

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027339.D
 Acq On : 21 Sep 2015 19:09
 Operator : MD\FY
 Sample : G3726-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-1

Manual Integrations
 APPROVED

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 9/22/2015 2:28:28 PM

Quant Time: Sep 22 03:14:09 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	740085	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1341112	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1139537	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	397804	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	753215	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
36) Dibromofluoromethane	7.68	113	478434	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
51) Toluene-d8	10.19	98	1960228	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
63) 4-Bromofluorobenzene	12.52	95	655628	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
Target Compounds						
22) trans-1,2-Dichloroethene	5.13	96	3472m	0.37	ug/l	Qvalue
31) Chloroform	7.46	83	5367	0.27	ug/l	96
65) Tetrachloroethene	10.74	164	1430	0.21	ug/l #	81
69) m/p-Xylenes	11.73	106	3226	0.20	ug/l	92
94) 1,2,4-Trichlorobenzene	15.06	180	5663	0.82	ug/l	90
96) Naphthalene	15.29	128	16995	4.55	ug/l #	81

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

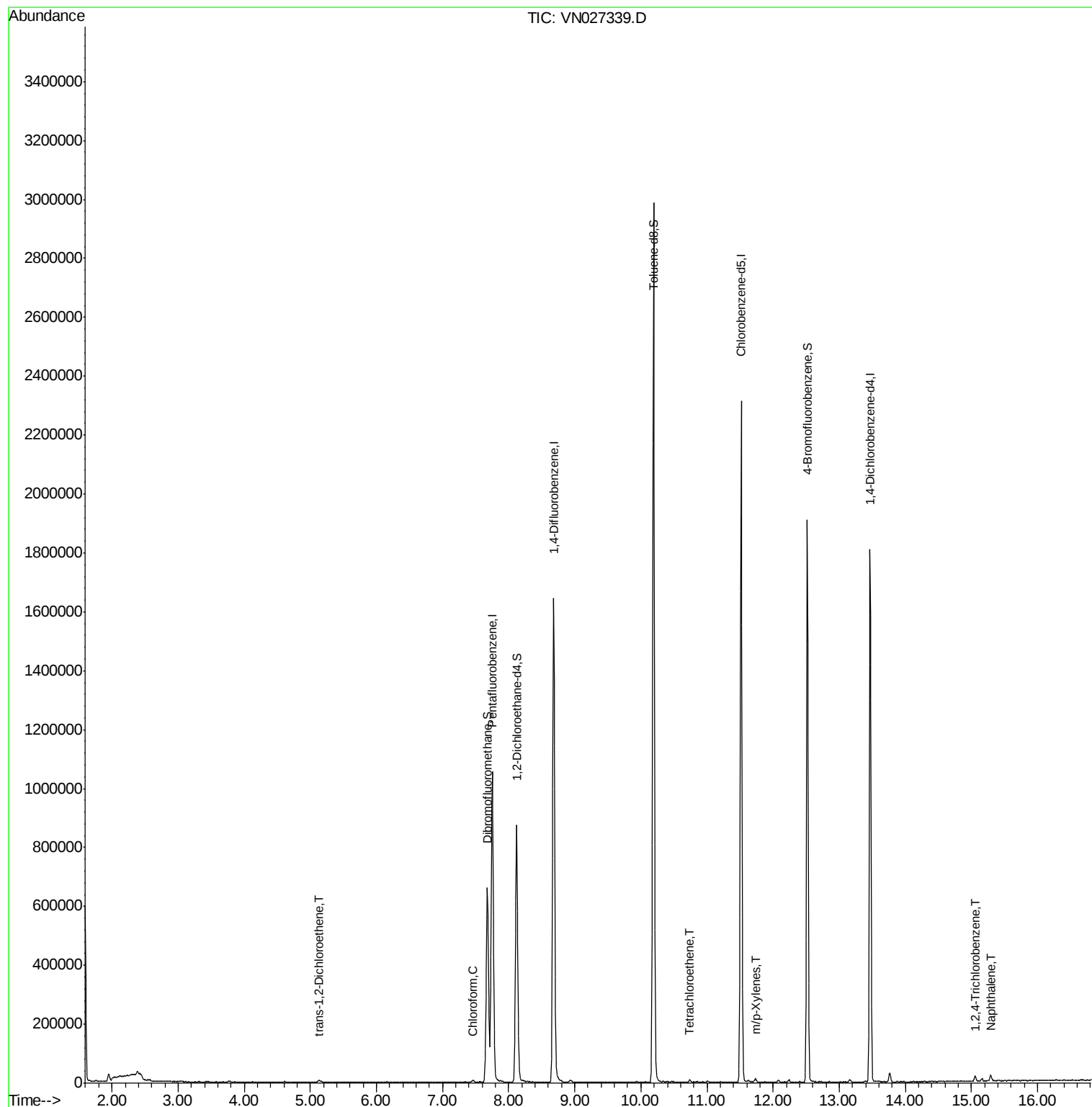
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027339.D
Acq On : 21 Sep 2015 19:09
Operator : MD\FY
Sample : G3726-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

