

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027258.D
 Acq On : 17 Sep 2015 16:36
 Operator : MD\FY
 Sample : G3704-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-9-15-15

Quant Time: Sep 18 01:15:20 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	770872	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1382501	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1159104	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	405533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	772016	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
36) Dibromofluoromethane	7.68	113	489712	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
51) Toluene-d8	10.19	98	2010845	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
63) 4-Bromofluorobenzene	12.52	95	667894	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	

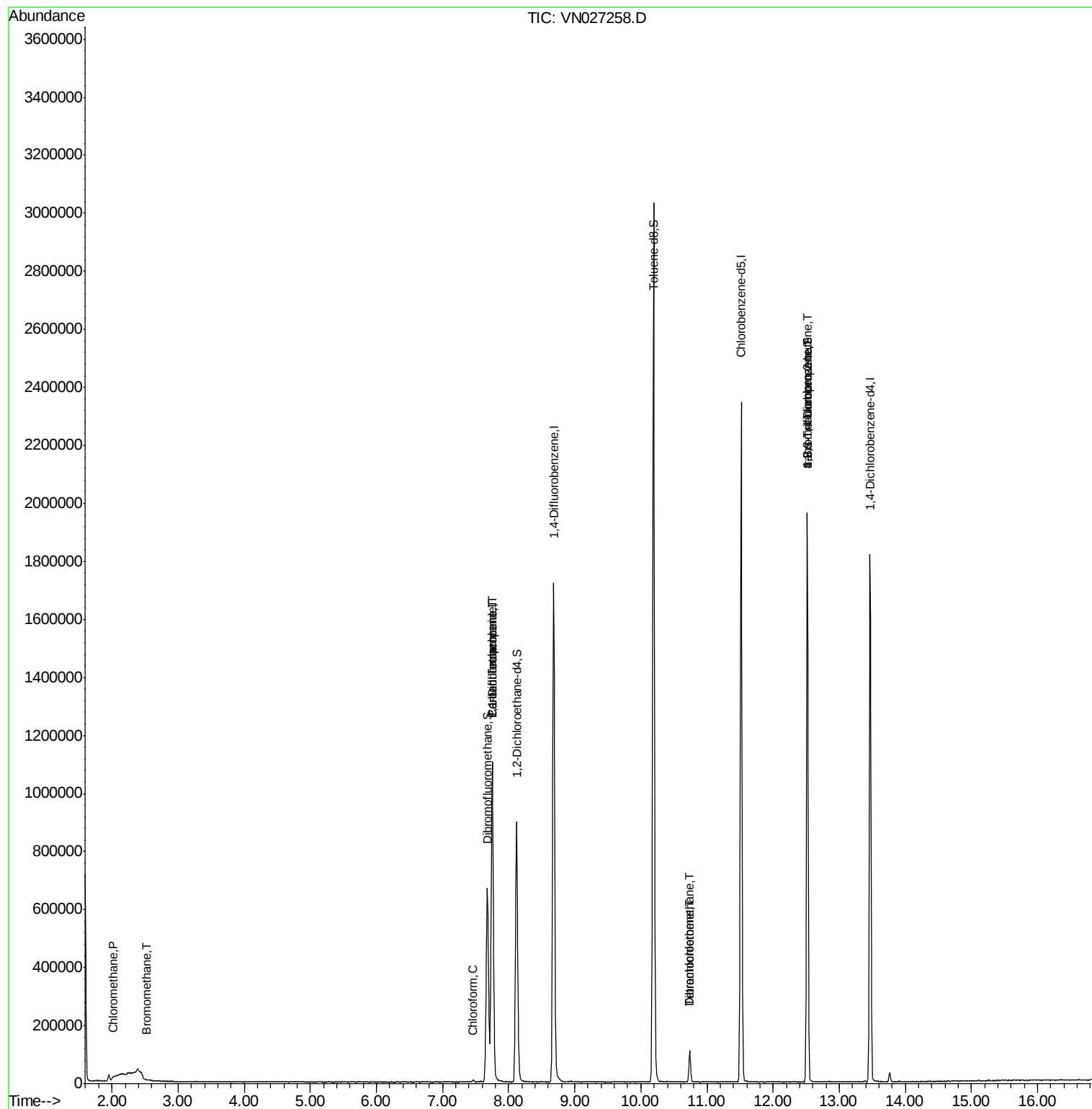
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.00	50	1628	1.26	ug/l #	80
6) Bromomethane	2.54	94	231	1.64	ug/l #	68
31) Chloroform	7.46	83	6415	0.29	ug/l	92
37) 1,1-Dichloropropene	7.75	75	81468	5.03	ug/l #	51
38) Ethyl Acetate	7.00	43	186	Below Cal	#	71
39) Carbon Tetrachloride	7.75	117	87405	5.74	ug/l #	16
61) Dibromochloromethane	10.74	129	21053	1.98	ug/l #	10
65) Tetrachloroethene	10.74	164	20480	2.76	ug/l	91
76) 1,1,2,2-Tetrachloroethane	12.69	83	82	Below Cal	#	76
77) 1,2,3-Trichloropropane	12.52	75	380618	31.06	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	380618	76.28	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.53	75	29	Below Cal	#	9

