Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007756.D
Acq On : 23 Sep 2018 00:31
Operator : SY/MD
Sample : J5012-04 250X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C08K7

Quant Time: Sep 24 04:46:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167760	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84727	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38060	41.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.48%			
7) Chloroethane-d5	1.59	69	39263	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.78%			
11) 1,1-Dichloroethene-d2	2.14	63	70261	32.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.36%			
21) 2-Butanone-d5	3.95	46	60322	100.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.17%			
24) Chloroform-d	4.41	84	88199	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.36%			
26) 1,2-Dichloroethane-d4	5.09	65	60774	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.62%			
32) Benzene-d6	5.11	84	173674	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.16%			
36) 1,2-Dichloropropane-d6	6.13	67	52915	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.14%			
41) Toluene-d8	7.36	98	168702	43.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.52%			
43) trans-1,3-Dichloropropene-	7.67	79	21073	38.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.74%			
47) 2-Hexanone-d5	8.14	63	46156	96.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.21%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79073	46.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	82377	47.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.52%			
Target Compounds						Qvalue
33) Benzene	5.15	78	148373	38.594	ug/L	100
51) Chlorobenzene	8.93	112	357059	108.774	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	25277	9.409	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	171541	61.562	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	207886	76.531	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	21675	10.704	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	7666	3.745	ug/L	98