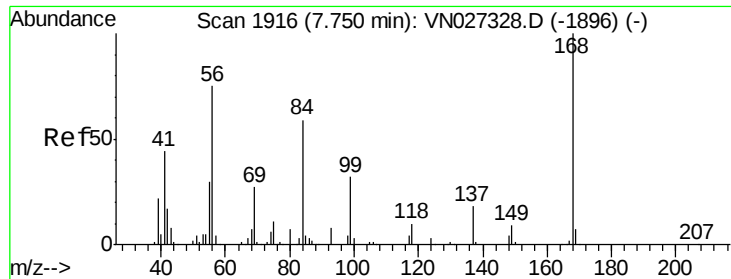
Instrument :
MSVOA_N
ClientSampleId :
PW-1

Manual Integrations
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Quant Time: Sep 22 03:14:09 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

Instrument :

MSVOA_N

ClientSampled :

PW-1

Tot Ion:168 Resp: 740085

Ion Ratio Lower Upper

168 100

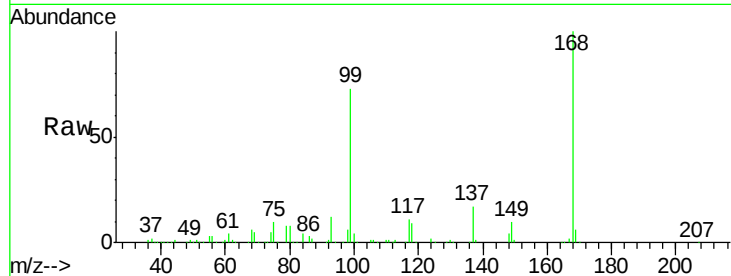
99 73.2 50.4 75.6

Manual Integrations

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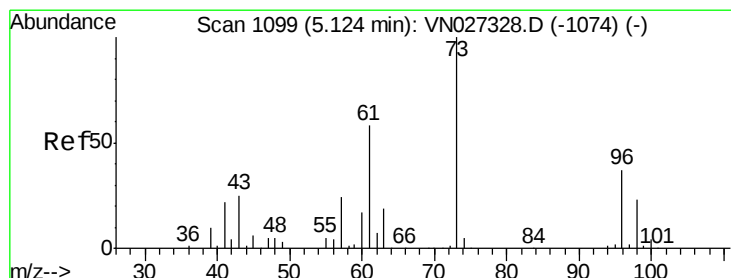
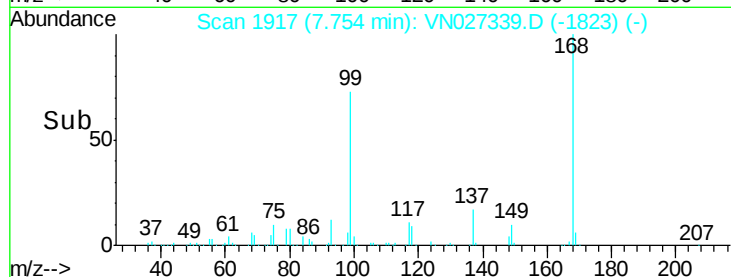
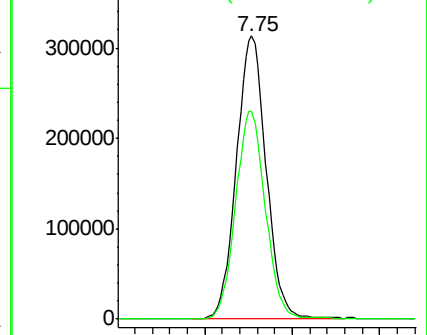
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#22

trans-1,2-Dichloroethene

Concen: 0.37 ug/l m

RT: 5.13 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

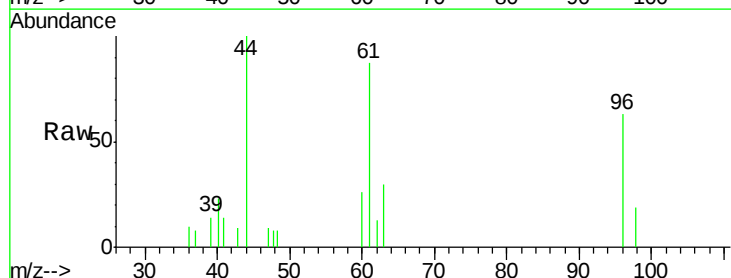
Tgt Ion: 96 Resp: 3472

Ion Ratio Lower Upper

96 100

61 136.8 126.6 189.8

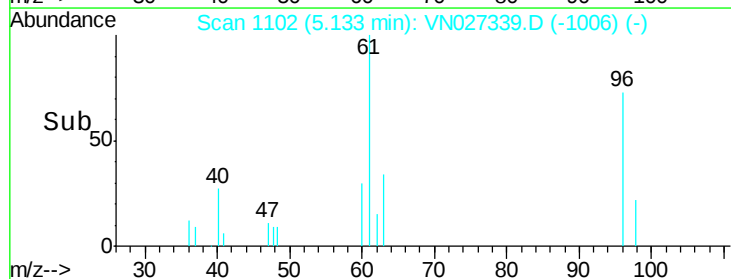
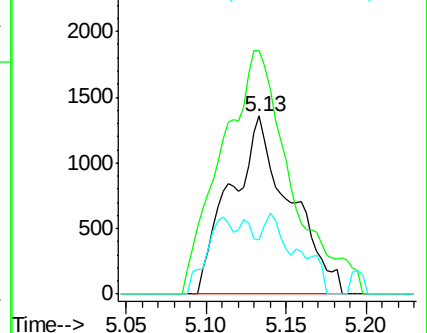
98 30.7 47.4 71.2#