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 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: VN027258.D

Acq: 17 Sep 2015 16:36

Instrument :

MSVOA_N

ClientSampleId :

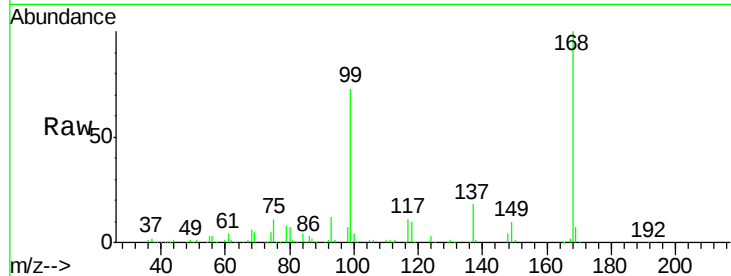
MW-3-9-15-15

Tgt Ion:168 Resp: 770872

Ion Ratio Lower Upper

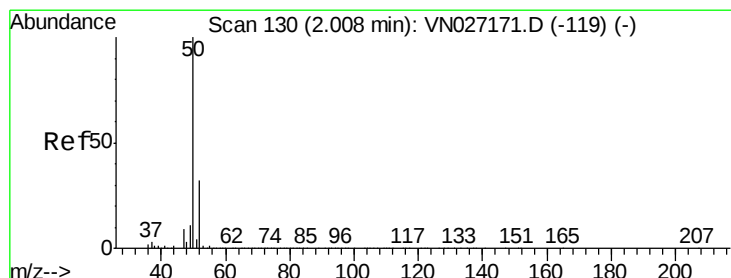
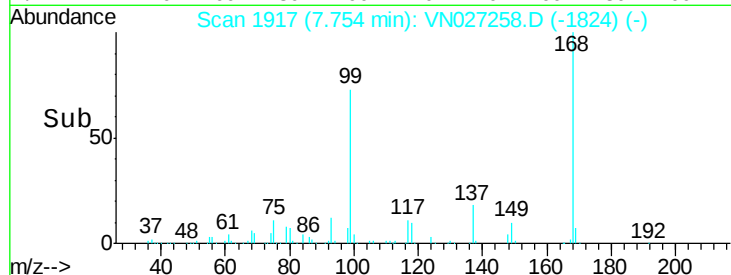
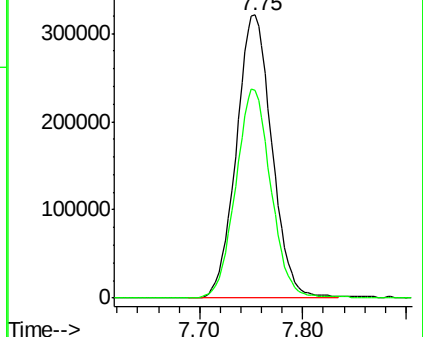
168 100

99 73.5 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Chloromethane

Concen: 1.26 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027258.D

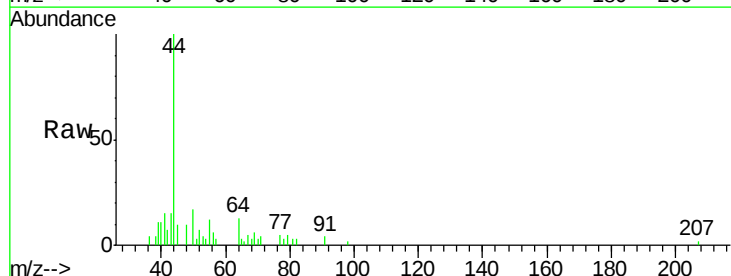
Acq: 17 Sep 2015 16:36

Tgt Ion: 50 Resp: 1628

Ion Ratio Lower Upper

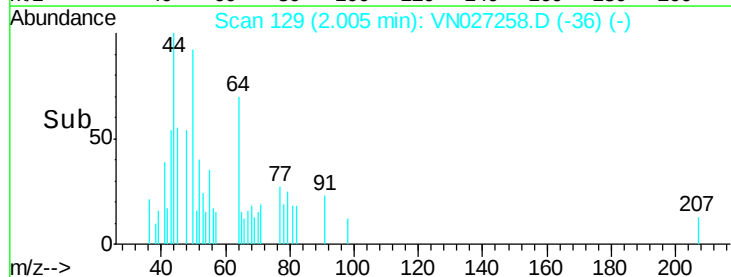
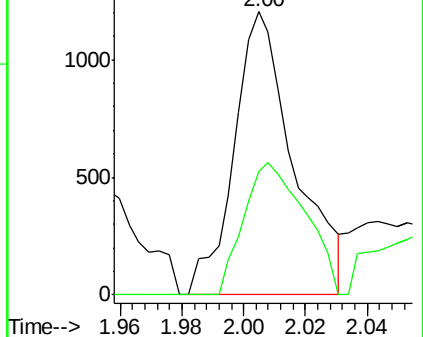
50 100

