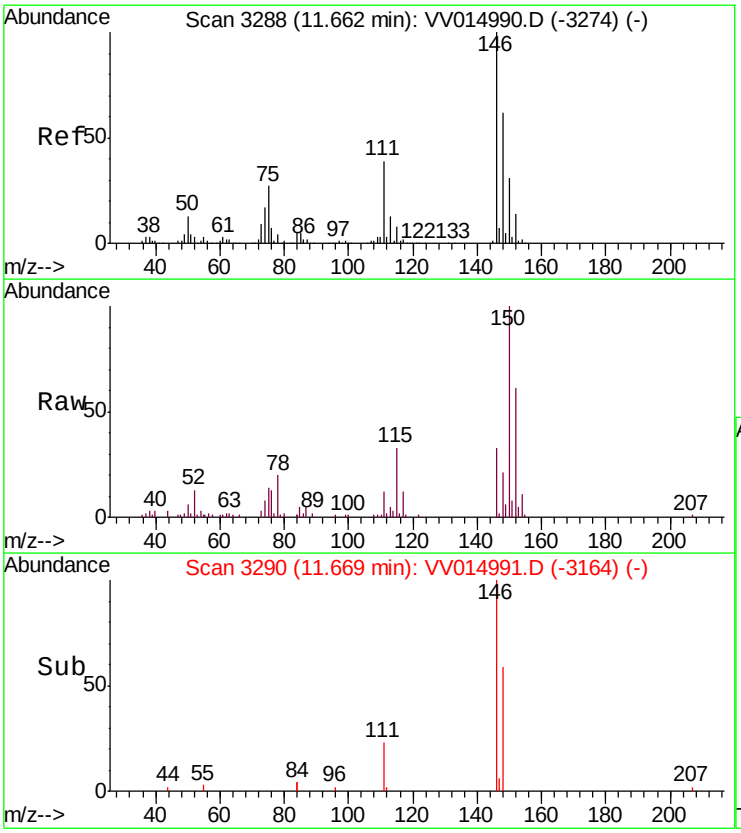
#63
1,4-Dichlorobenzene
Concen: 2.599 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion:146 Resp: 12709

Ion	Ratio	Lower	Upper
146	100		
111	35.1	26.0	48.2
148	63.7	46.1	85.5

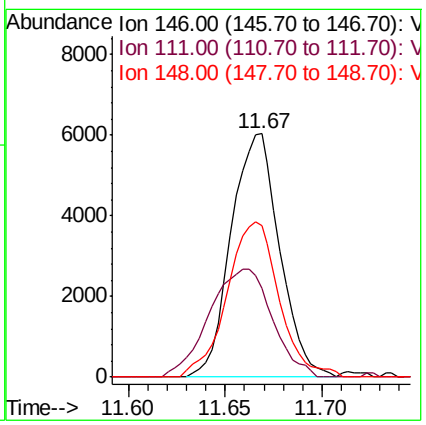


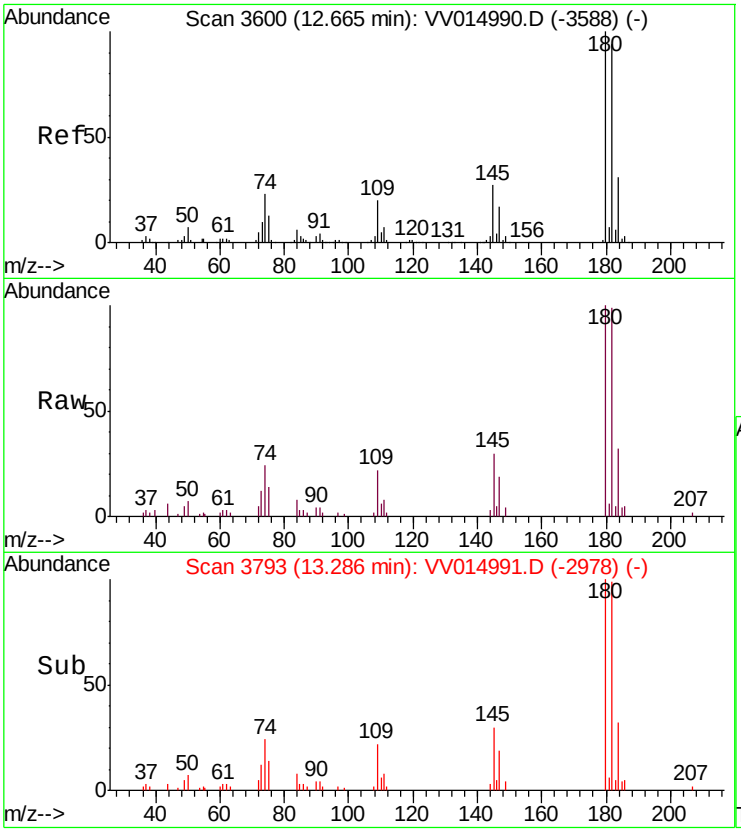


#65
1,2-Dichlorobenzene
Concen: 2.168 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.01 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Tgt Ion:146 Resp: 10513