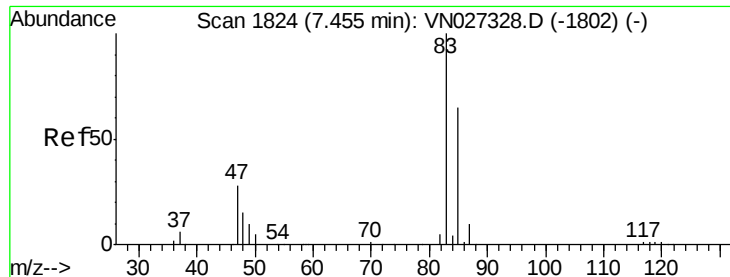


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN





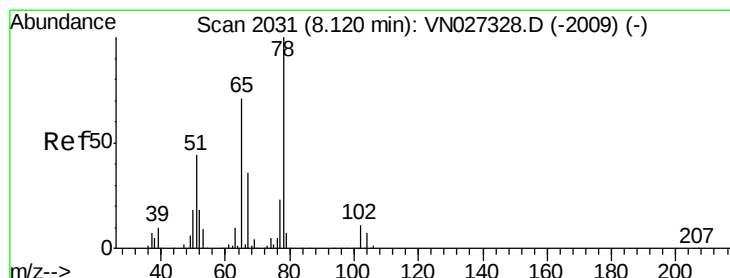
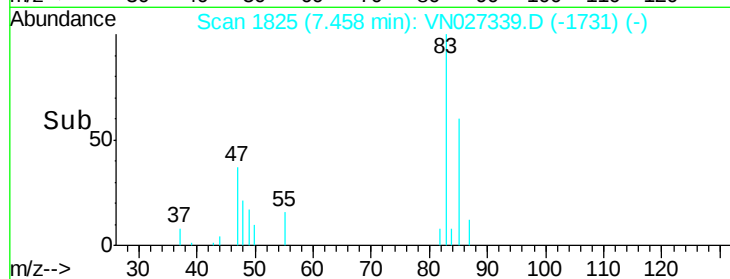
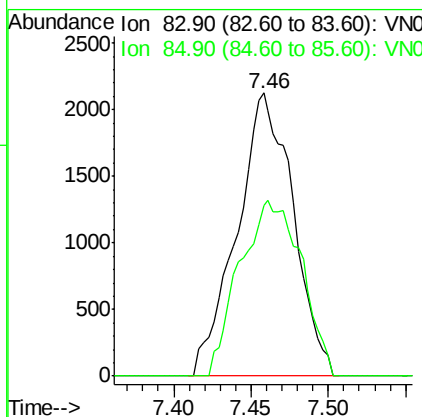
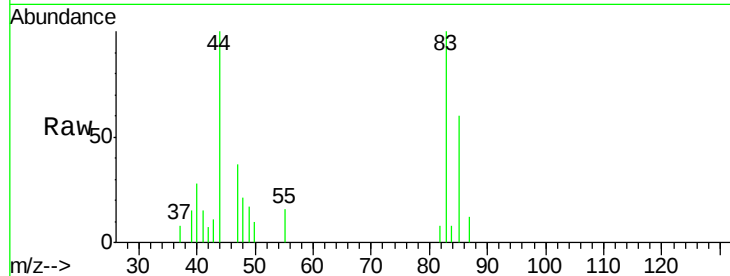
#31
 Chloroform
 Concen: 0.27 ug/l
 RT: 7.46 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-1

Tot Ion	83	Resp	5367
Ion Ratio	100	Lower	Upper
85	60.4	51.1	76.7

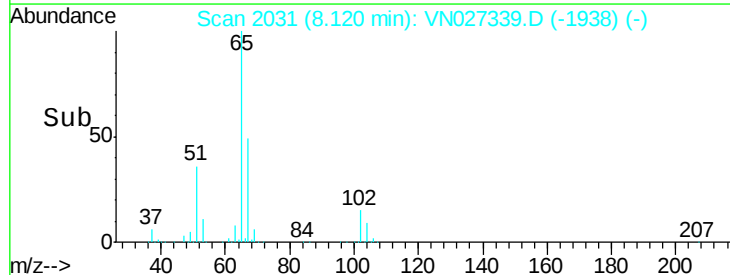
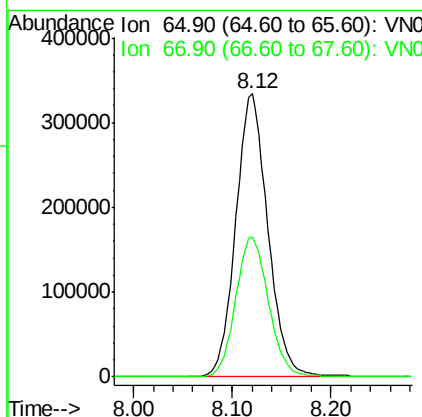
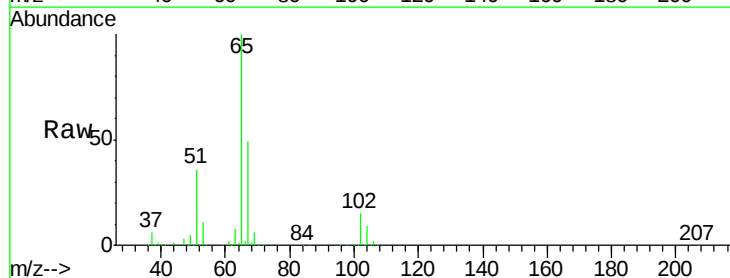
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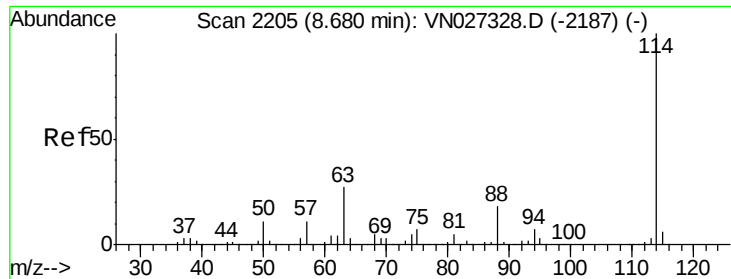
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#34
 1,2-Dichloroethane-d4
 Concen: 51.99 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Tgt Ion	65	Resp	753215
Ion Ratio	100	Lower	Upper
67	50.7	0.0	110.6