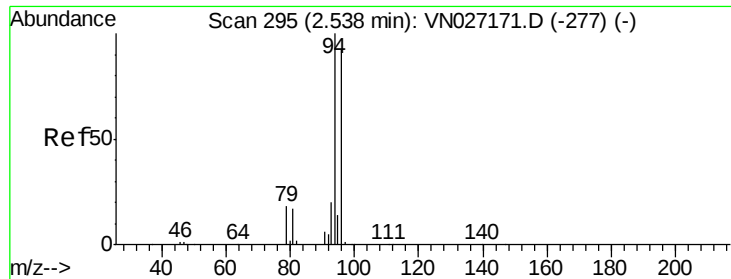
52 43.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#6

Bromomethane

Concen: 1.64 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

Instrument :

MSVOA_N

ClientSampleId :

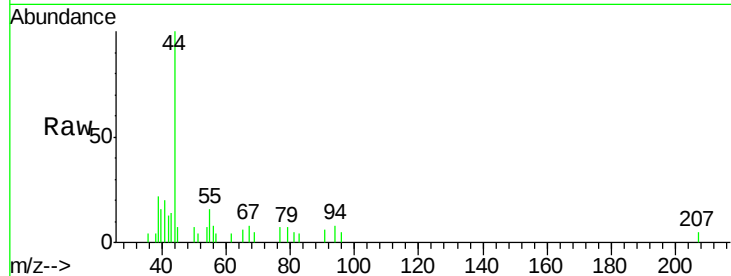
MW-3-9-15-15

Tgt Ion: 94 Resp: 231

Ion Ratio Lower Upper

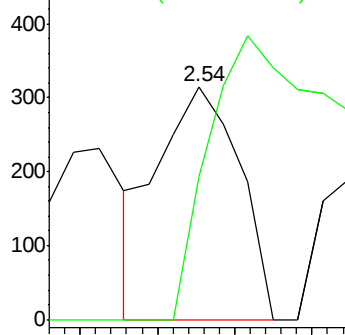
94 100

96 61.3 73.4 110.2#

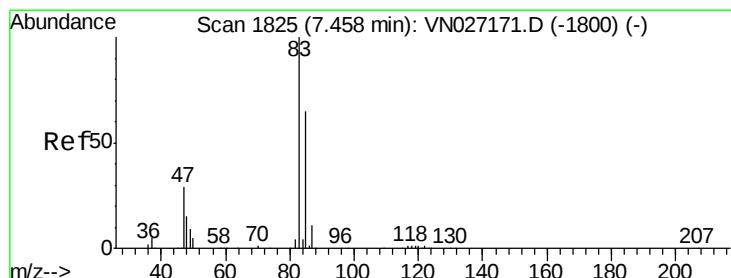
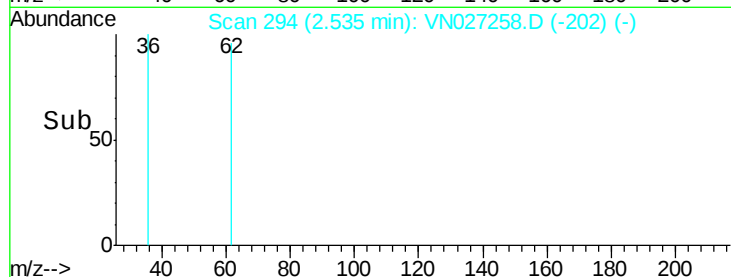


