Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\

Quantitation Report (Not Reviewed)

Data File : VV012761.D
Acq On : 14 Sep 2019 12:04
Operator : SY/MD
Sample : K4707-04 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Quant Time: Sep 16 04:22:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 16 04:18:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	762408	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	306605	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	179717	41.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.18%			
7) Chloroethane-d5	1.58	69	178312	46.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.22%			
11) 1,1-Dichloroethene-d2	2.13	63	280667	33.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.78%			
21) 2-Butanone-d5	3.92	46	458075	102.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.23%			
24) Chloroform-d	4.40	84	500685	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.54%			
26) 1,2-Dichloroethane-d4	5.08	65	321423	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.98%			
32) Benzene-d6	5.10	84	942706	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.96%			
36) 1,2-Dichloropropane-d6	6.12	67	337980	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.54%			
41) Toluene-d8	7.36	98	817652	46.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.88%			
43) trans-1,3-Dichloropropene-	7.66	79	133158	47.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.12%			
47) 2-Hexanone-d5	8.13	63	257400	98.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.78%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	413878	47.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.26%			
64) 1,2-Dichlorobenzene-d4	11.67	152	374948	53.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.16%			
Target Compounds						Qvalue
25) Chloroform	4.43	83	23205	2.326	ug/L	100
33) Benzene	5.14	78	1117158	56.942	ug/L	100
48) 2-Hexanone	8.18	43	39007	6.157	ug/L #	78
51) Chlorobenzene	8.92	112	2921372	209.279	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	117873	12.447	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1149771	118.358	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	1610096	161.696	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	182864	30.934	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	56114	8.745	ug/L	99

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

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Quantitation Report (Not Reviewed)