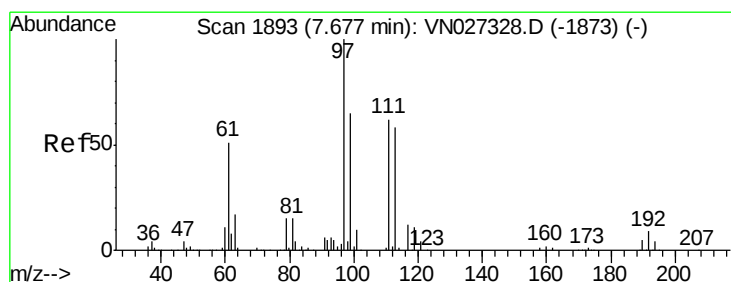
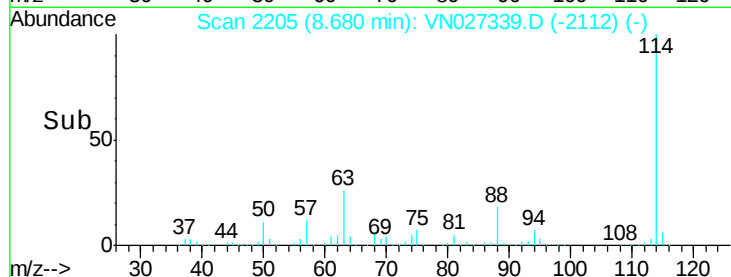
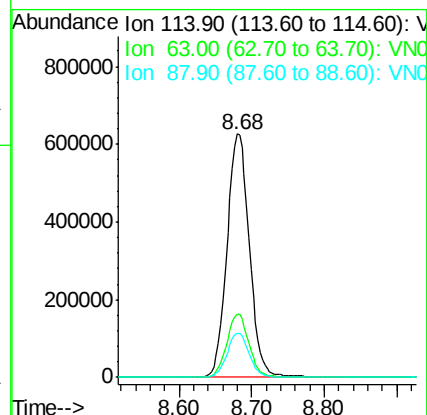
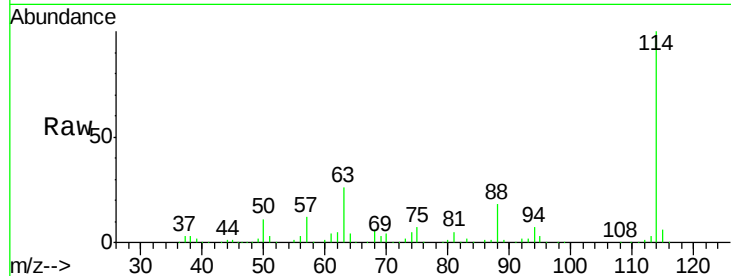
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Instrument :
 MSVOA_N
 ClientSampled :
 PW-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	48.8
88	18.1	0.0	32.2

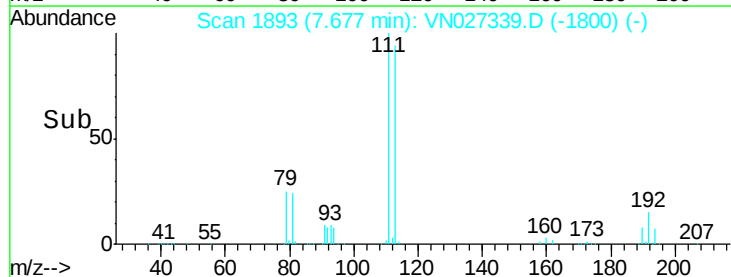
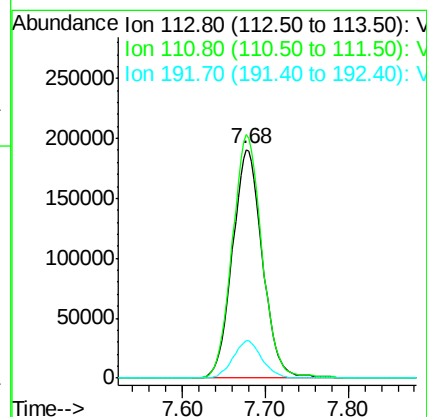
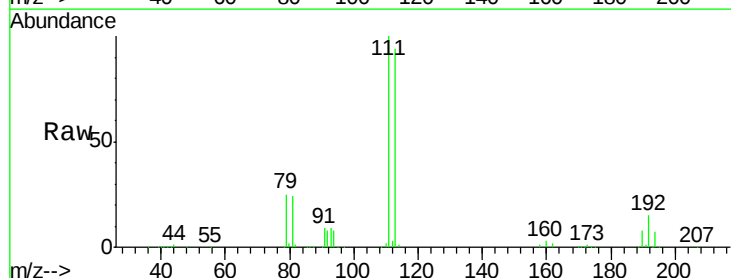
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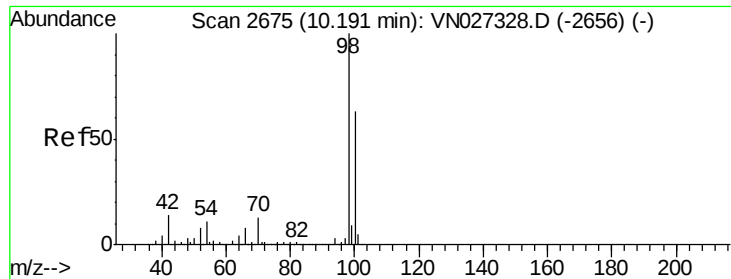
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#36
 Dibromofluoromethane
 Concen: 54.68 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.0	83.0	124.4
192	15.9	14.1	21.1