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#31

Chloroform

Concen: 0.29 ug/l

RT: 7.46 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN027258.D

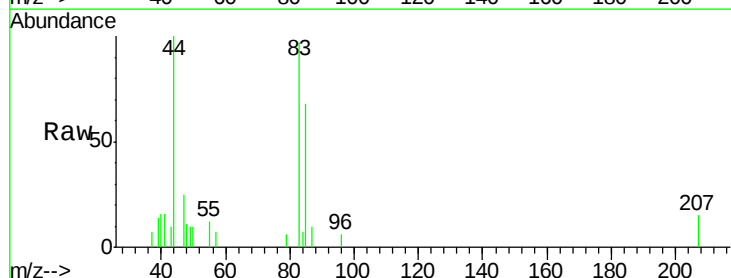
Acq: 17 Sep 2015 16:36

Tgt Ion: 83 Resp: 6415

Ion Ratio Lower Upper

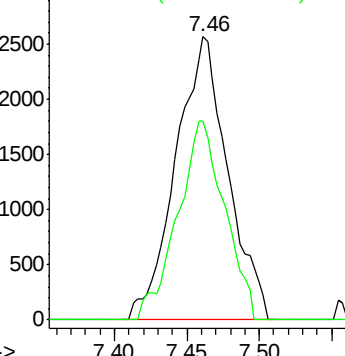
83 100

85 70.4 51.1 76.7

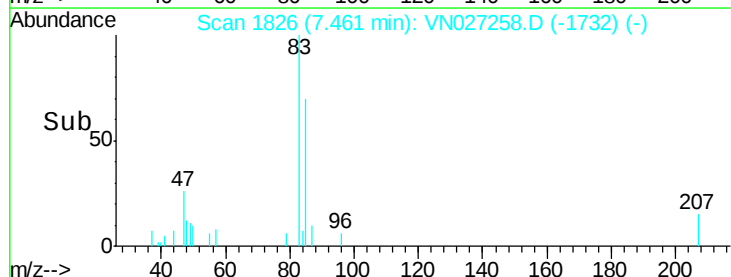


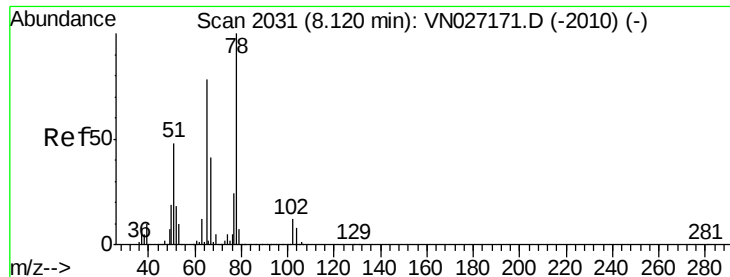
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->

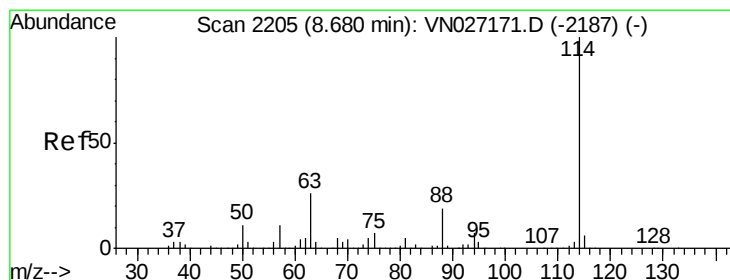
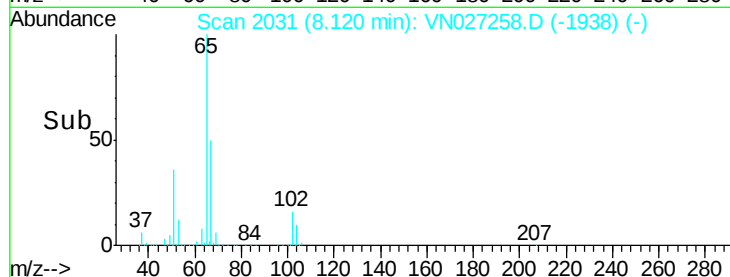
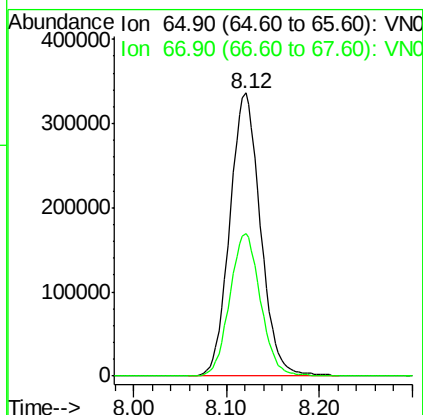
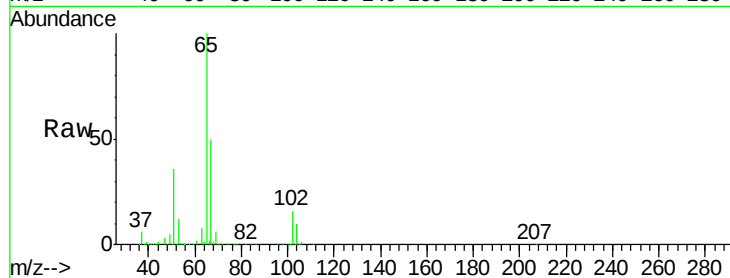




#34
 1,2-Dichloroethane-d4
 Concen: 48.88 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027258.D
 Acq: 17 Sep 2015 16:36

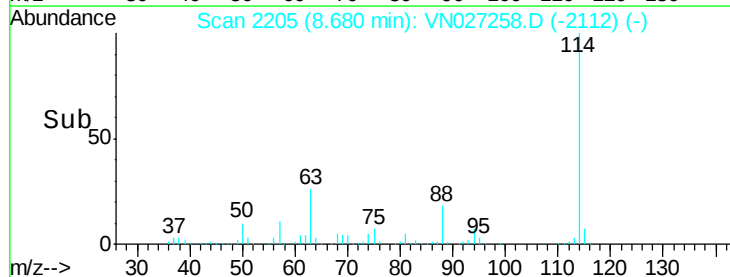
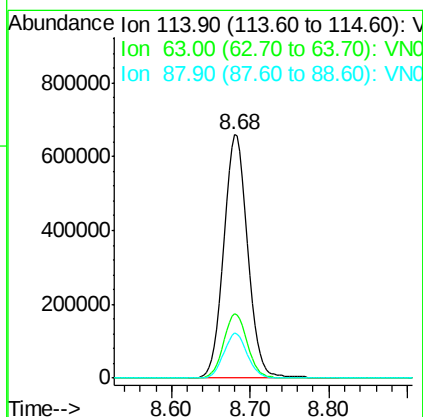
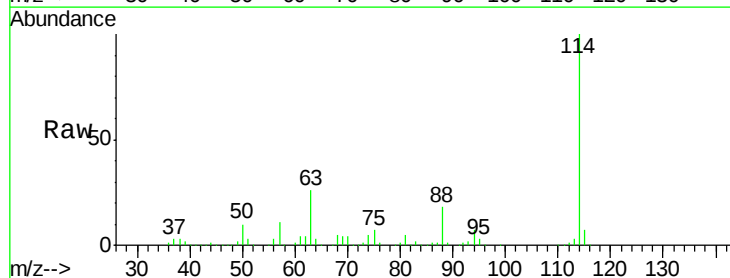
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-9-15-15