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Operator : SY/MD
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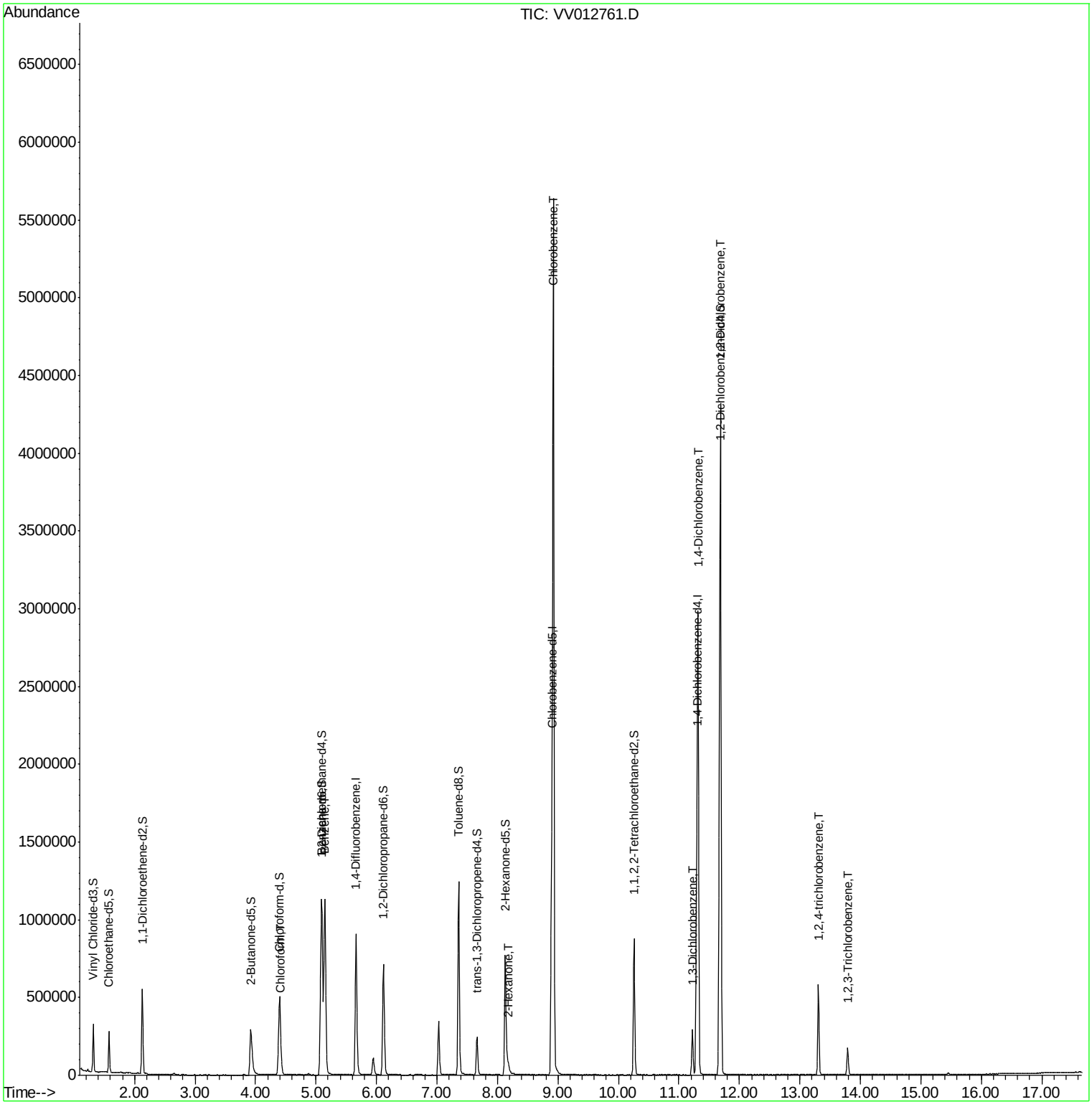
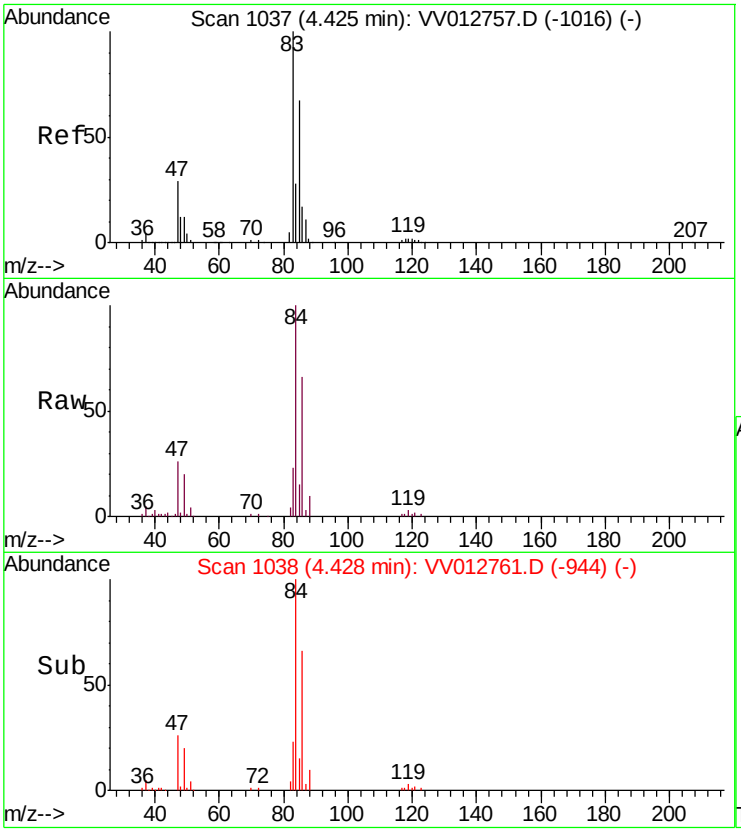
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Quant Time: Sep 16 04:22:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 16 04:18:41 2019
Response via : Initial Calibration