#51

Toluene-d8

Concen: 57.94 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

Instrument :

MSVOA_N

ClientSampled :

PW-1

Tot Ion: 98 Resp: 1960228

Ion Ratio Lower Upper

98 100

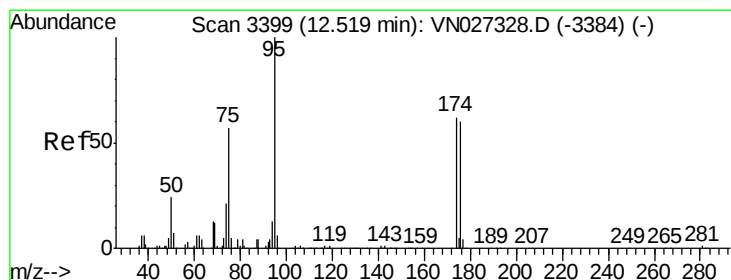
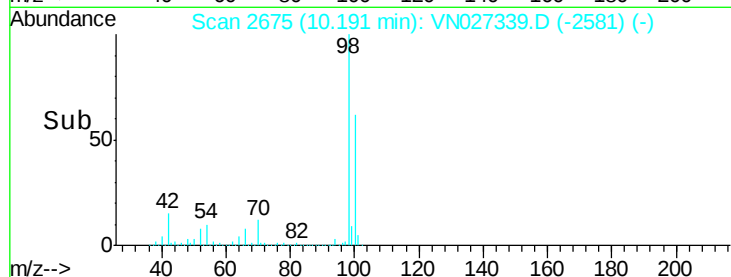
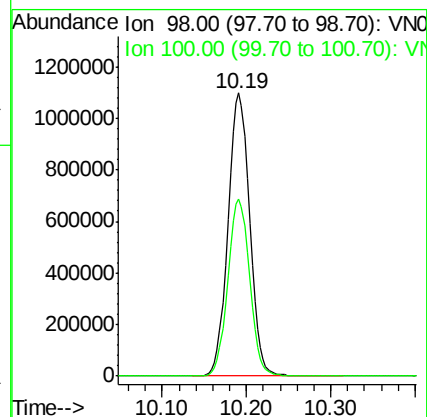
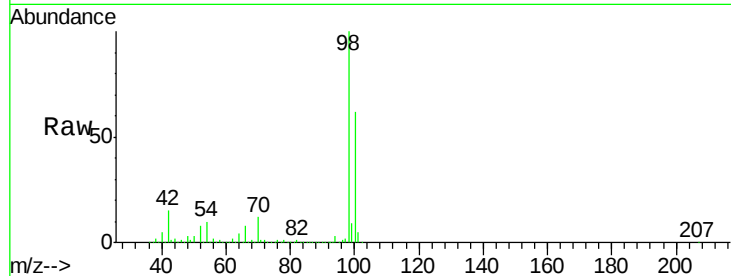
100 62.9 50.5 75.7

Manual Integrations

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9/22/2015 2:28:28 PM



#63

4-Bromofluorobenzene

Concen: 53.34 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

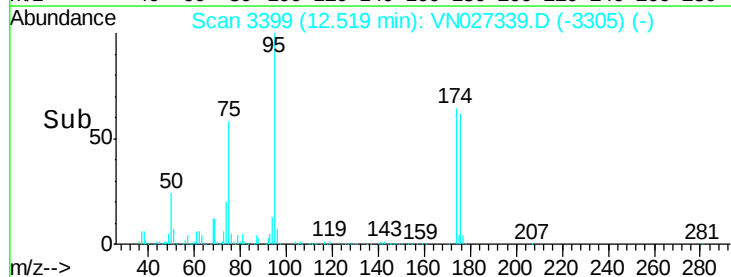
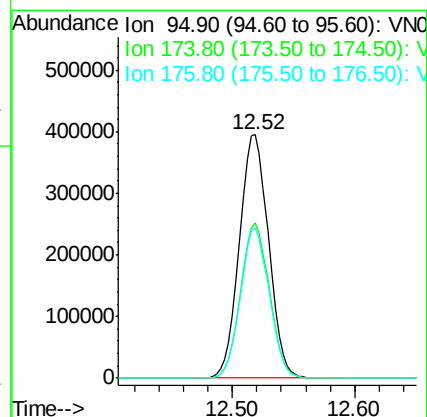
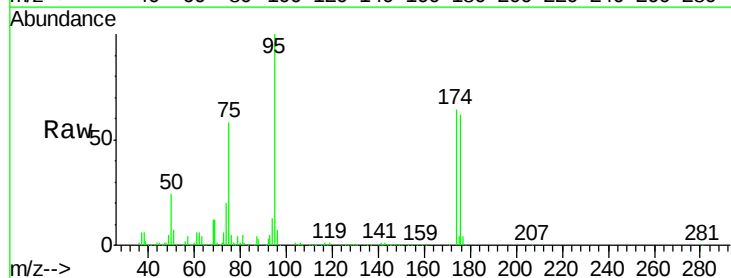
Tgt Ion: 95 Resp: 655628