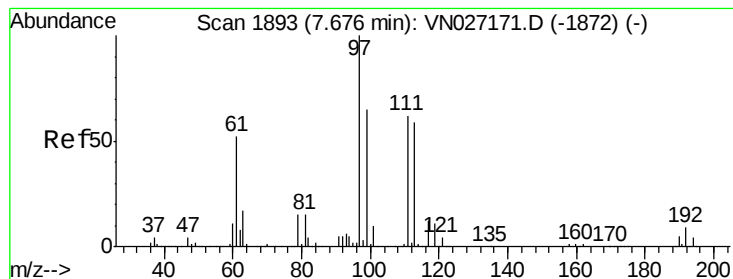
Tgt Ion: 65 Resp: 772016
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027258.D
 Acq: 17 Sep 2015 16:36

Tgt Ion: 114 Resp: 1382501
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.5 0.0 32.2





#36

Dibromofluoromethane

Concen: 51.10 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

Instrument :

MSVOA_N

ClientSampled :

MW-3-9-15-15

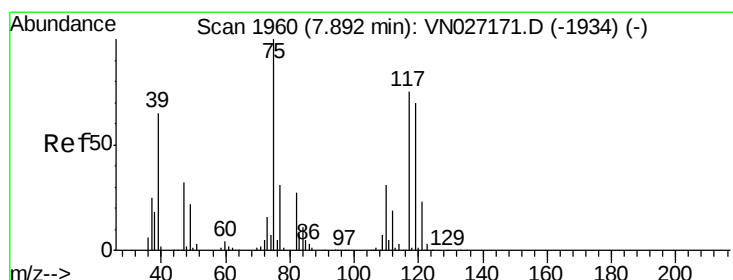
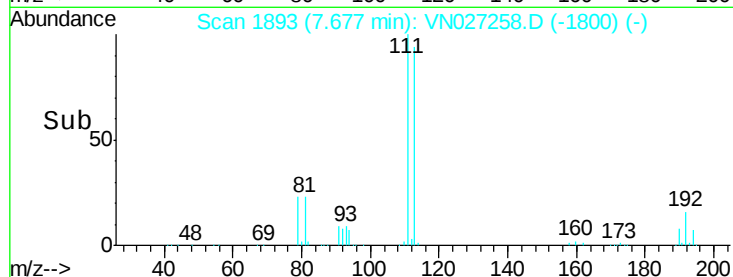
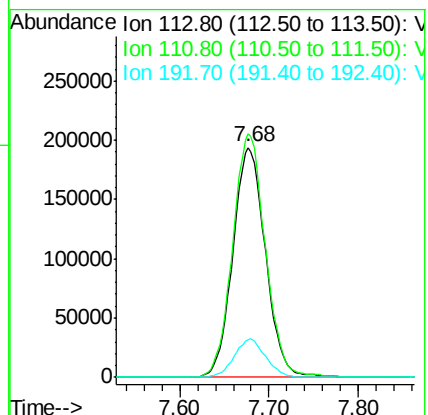
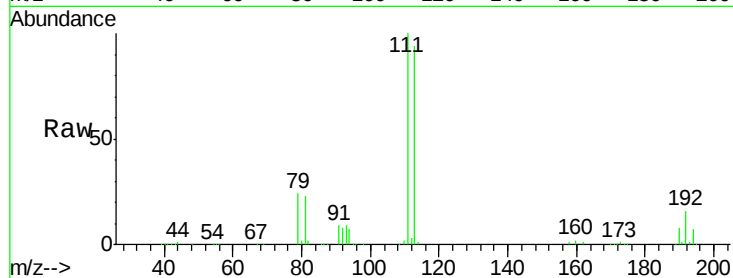
Tgt Ion:113 Resp: 489712

Ion Ratio Lower Upper

113 100

111 106.5 83.0 124.4

192 16.1 14.1 21.1



#37

1,1-Dichloropropene

Concen: 5.03 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.14 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

