Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027256.D
Acq On : 17 Sep 2015 15:40
Operator : MD\FY
Sample : G3663-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
MMDadoda
9/18/2015 12:23:13 PM

Quant Time: Sep 18 03:10:18 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	715288	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1268241	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1050019	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	346228	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	709217	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.78%			
36) Dibromofluoromethane	7.68	113	455269	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
51) Toluene-d8	10.19	98	1853339	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.68%			
63) 4-Bromofluorobenzene	12.52	95	599881	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
Target Compounds						Qvalue
17) Acetone	3.85	43	16537	4.19	ug/l #	88
20) Methyl tert-butyl Ether	5.13	73	8179m	0.22	ug/l	
53) Toluene	10.26	92	9947	0.39	ug/l	86
69) m/p-Xylenes	11.73	106	4172	0.26	ug/l	80

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

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Manual Integrations APPROVED
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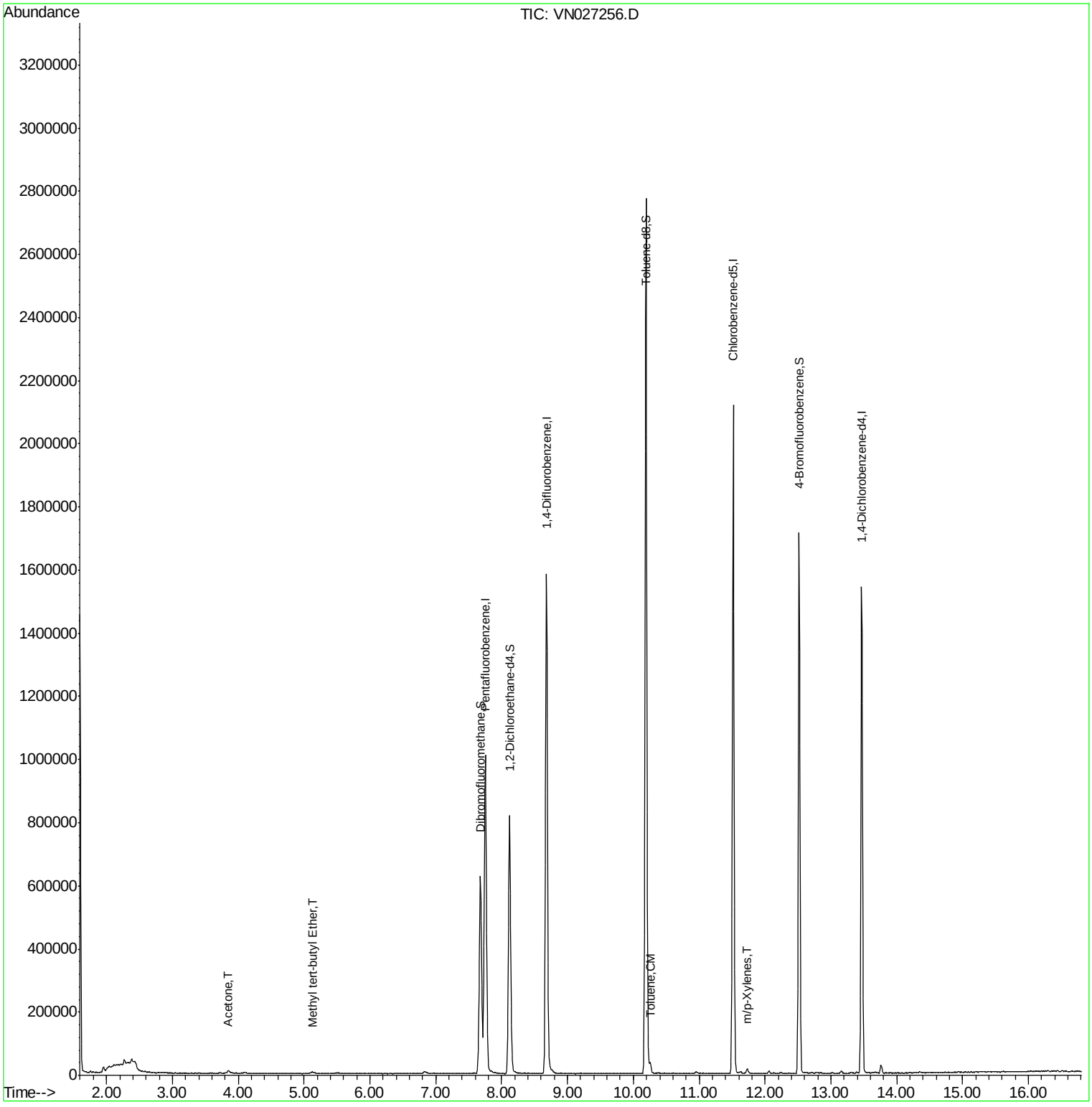
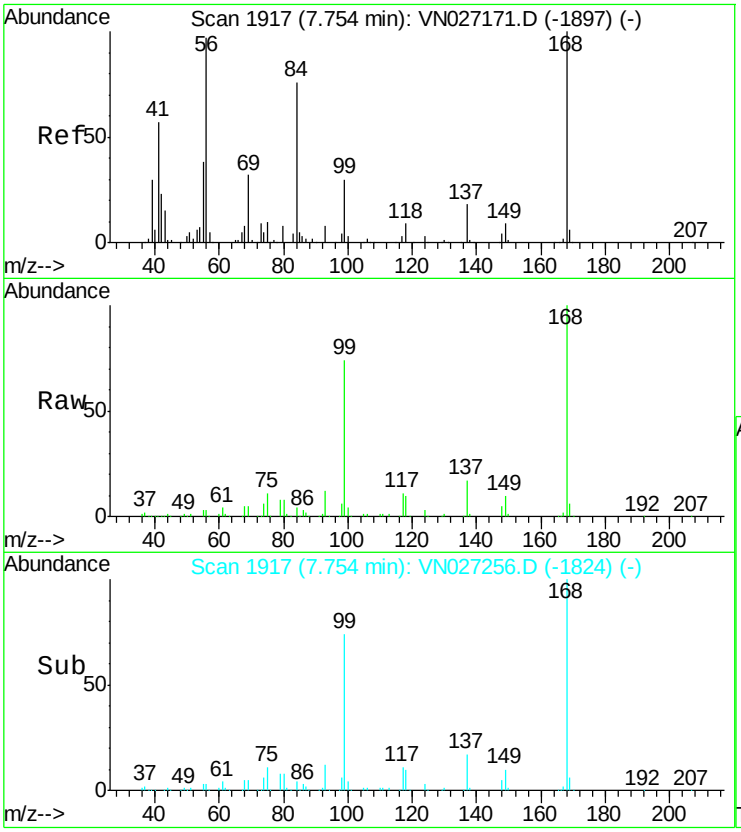
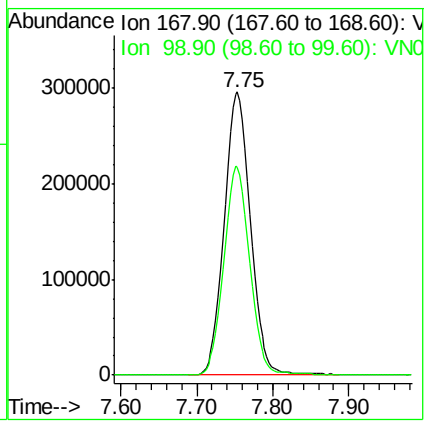