Ion	Ratio	Lower	Upper
146	100		
111	36.5	31.6	47.4
148	62.3	52.2	78.4



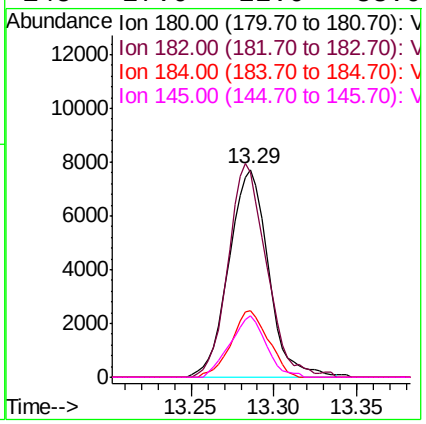


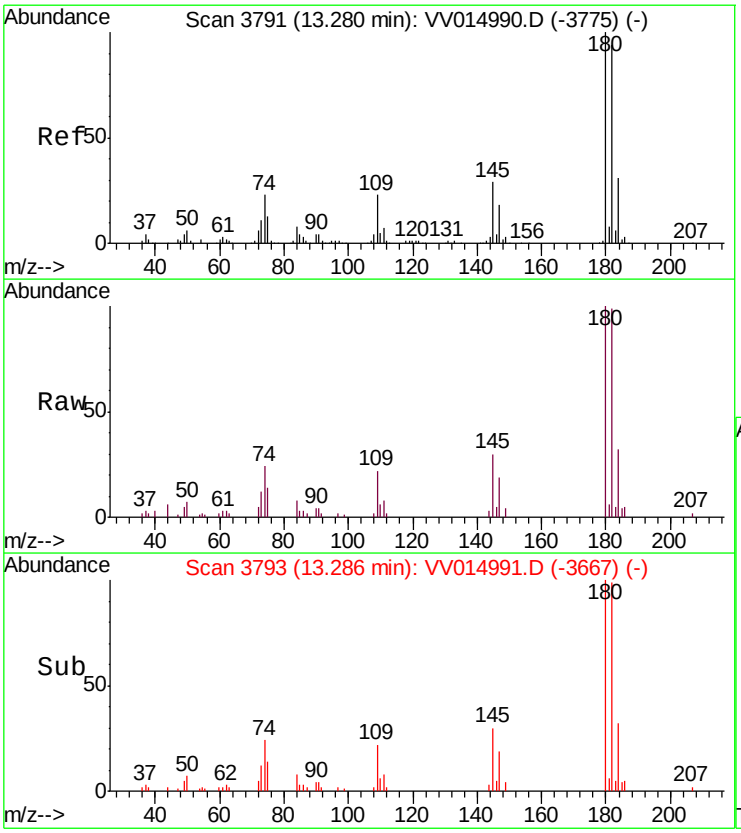
#67
1,3,5-Trichlorobenzene
Concen: 3.368 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion:180 Resp: 12820

Ion	Ratio	Lower	Upper
180	100		
182	99.3	75.7	113.5
184	30.2	24.2	36.4
145	27.0	22.0	33.0

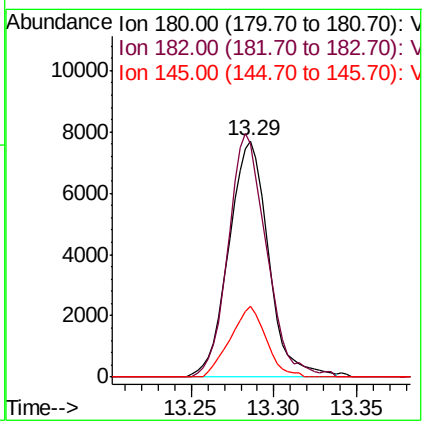


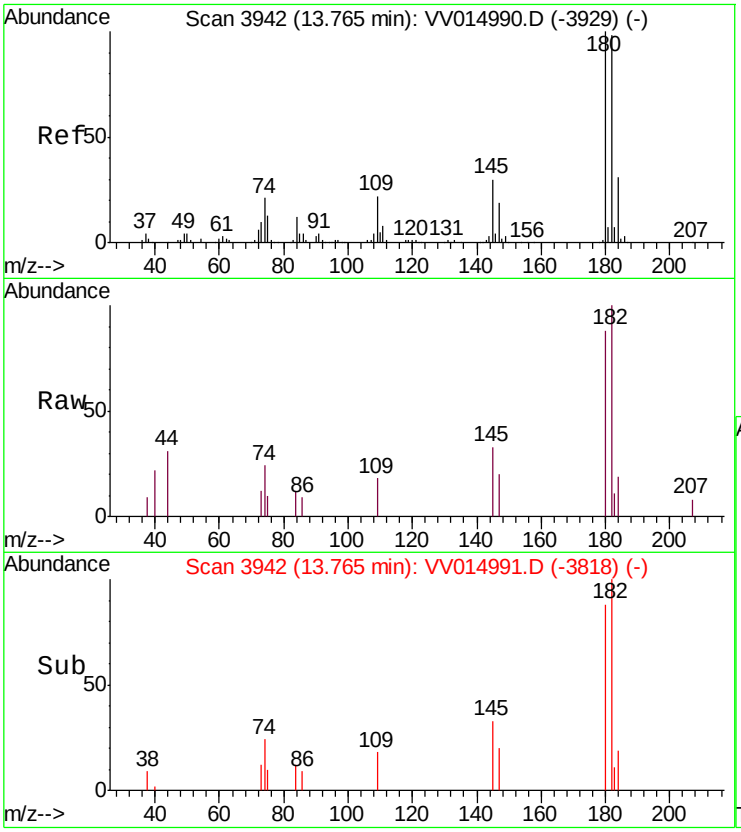


#68
1,2,4-trichlorobenzene
Concen: 3.779 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.01 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Tgt Ion:180 Resp: 12820

Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.3	114.5
145	27.0	23.1	34.7





#70
1,2,3-Trichlorobenzene
Concen: 0.544 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VV014991.D
Acq: 17 Mar 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion:180 Resp: 1827

Ion	Ratio	Lower	Upper
180	100		
182	111.3	76.2	114.4
145	36.7	24.1	36.1#