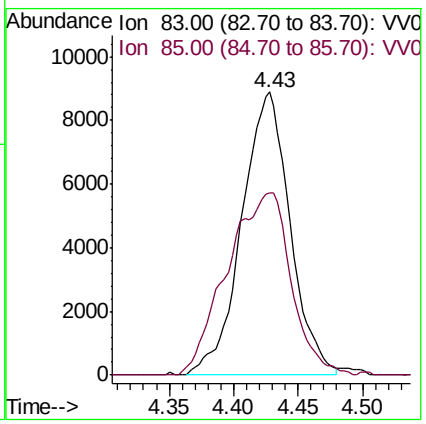


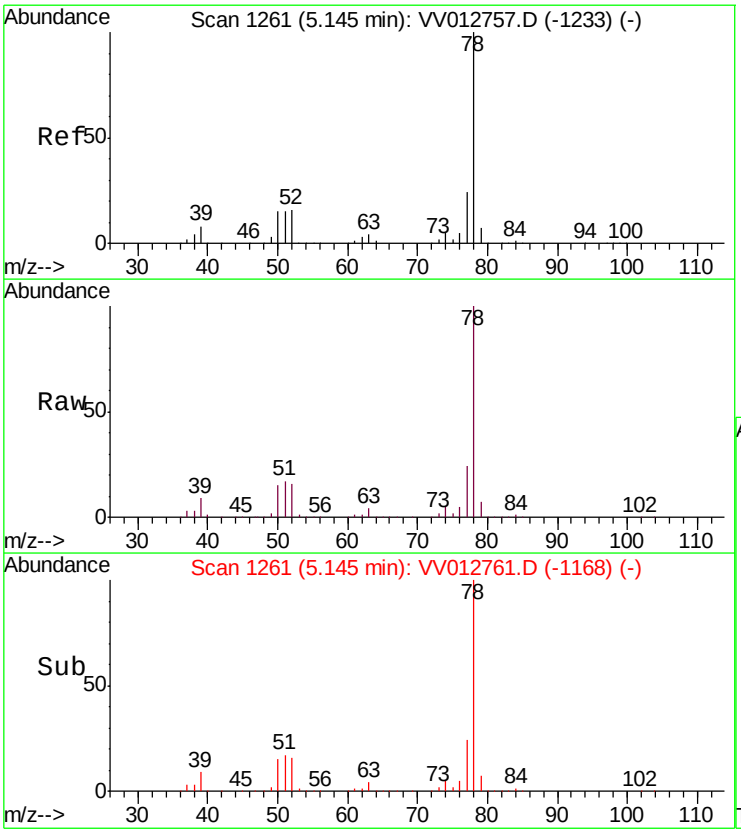
#25
Chloroform
Concen: 2.326 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5DL

Tgt Ion: 83 Resp: 23205

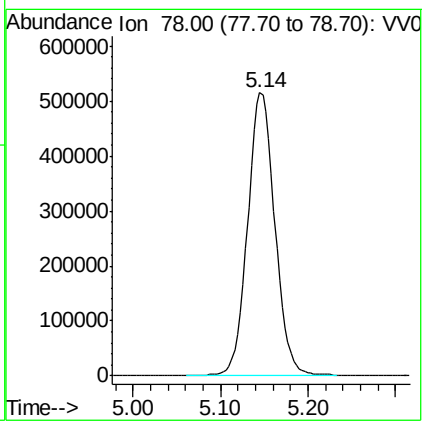
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.1	83.9