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:168 Resp: 715288

Ion	Ratio	Lower	Upper
168	100		
99	73.5	50.4	75.6



Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
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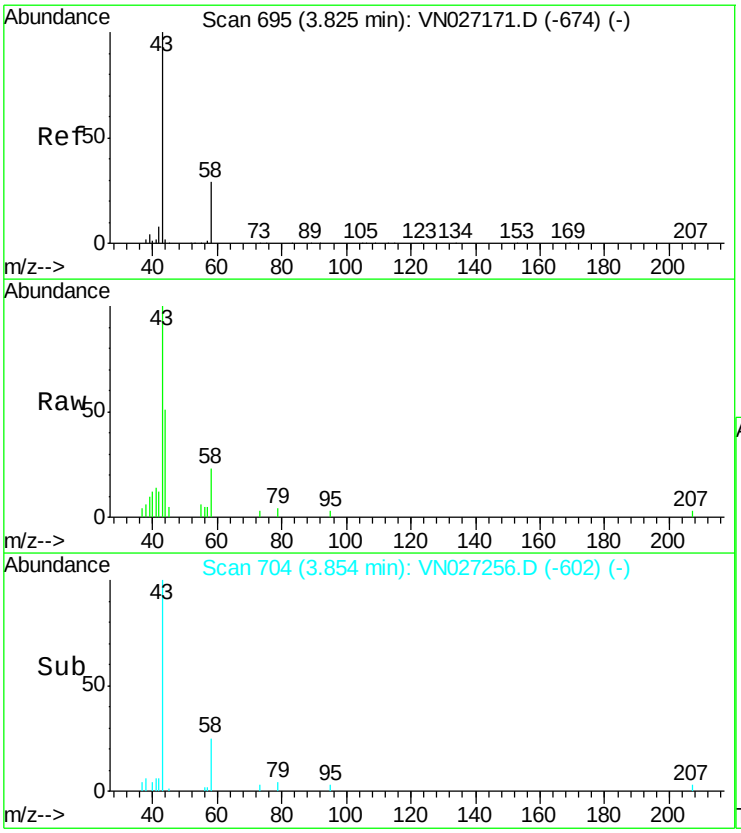
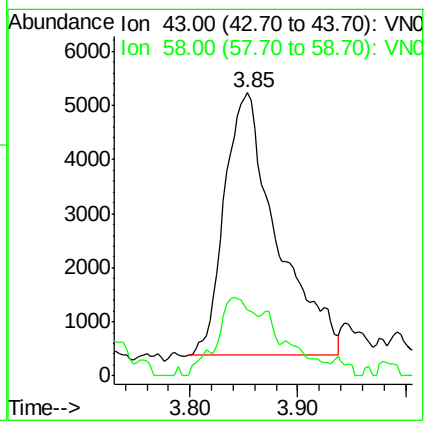
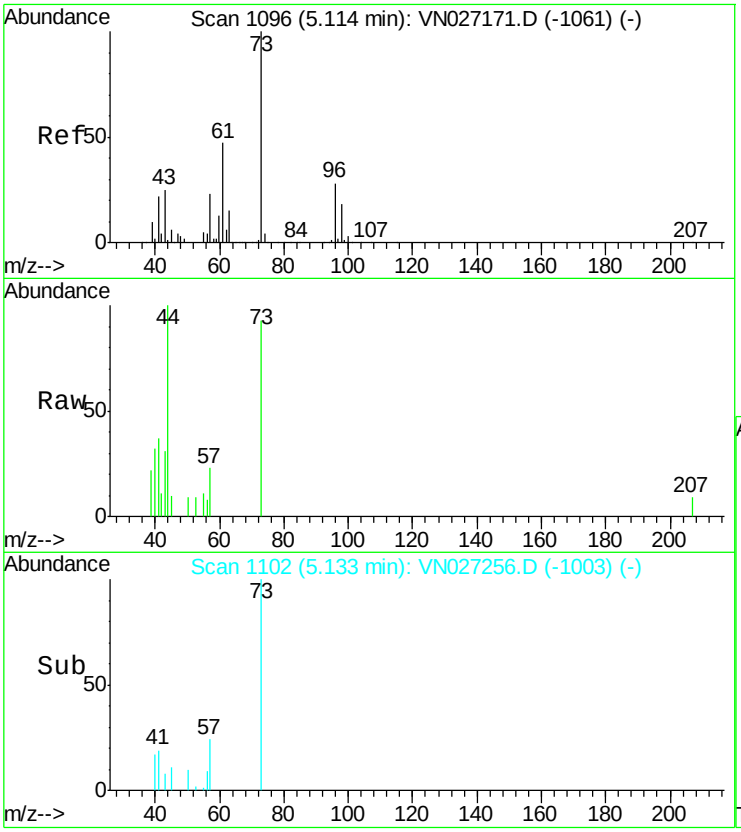


#17
Acetone
Concen: 4.19 ug/l
RT: 3.85 min Scan# 704
Delta R.T. 0.03 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 43 Resp: 16537

Ion	Ratio	Lower	Upper
43	100		
58	25.0	25.4	38.0#

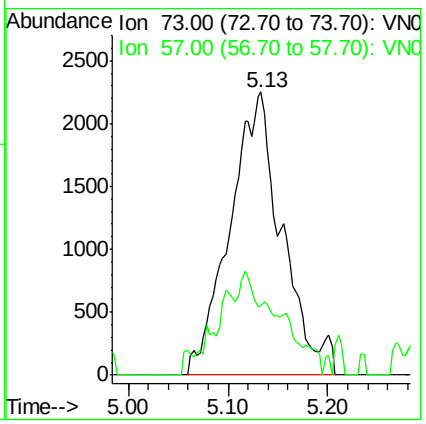




#20
Methyl tert-butyl Ether
Concen: 0.22 ug/l m
RT: 5.13 min Scan# 1102
Delta R.T. 0.02 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 73 Resp: 8179