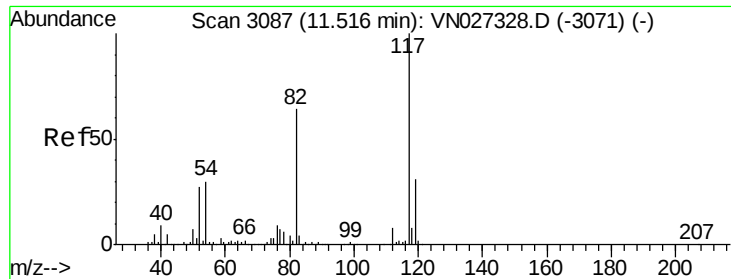
Ion Ratio Lower Upper

95 100

174 62.7 0.0 137.0

176 61.0 0.0 130.8





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

Instrument :

MSVOA_N

ClientSampled :

PW-1

Tot Ion:117 Resp: 1139537

Ion Ratio Lower Upper

117 100

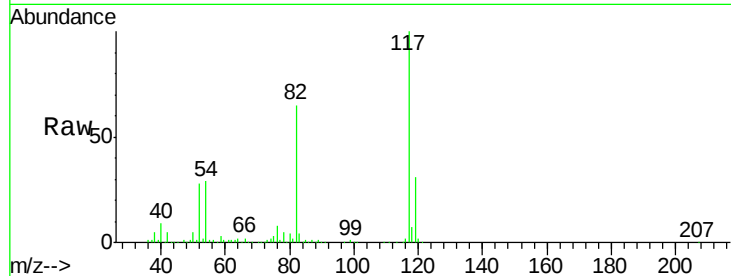
82 65.0 49.6 74.4

119 30.9 24.6 36.8

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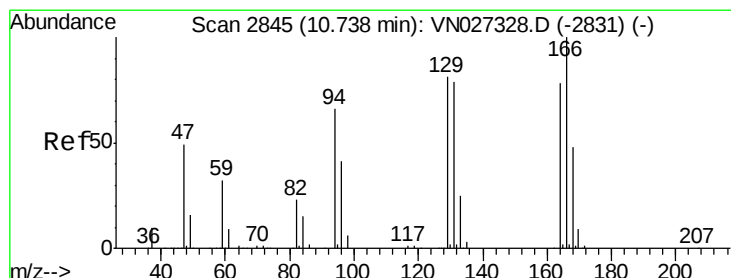
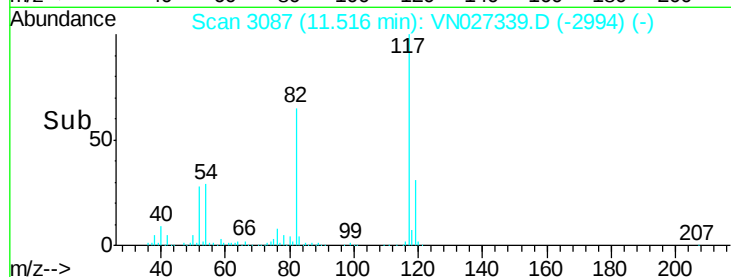
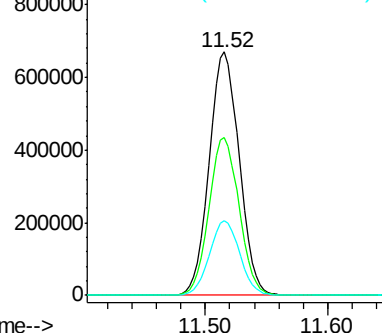
9/22/2015 2:28:28 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#65