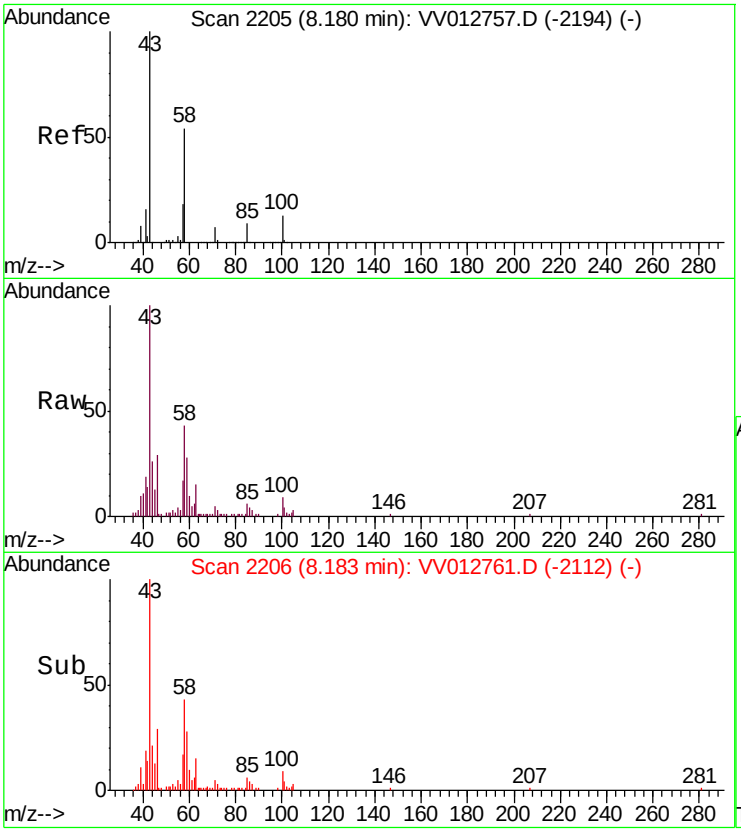




#33
Benzene
Concen: 56.942 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Tgt Ion: 78 Resp: 1117158



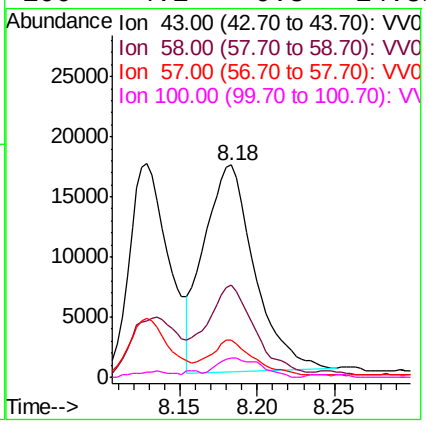


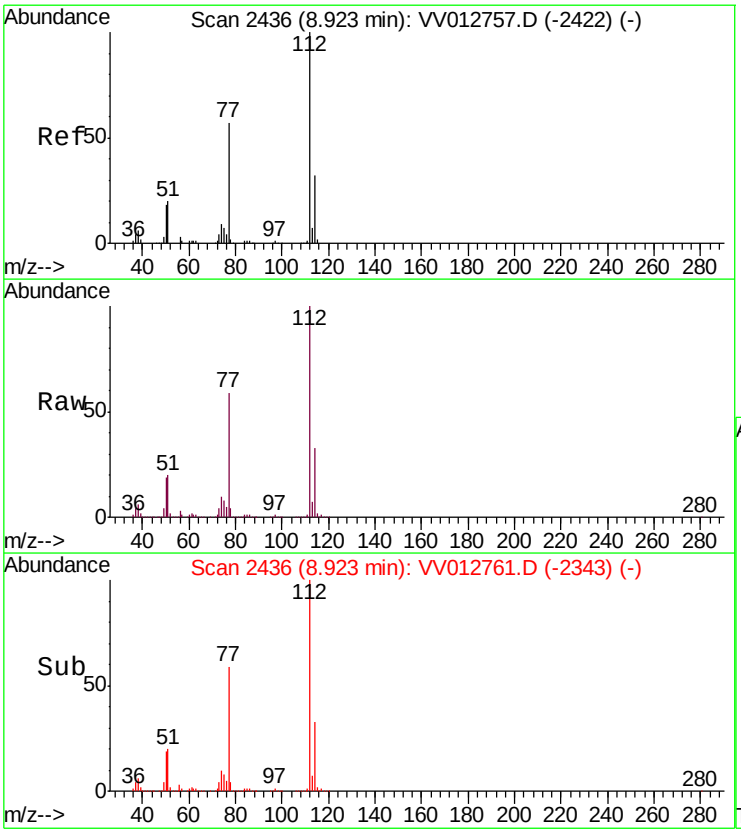
#48
2-Hexanone
Concen: 6.157 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Tgt Ion: 43 Resp: 39007