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

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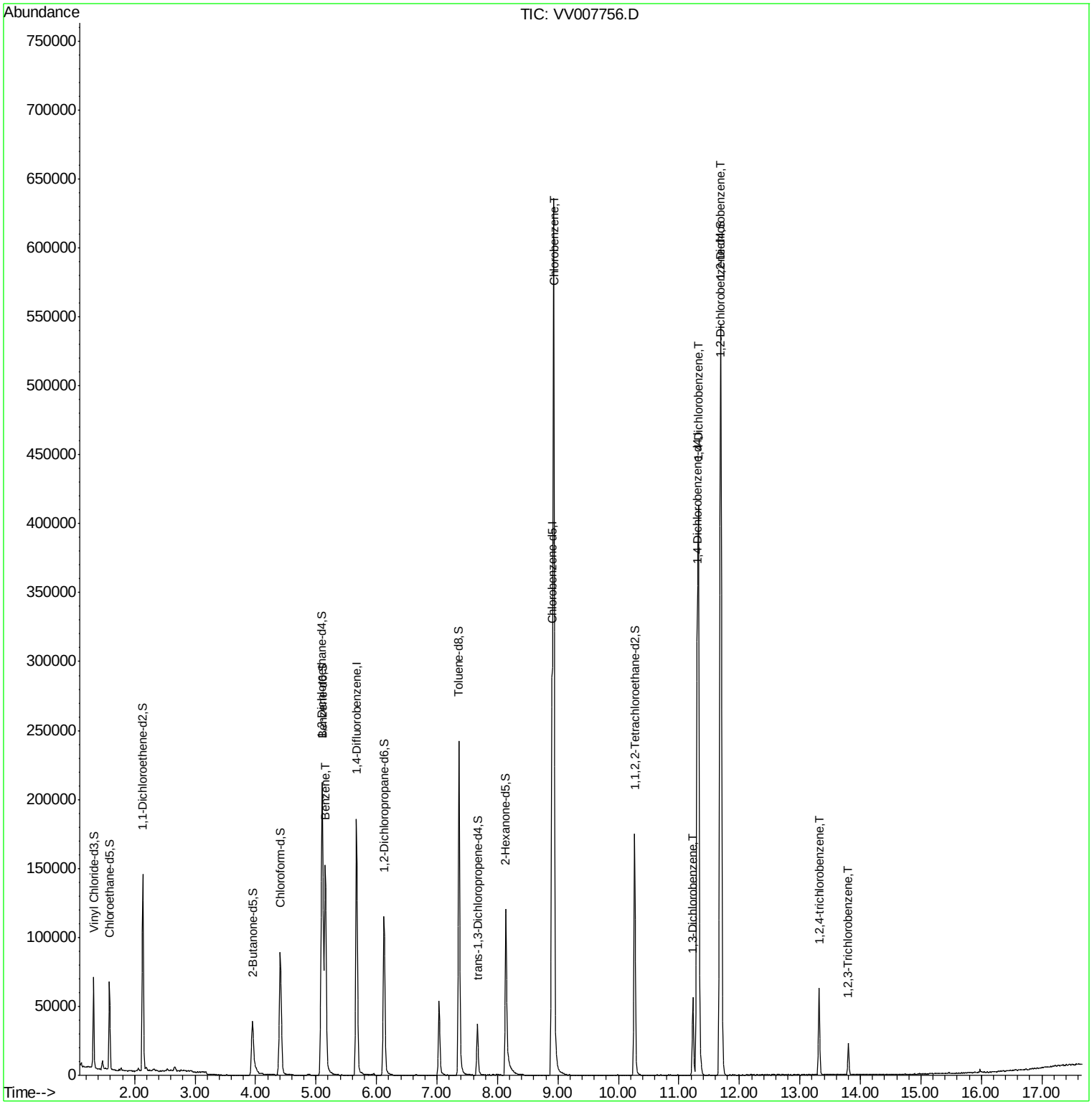
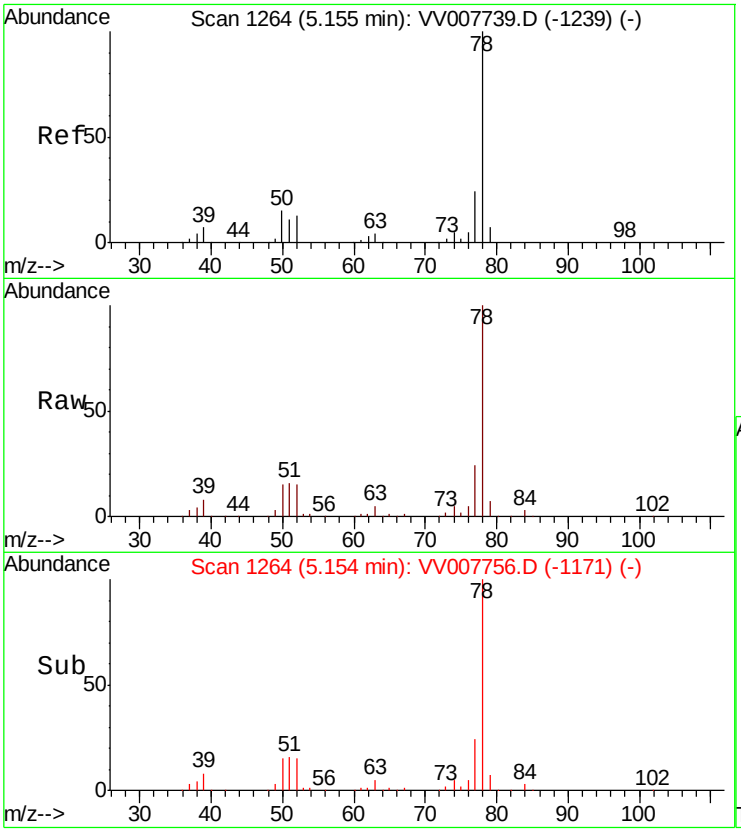
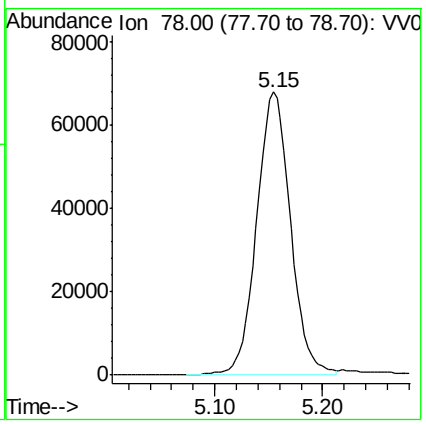