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.8	29.6



Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
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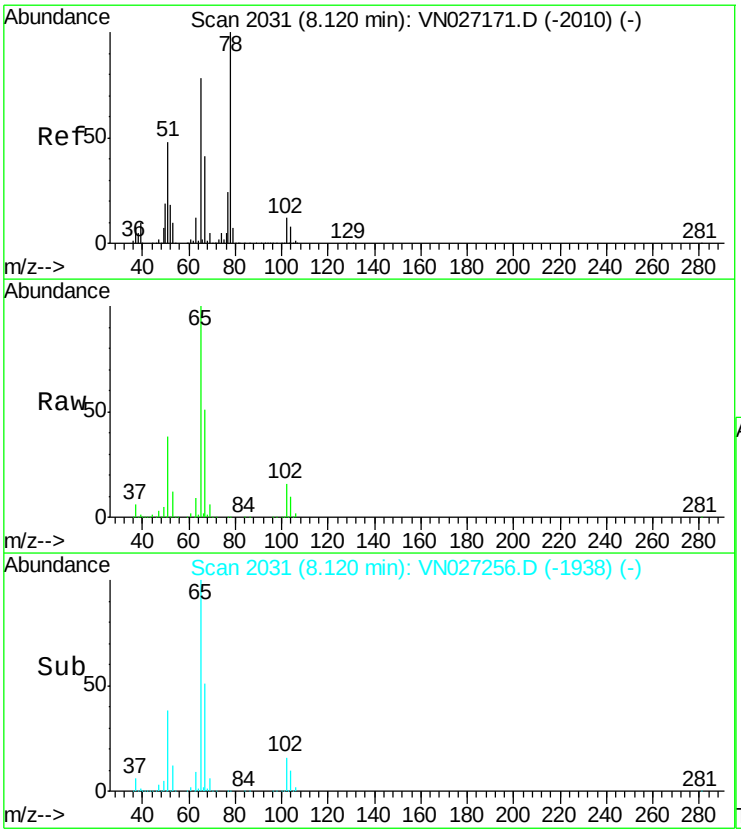
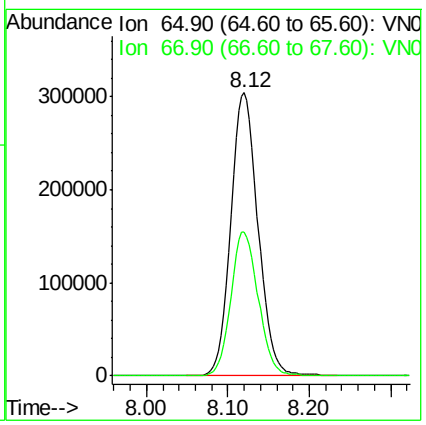
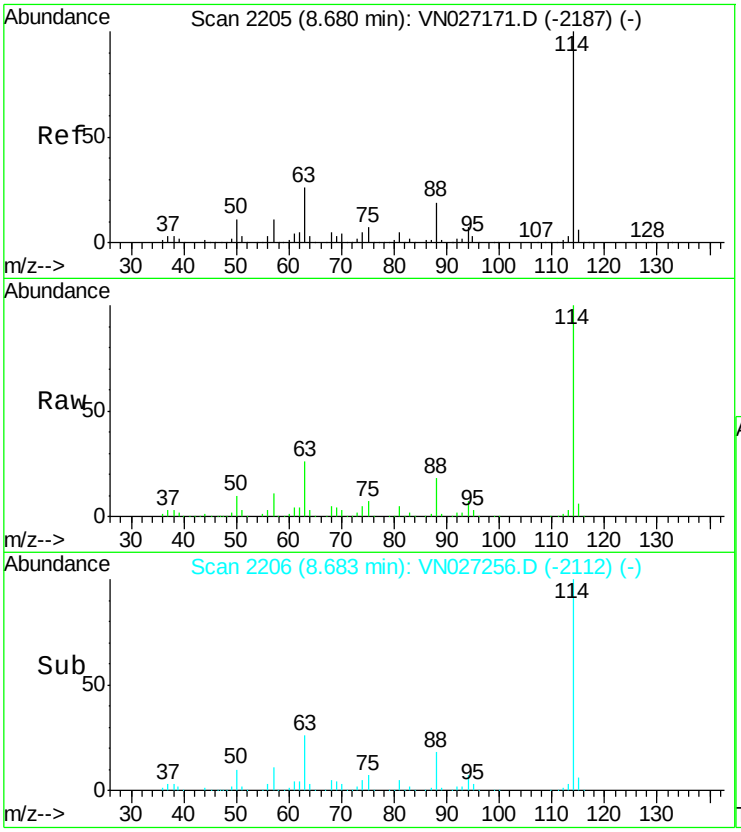


#34
1,2-Dichloroethane-d4
Concen: 48.39 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 65 Resp: 709217

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	110.6

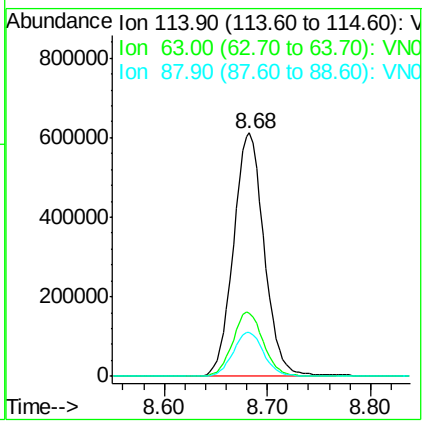




#35
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.68 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:114 Resp: 1268241

Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	48.8
88	18.3	0.0	32.2



Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
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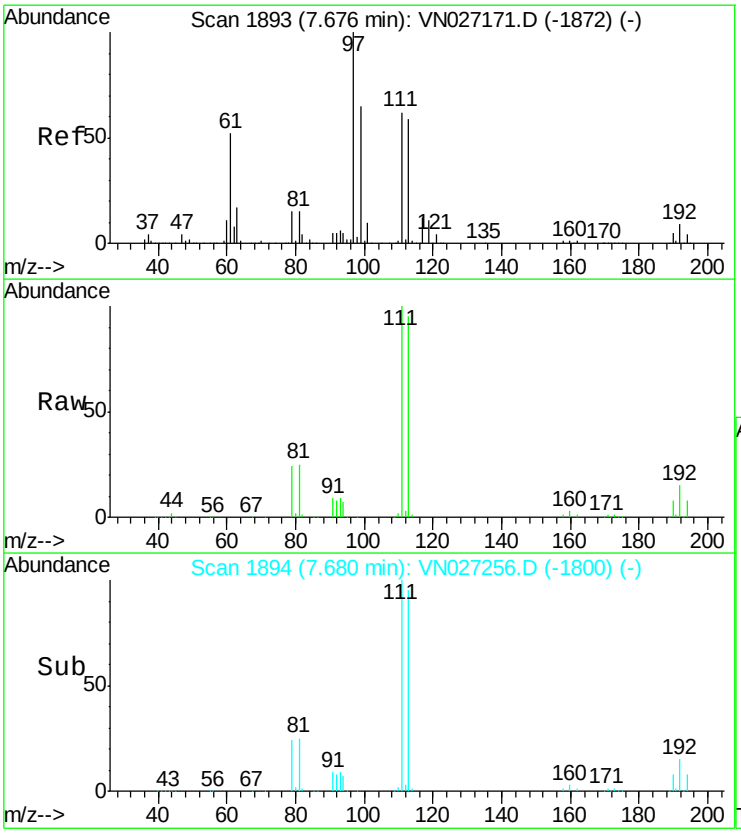
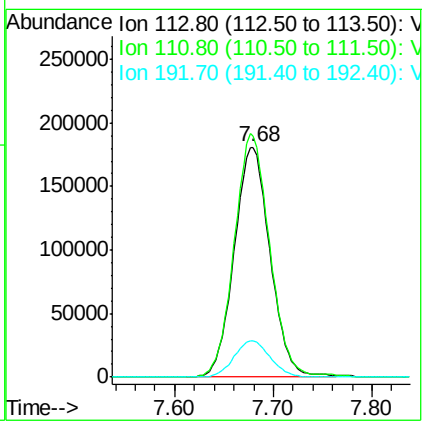
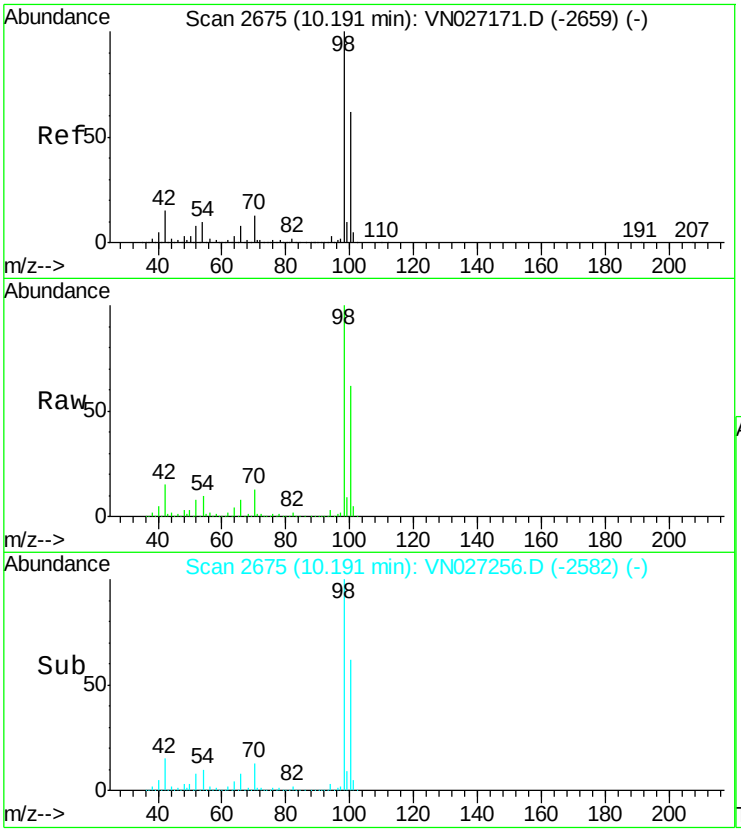


#36
Dibromofluoromethane
Concen: 51.79 ug/l
RT: 7.68 min Scan# 1894
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:113 Resp: 455269