Ion	Ratio	Lower	Upper
43	100		
58	35.0	43.8	65.8#
57	15.8	14.3	21.5
100	4.1	9.8	14.8#

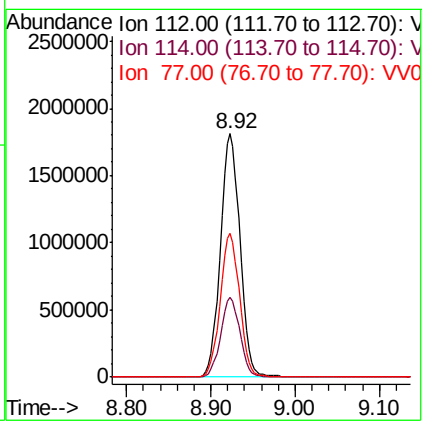


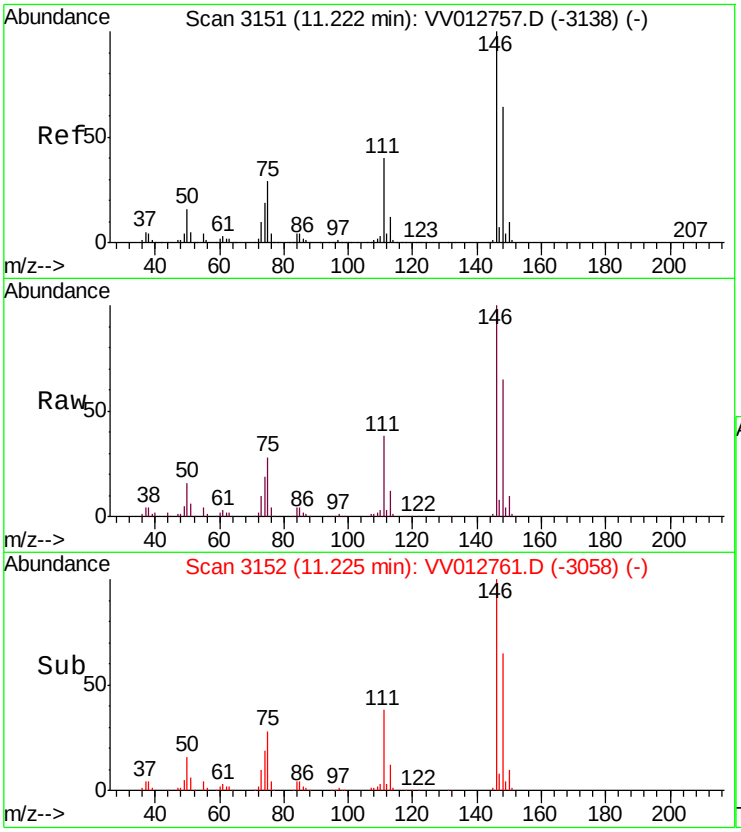


#51
Chlorobenzene
Concen: 209.279 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Tgt Ion:112 Resp: 2921372