Tetrachloroethene

Concen: 0.21 ug/l

RT: 10.74 min Scan# 2847

Delta R.T. 0.01 min

Lab File: VN027339.D

Acq: 21 Sep 2015 19:09

Tgt Ion:164 Resp: 1430

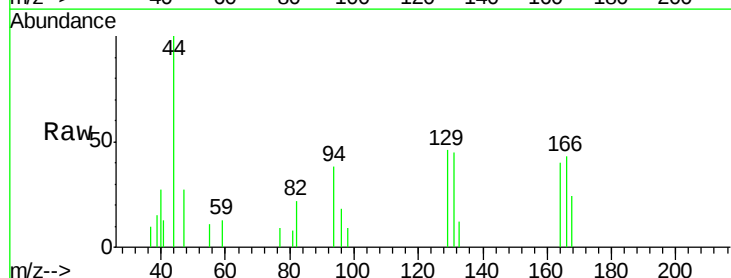
Ion Ratio Lower Upper

164 100

166 107.7 103.4 155.0

129 115.2 77.5 116.3

131 112.9 74.2 111.4#

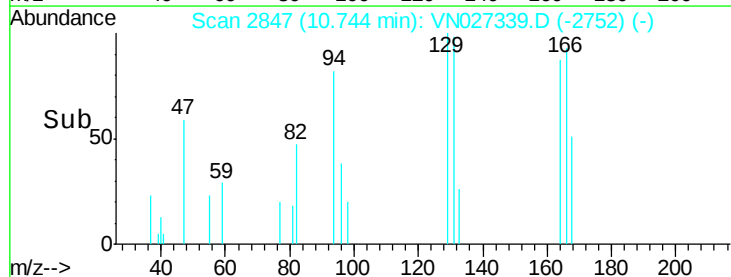
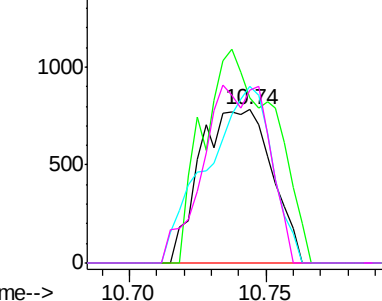


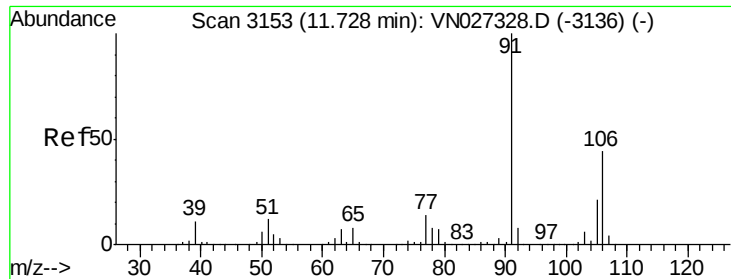
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





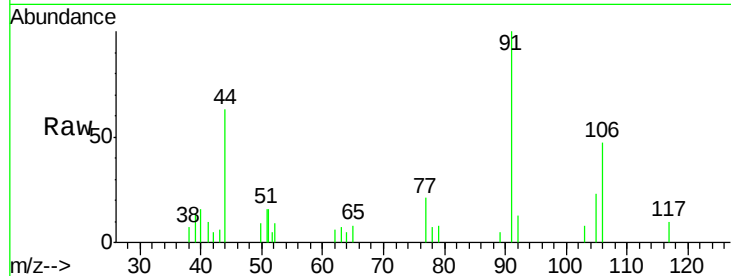
#69
m/p-Xvlenes
Concen: 0.20 ug/l
RT: 11.73 min Scan# 3155
Delta R.T. 0.01 min
Lab File: VN027339.D
Acq: 21 Sep 2015 19:09

Instrument :
MSVOA_N
ClientSampled :
PW-1

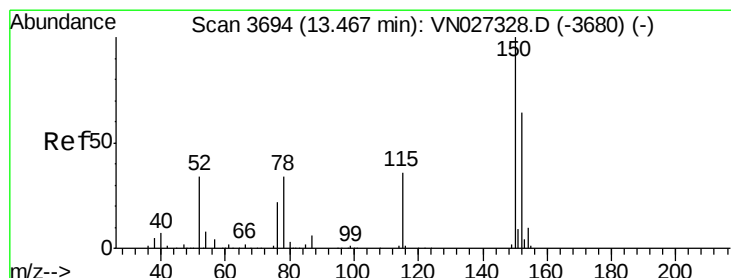
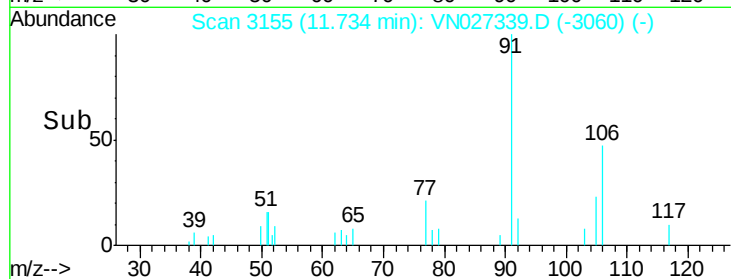
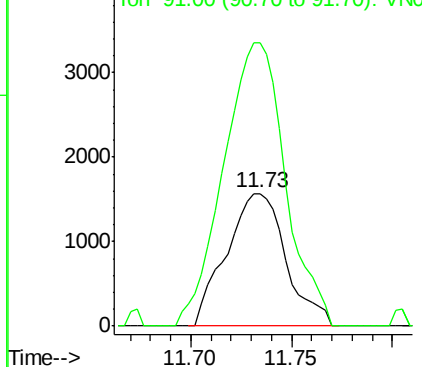
Tot Ion:106 Resp: 3226
Ion Ratio Lower Upper
106 100
91 222.1 167.1 250.7

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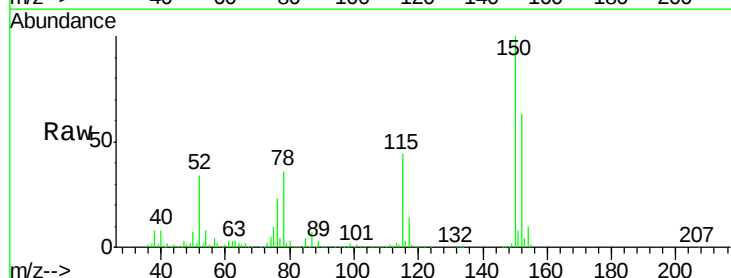