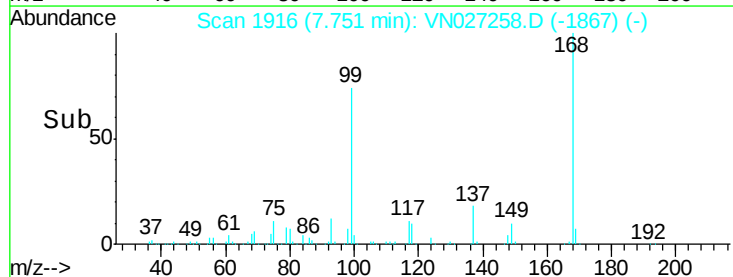
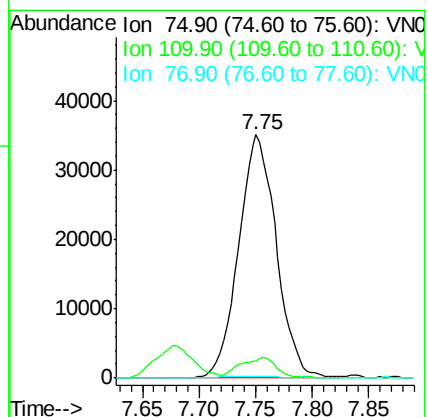
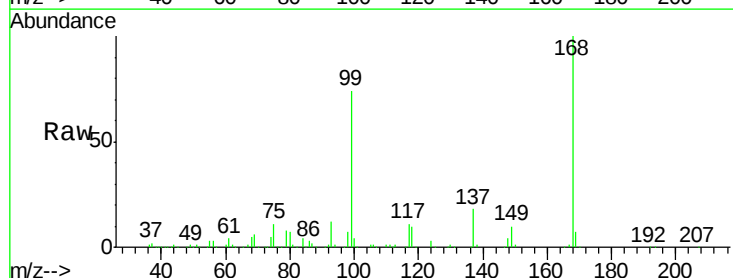
Tgt Ion: 75 Resp: 81468

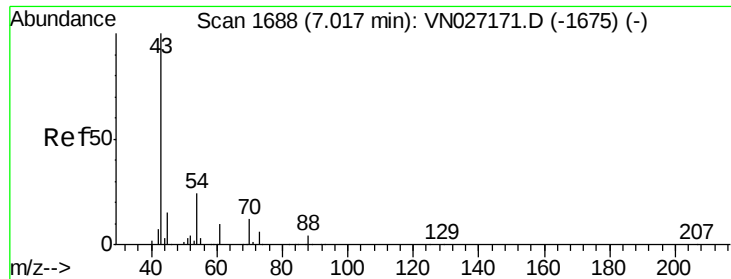
Ion Ratio Lower Upper

75 100

110 8.0 15.9 47.7#

77 0.3 24.9 37.3#

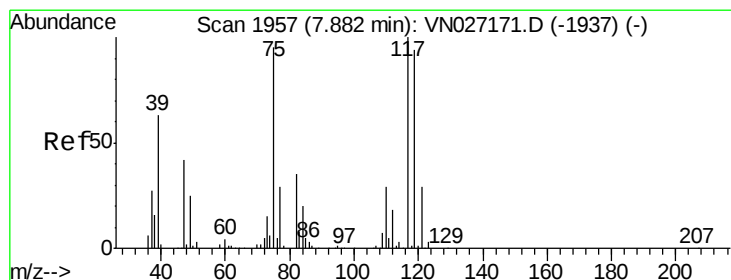
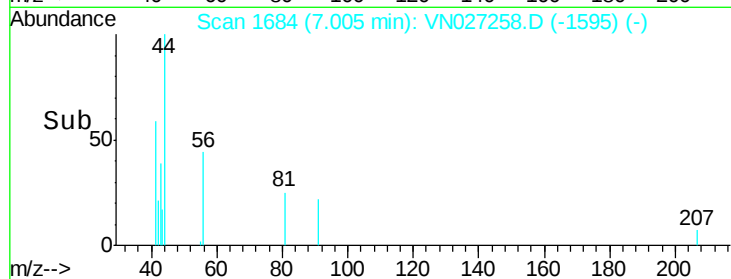
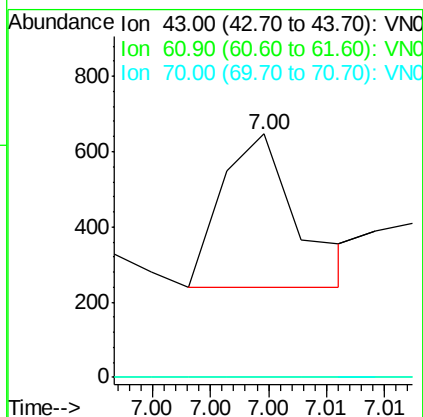
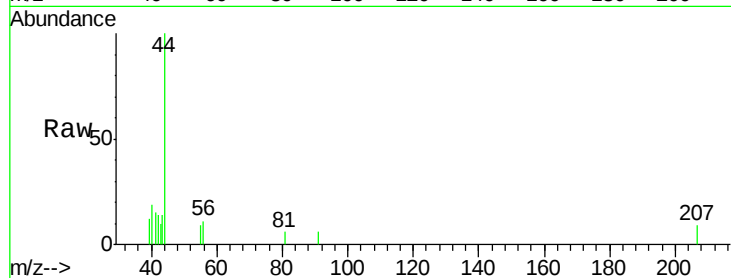