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	58.8	46.7	70.1



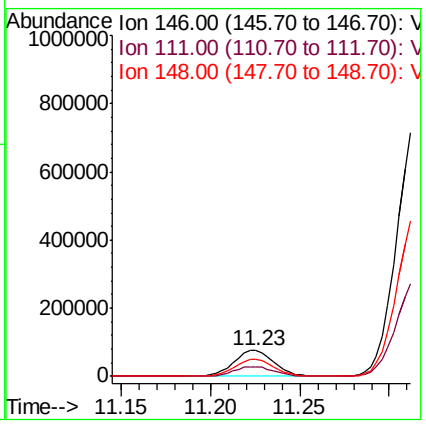


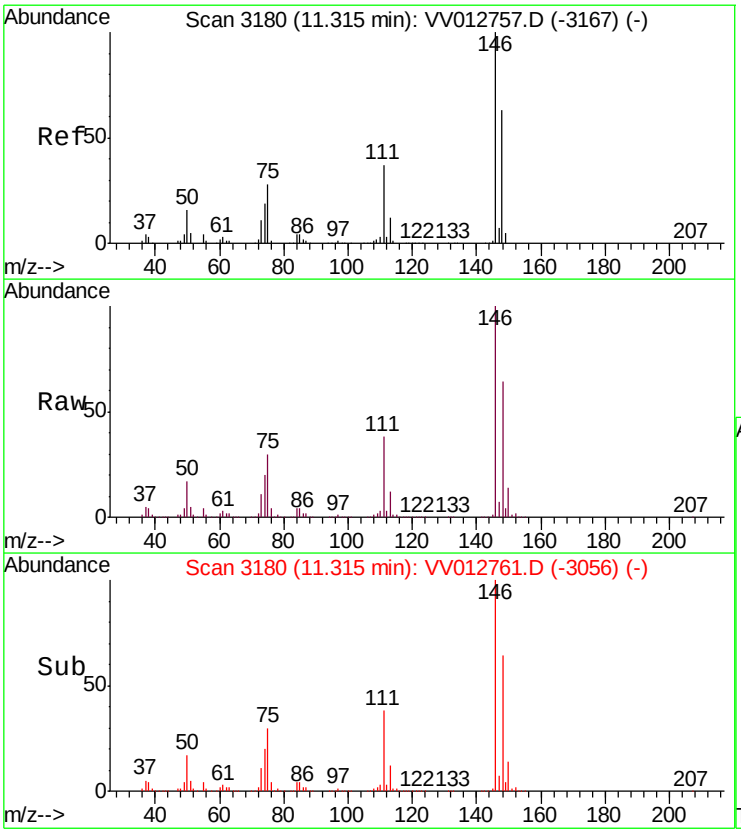
#62
1,3-Dichlorobenzene
Concen: 12.447 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Tgt Ion:146 Resp: 117873