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.0	124.4
192	15.9	14.1	21.1

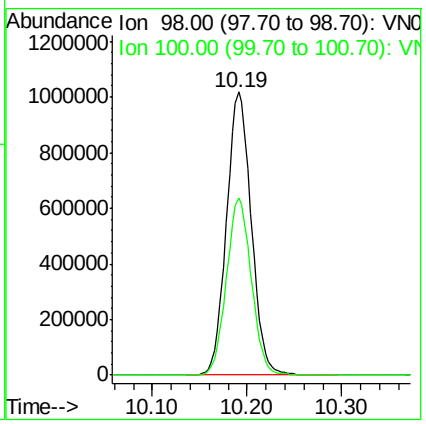




#51
Toluene-d8
Concen: 53.84 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 98 Resp: 1853339

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.5	75.7



Instrument :
MSVOA_N
ClientSampleId :
GW-3

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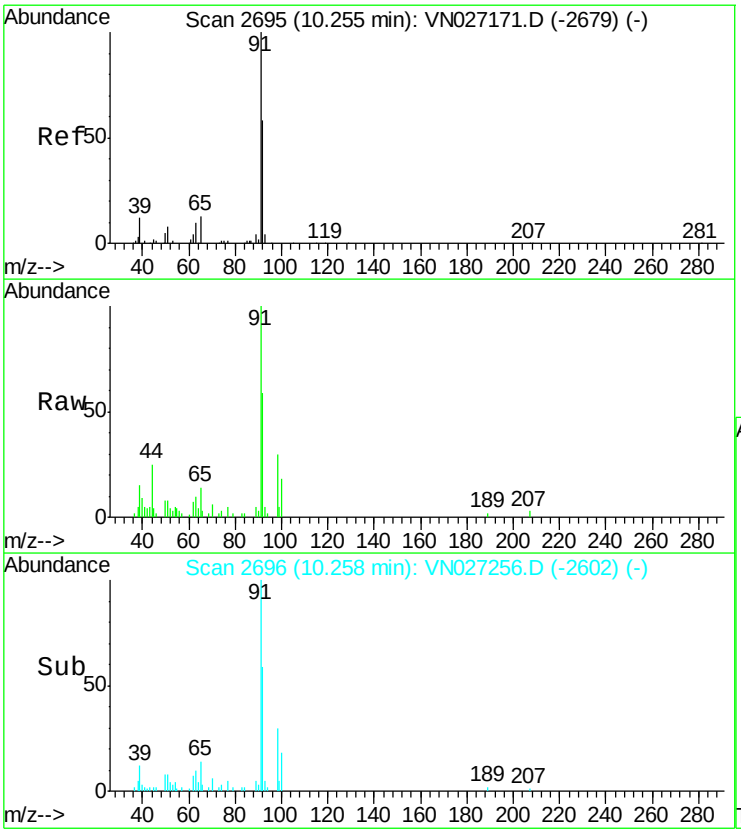
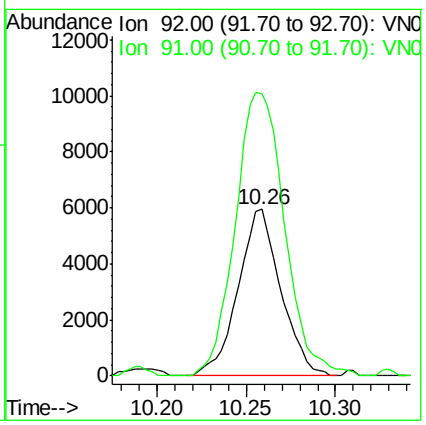
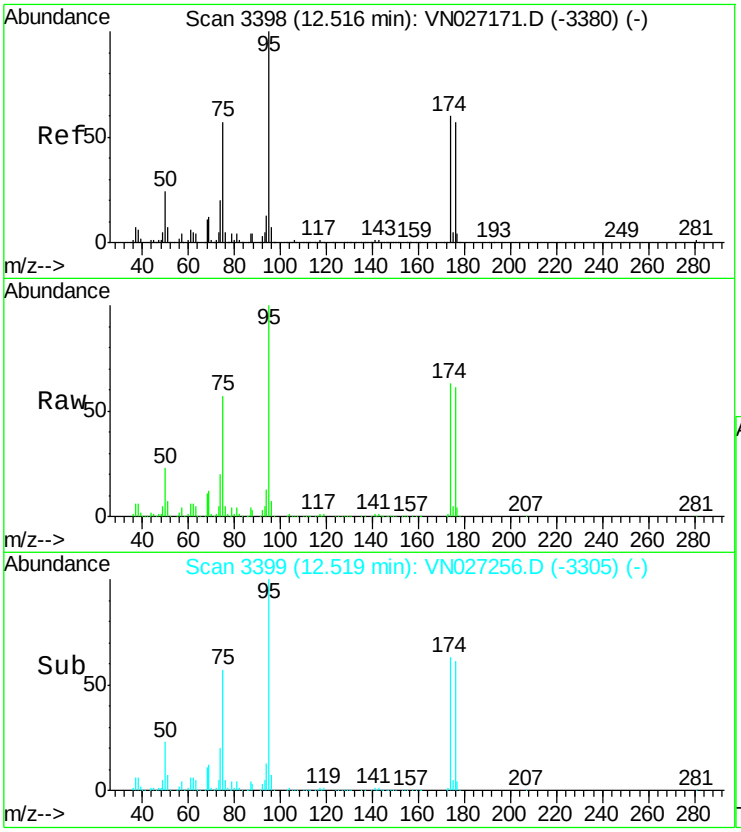