#38
Ethyl Acetate
Concen: Below Cal
RT: 7.00 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

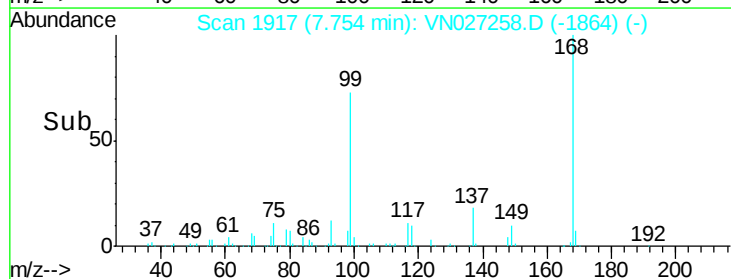
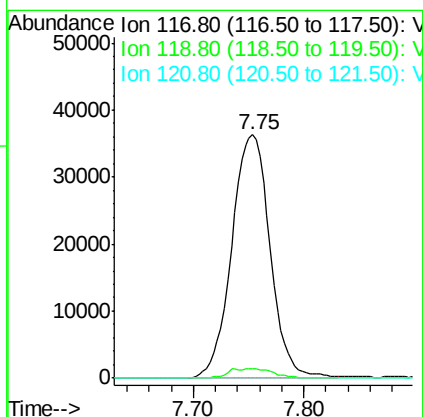
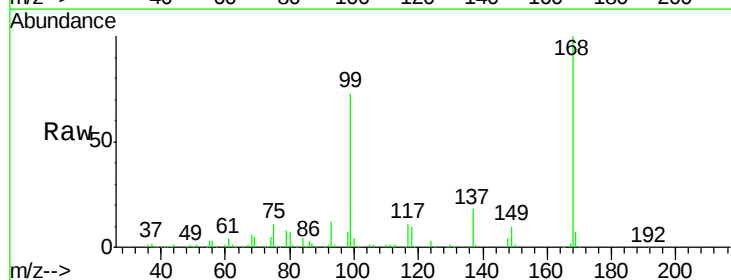
Instrument :
MSVOA_N
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MW-3-9-15-15

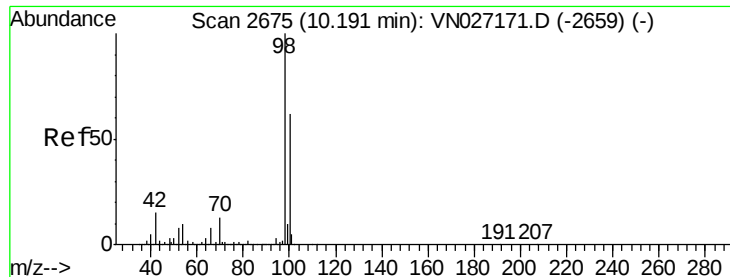
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 7.4 11.0#



#39
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.13 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

Tgt Ion: 117 Resp: 87405
Ion Ratio Lower Upper
117 100
119 3.8 75.3 112.9#
121 0.0 23.8 35.8#





#51

Toluene-d8

Concen: 53.59 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

Instrument :

MSVOA_N

ClientSampleId :

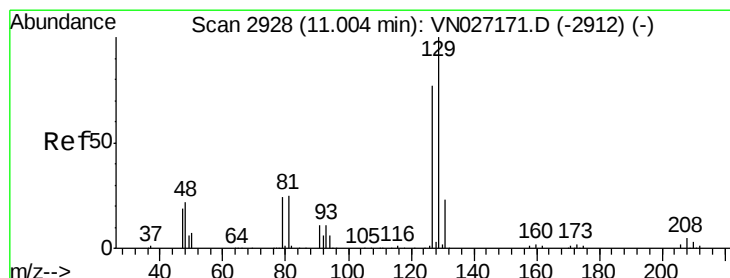
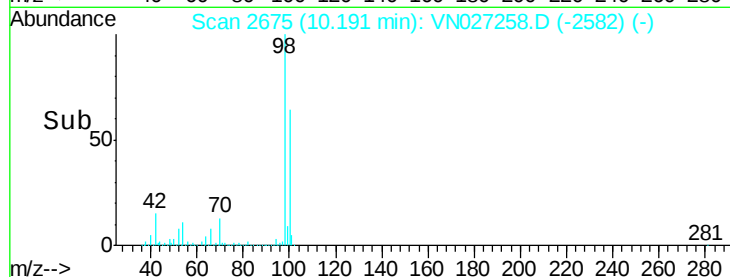
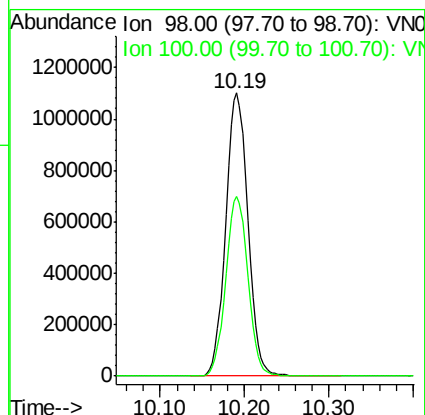
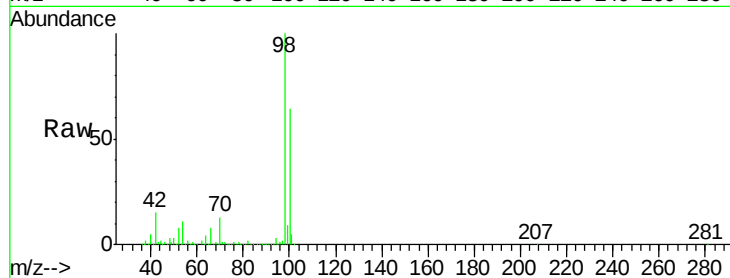
MW-3-9-15-15