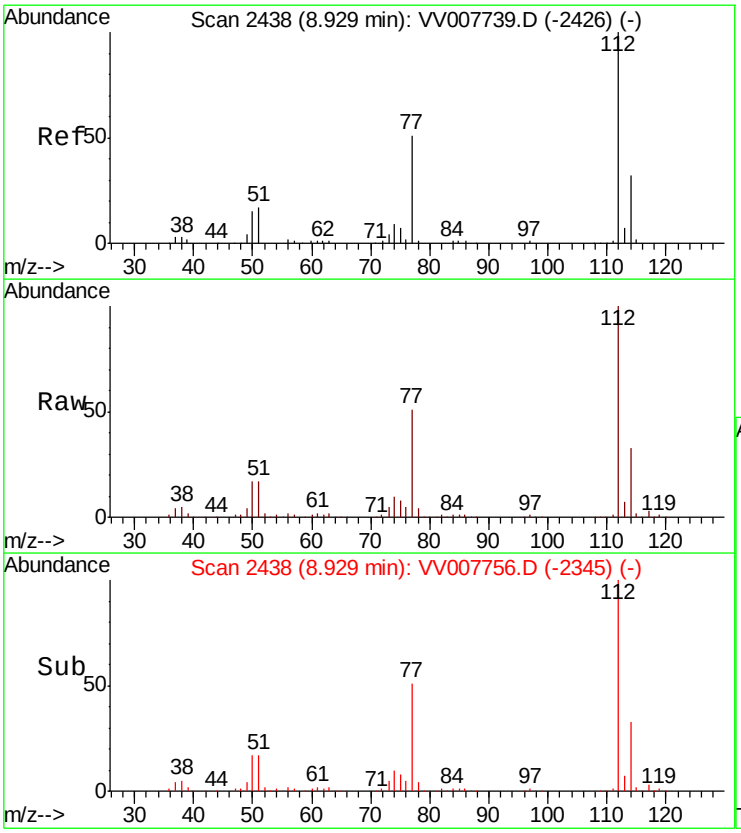


#33
Benzene
Concen: 38.594 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Instrument :
MSVOA_V
ClientSampleId :
C08K7

Tgt Ion: 78 Resp: 148373

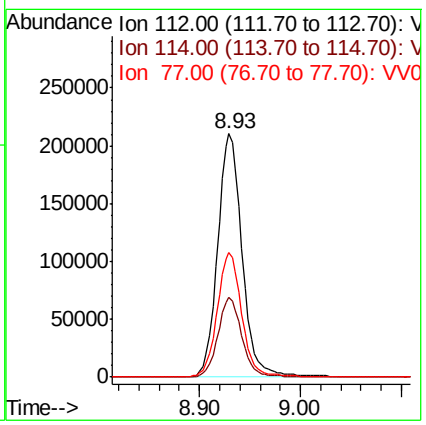


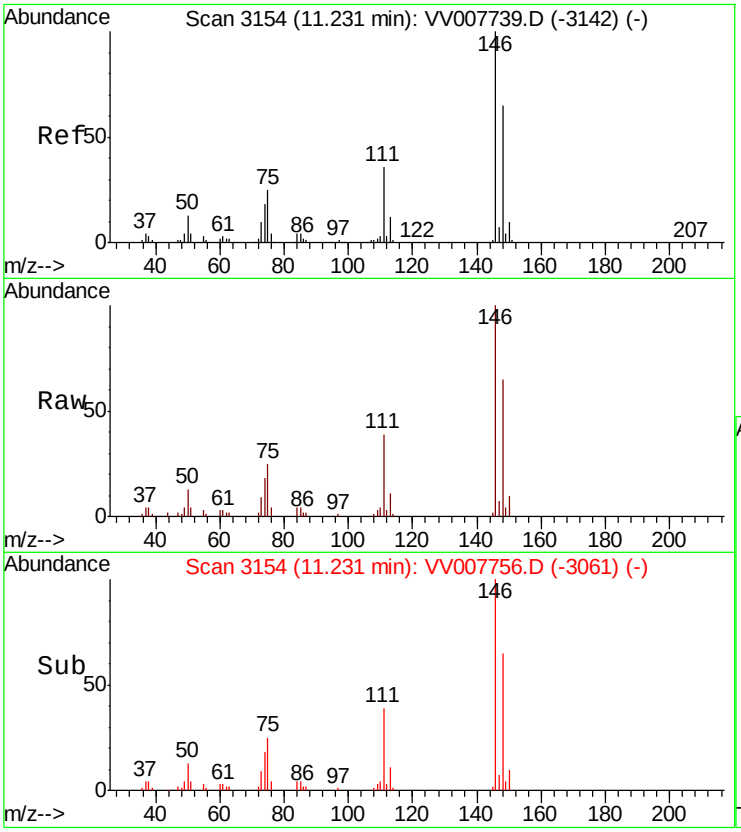


#51
Chlorobenzene
Concen: 108.774 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Tgt Ion:112 Resp: 357059