#53
Toluene
Concen: 0.39 ug/l
RT: 10.26 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 92 Resp: 9947

Ion	Ratio	Lower	Upper
92	100		
91	196.7	141.4	212.2





#63
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion: 95 Resp: 599881

Ion	Ratio	Lower	Upper
95	100		
174	62.6	0.0	137.0
176	60.6	0.0	130.8

Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
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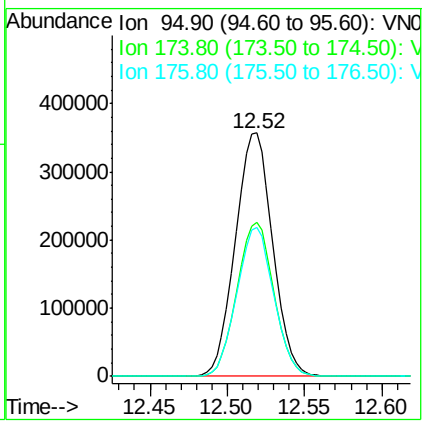
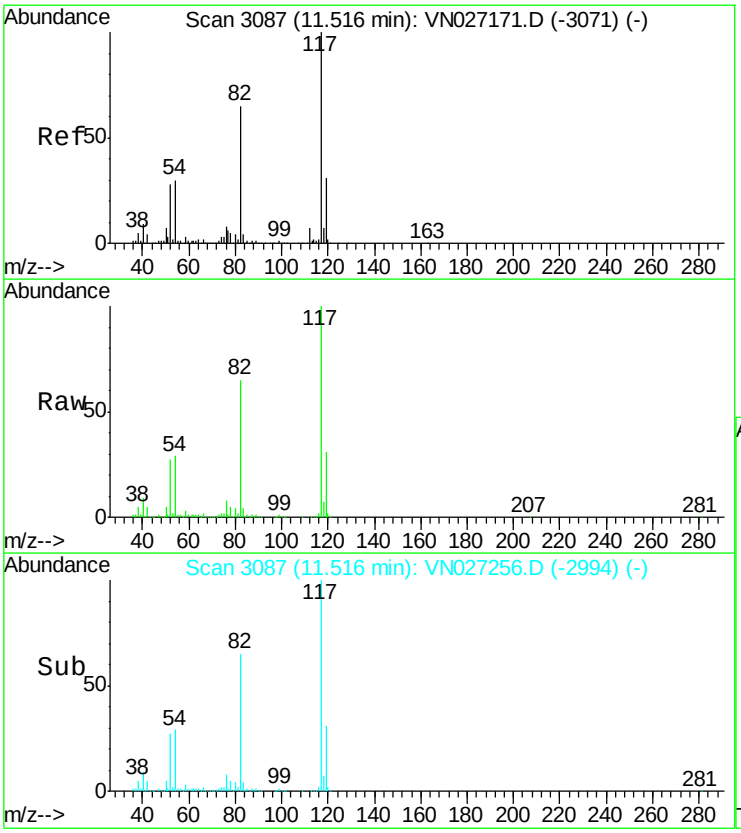
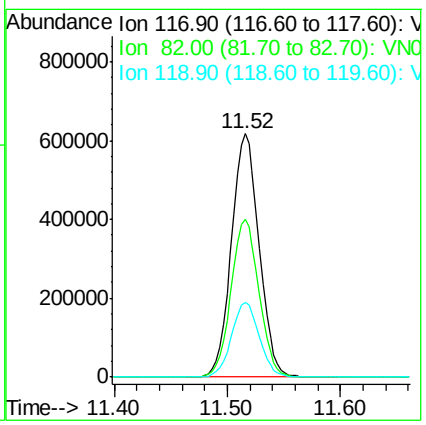