Ion	Ratio	Lower	Upper
146	100		
111	38.3	27.2	50.6
148	65.2	45.2	84.0

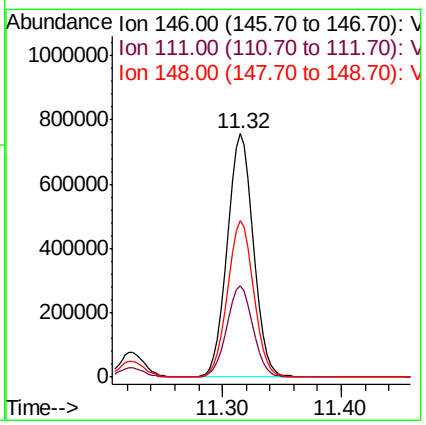


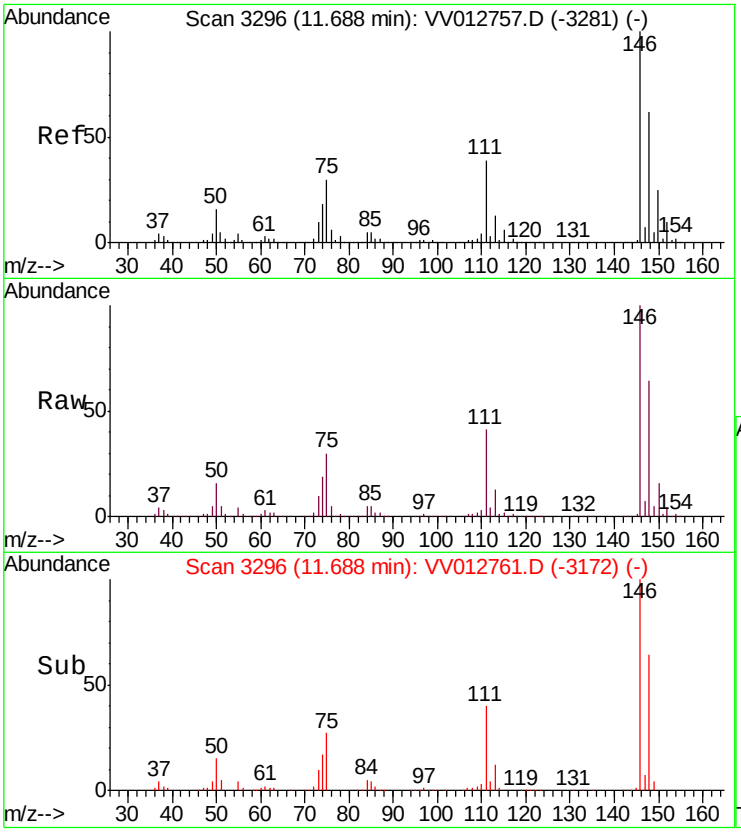


#63
1,4-Dichlorobenzene
Concen: 118.358 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Tgt Ion:146 Resp: 1149771

Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.2	48.8
148	64.2	45.0	83.6



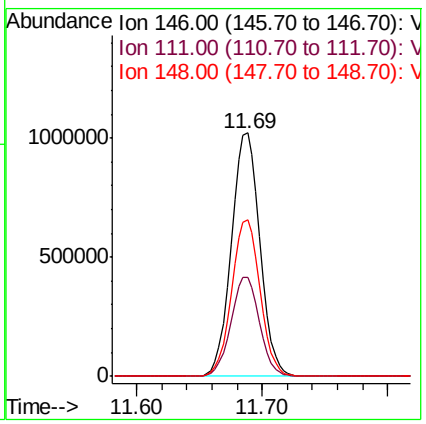


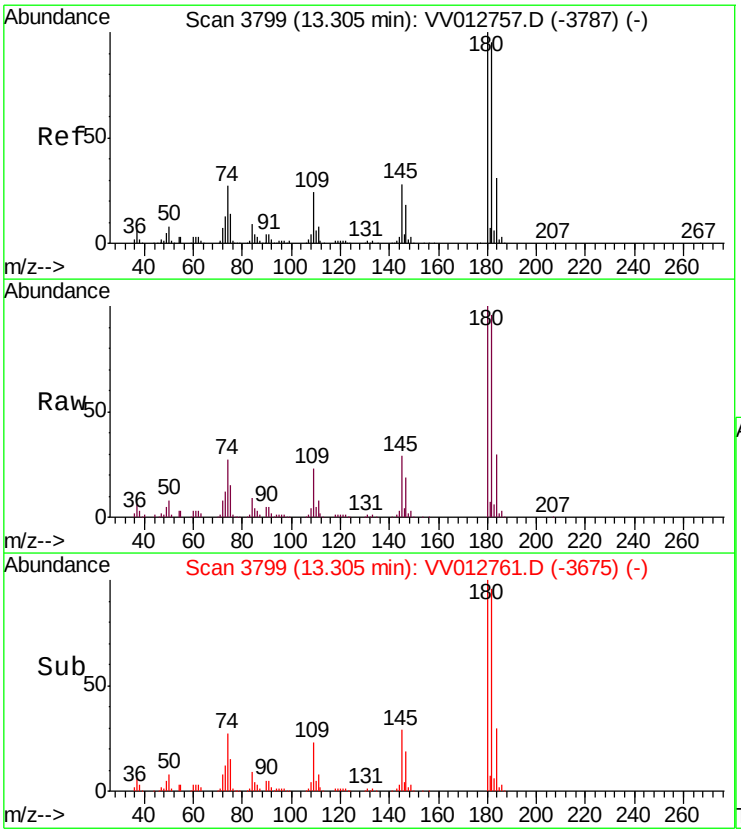
#65
1,2-Dichlorobenzene
Concen: 161.696 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Tgt Ion:146 Resp: 1610096

Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.2	48.2
148	64.2	51.5	77.3

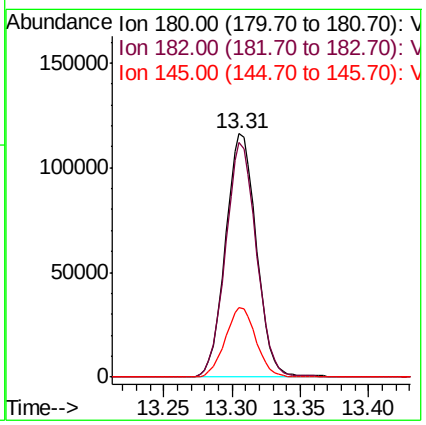


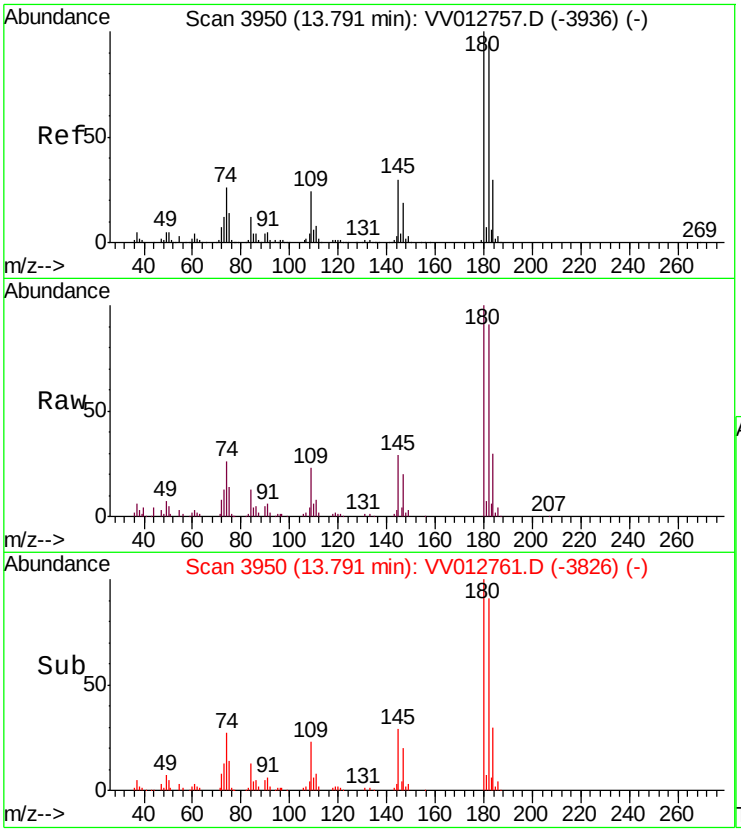


#68
1,2,4-trichlorobenzene
Concen: 30.934 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Tgt Ion:180 Resp: 182864

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	28.2	23.0	34.4





#70
1,2,3-Trichlorobenzene
Concen: 8.745 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV012761.D
Acq: 14 Sep 2019 12:04

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5DL

Tgt Ion:180 Resp: 56114

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.6	113.4
145	29.0	24.2	36.2