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.3
77	51.2	40.6	60.8



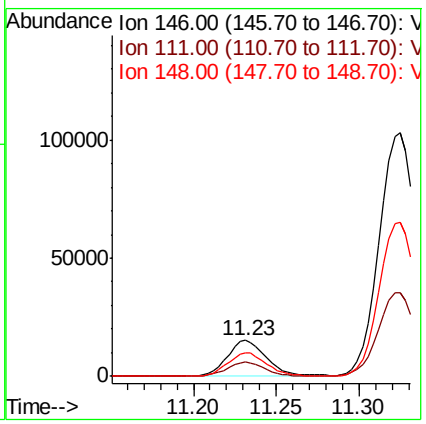


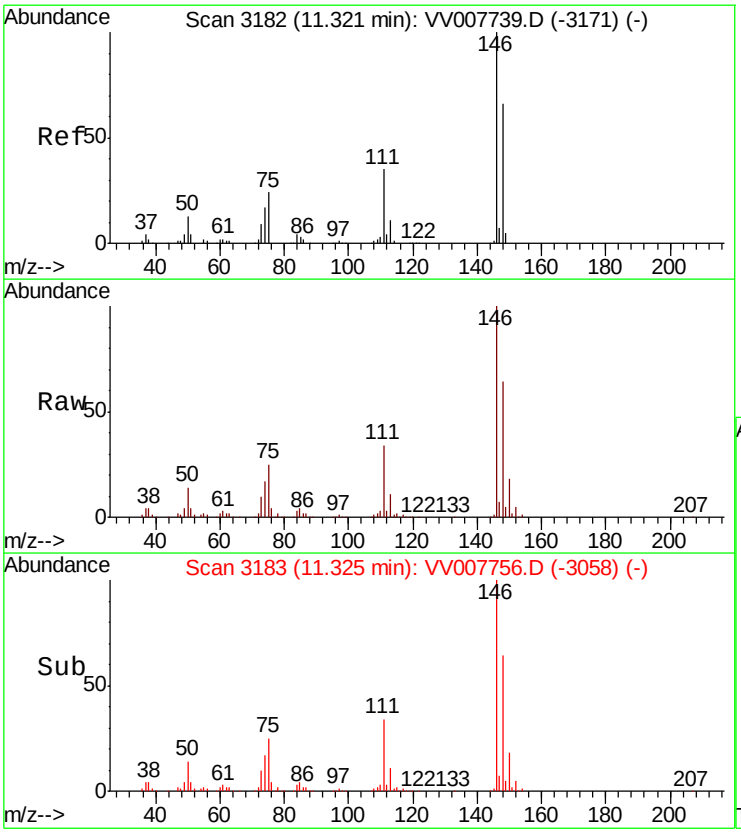
#62
1,3-Dichlorobenzene
Concen: 9.409 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. -0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Instrument : MSVOA_V
ClientSampleId : C08K7