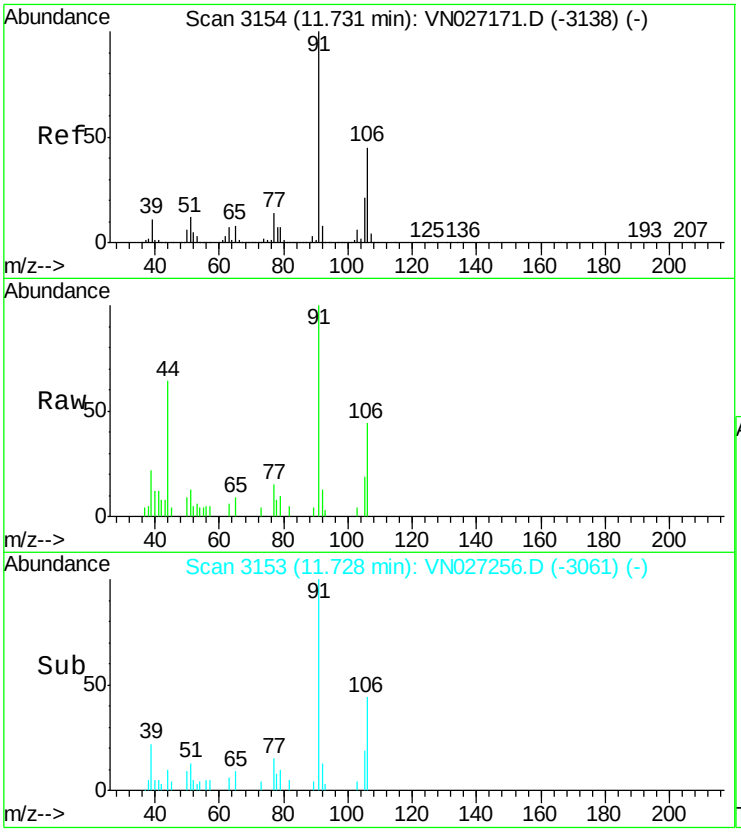


#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:117 Resp: 1050019

Ion	Ratio	Lower	Upper
117	100		
82	64.6	49.6	74.4
119	30.8	24.6	36.8





#69
m/p-Xylenes
Concen: 0.26 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:106 Resp: 4172

Ion	Ratio	Lower	Upper
106	100		
91	240.4	167.1	250.7

Instrument :
MSVOA_N
ClientSampleId :
GW-3

Manual Integrations APPROVED
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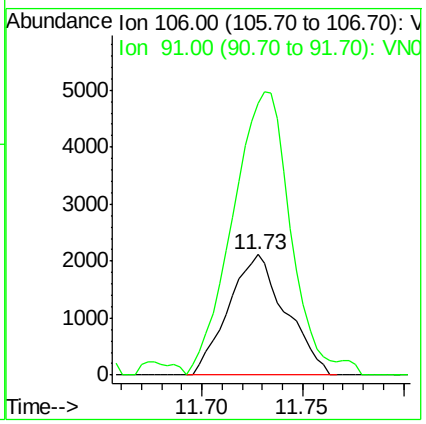
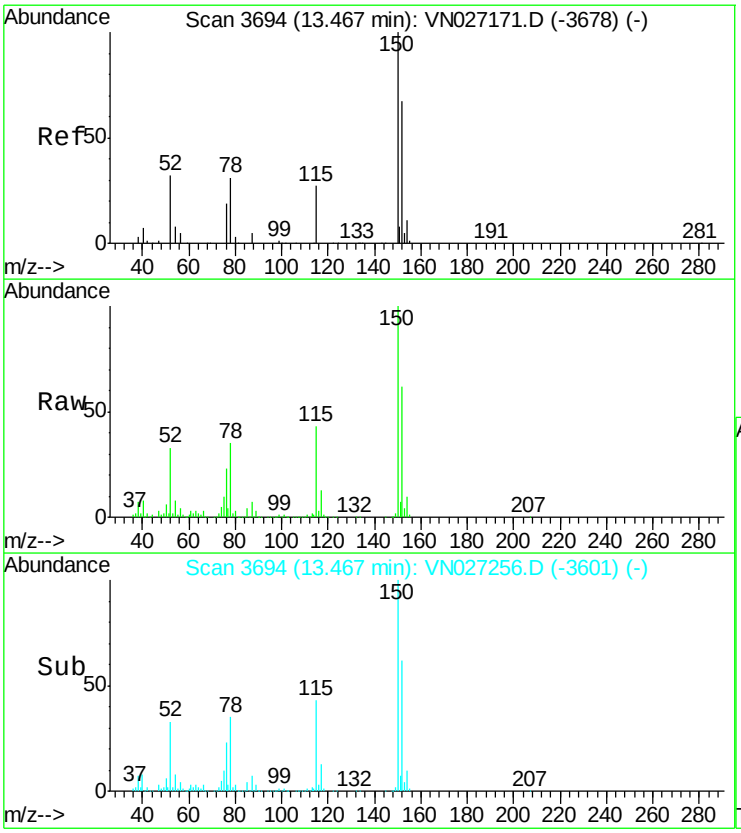
9/18/2015 12:23:13 PM





#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027256.D
Acq: 17 Sep 2015 15:40

Tgt Ion:152 Resp: 346228

Ion	Ratio	Lower	Upper
152	100		
115	68.8	30.8	92.3
150	160.1	0.0	345.0