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

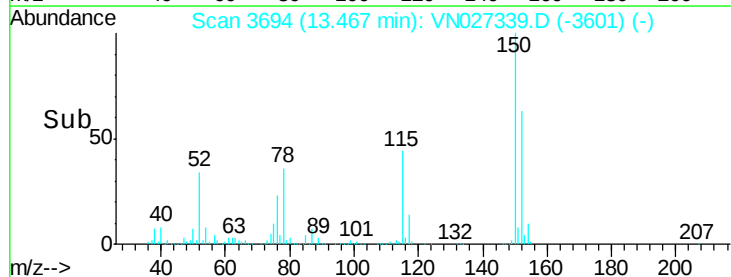
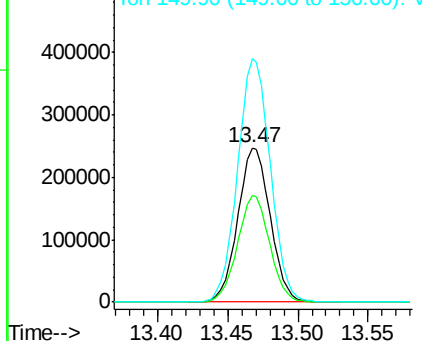


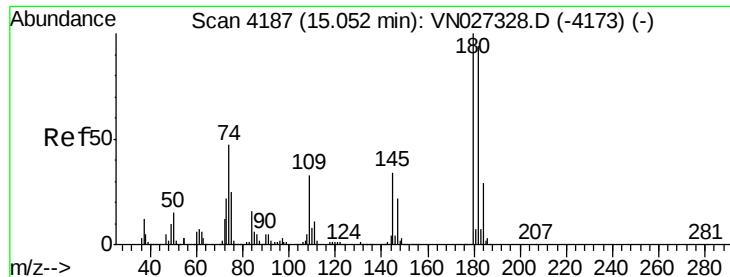
#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027339.D
Acq: 21 Sep 2015 19:09

Tgt Ion:152 Resp: 397804
Ion Ratio Lower Upper
152 100
115 68.4 30.8 92.3
150 159.5 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





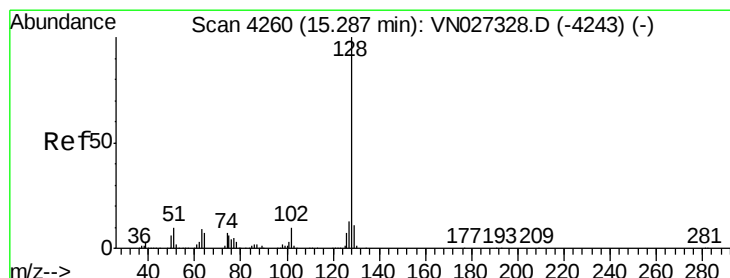
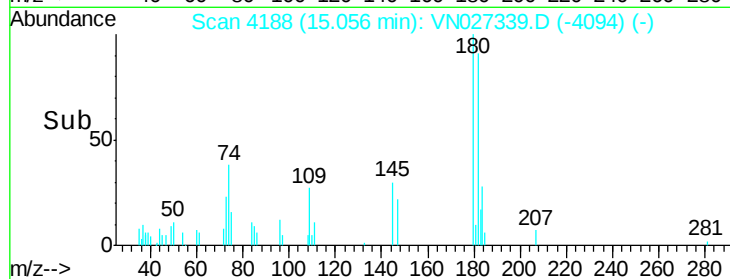
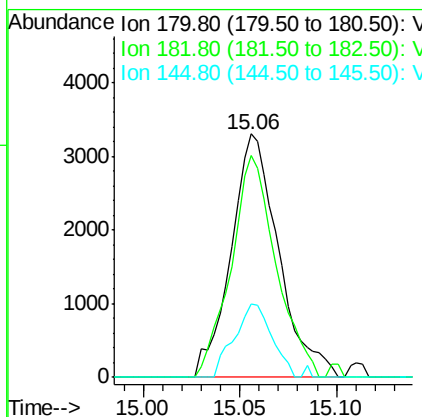
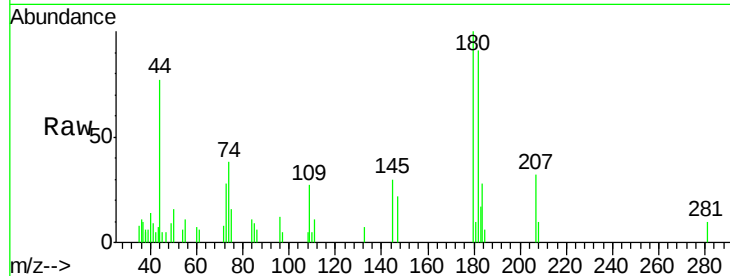
#94
 1,2,4-Trichlorobenzene
 Concen: 0.82 ug/l
 RT: 15.06 min Scan# 4188
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Instrument :
 MSVOA_N
 ClientSampled :
 PW-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.9	47.5	142.5
145	23.7	15.1	45.3

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#96
 Naphthalene
 Concen: 4.55 ug/l
 RT: 15.29 min Scan# 4261
 Delta R.T. 0.00 min
 Lab File: VN027339.D
 Acq: 21 Sep 2015 19:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.4	15.6#
129	0.0	8.6	12.8#