Tgt Ion:146 Resp: 25277

Ion	Ratio	Lower	Upper
146	100		
111	38.9	25.1	46.7
148	65.2	45.1	83.9

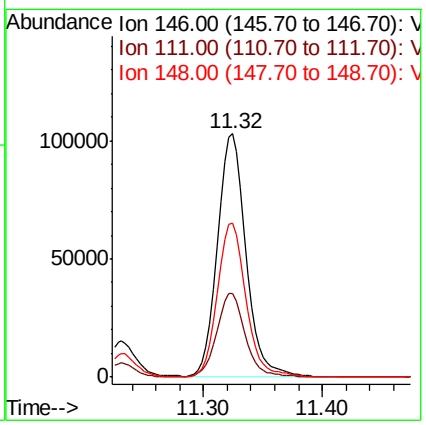


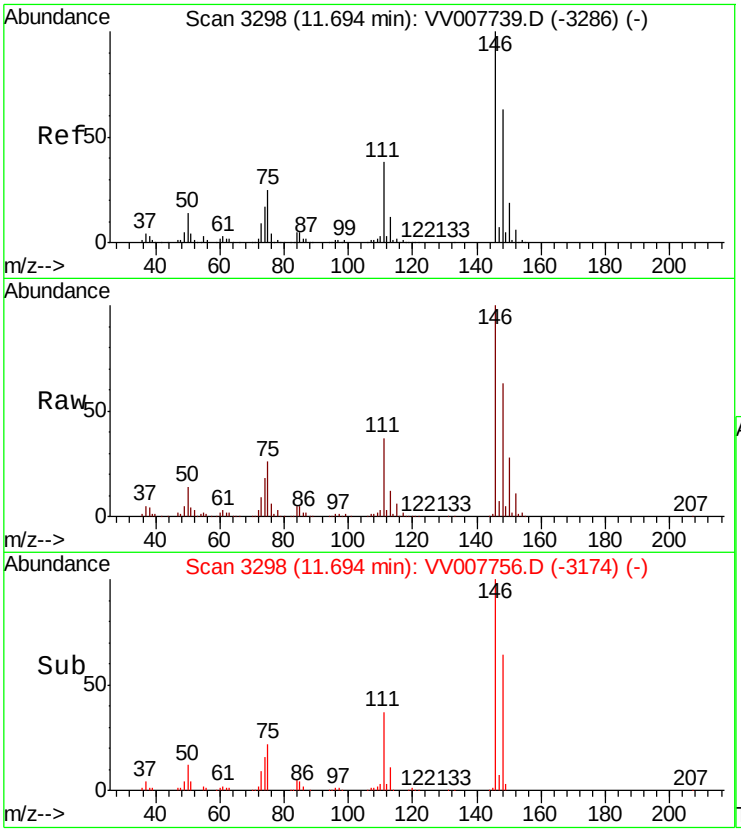


#63
1,4-Dichlorobenzene
Concen: 61.562 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Tgt Ion:146 Resp: 171541

Ion	Ratio	Lower	Upper
146	100		
111	34.4	24.4	45.4
148	63.5	45.1	83.7



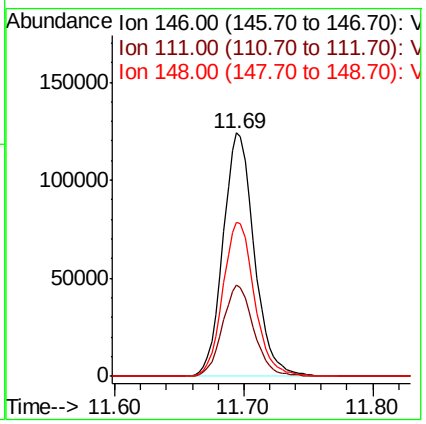


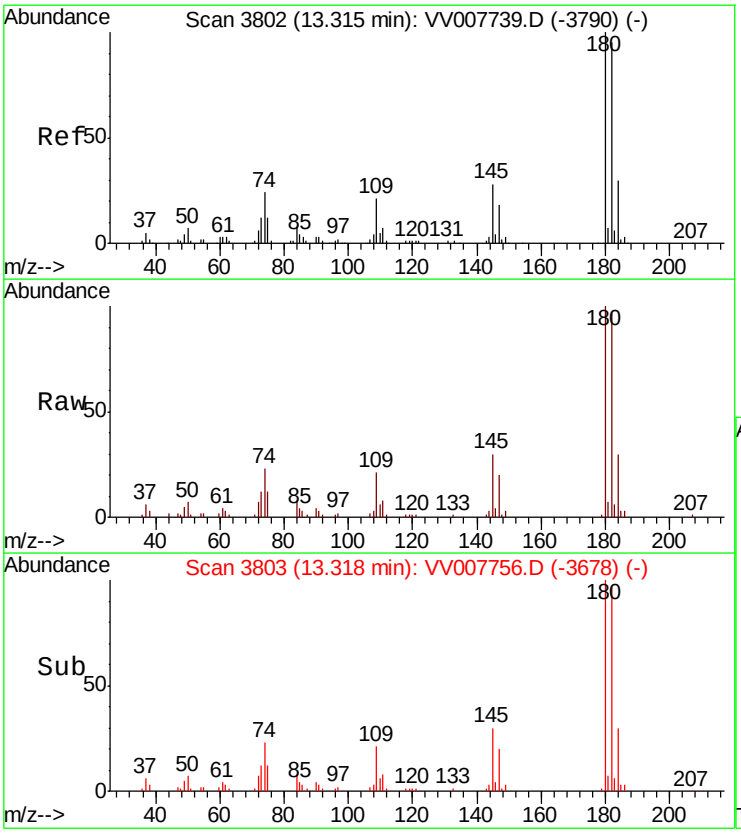
#65
1,2-Dichlorobenzene
Concen: 76.531 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Instrument :
MSVOA_V
ClientSampleId :
C08K7

Tgt Ion:146 Resp: 207886

Ion	Ratio	Lower	Upper
146	100		
111	37.4	29.8	44.8
148	63.5	50.8	76.2

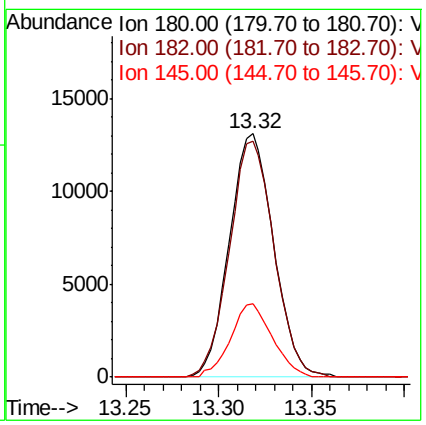


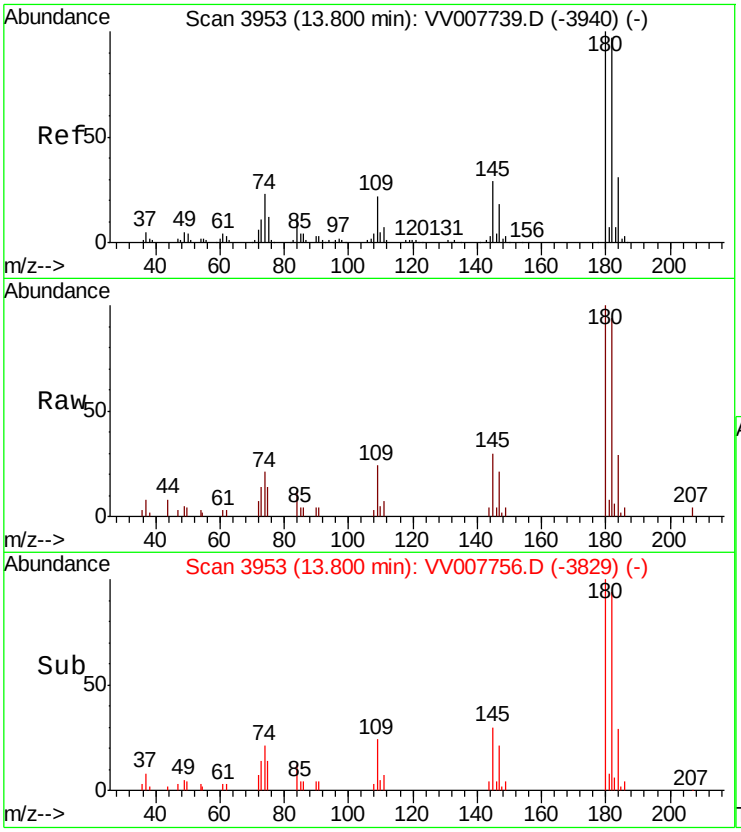


#68
1,2,4-trichlorobenzene
Concen: 10.704 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Tgt Ion:180 Resp: 21675

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.0	115.6
145	28.5	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 3.745 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. -0.00 min
Lab File: VV007756.D
Acq: 23 Sep 2018 00:31

Instrument :
MSVOA_V
ClientSampleId :
C08K7

Tgt Ion:180 Resp: 7666

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.4	116.2
145	28.6	23.3	34.9