Tgt Ion: 98 Resp: 2010845

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7



#61

Dibromochloromethane

Concen: 1.98 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. -0.27 min

Lab File: VN027258.D

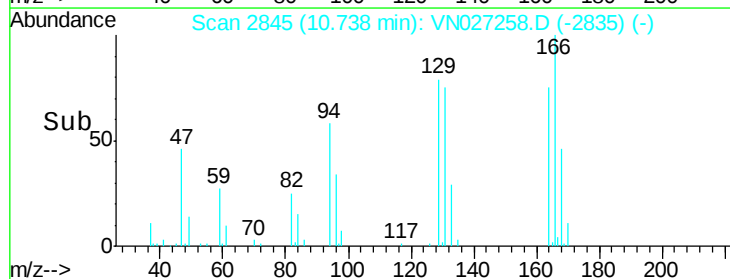
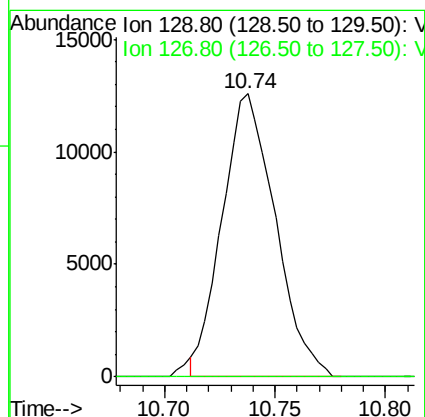
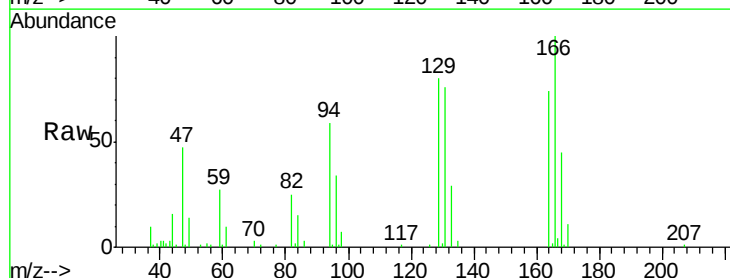
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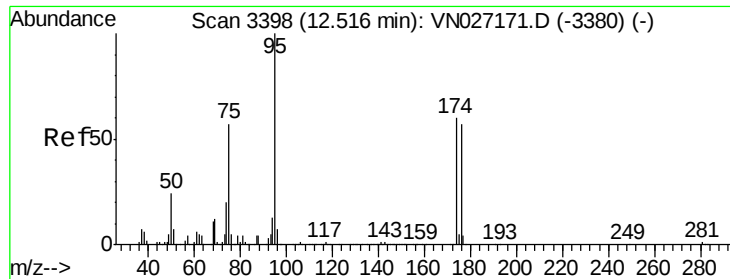
Tgt Ion: 129 Resp: 21053

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#

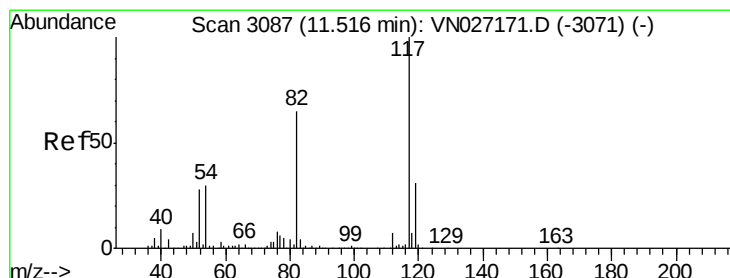
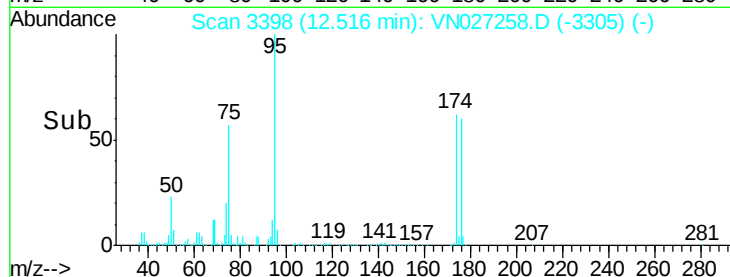
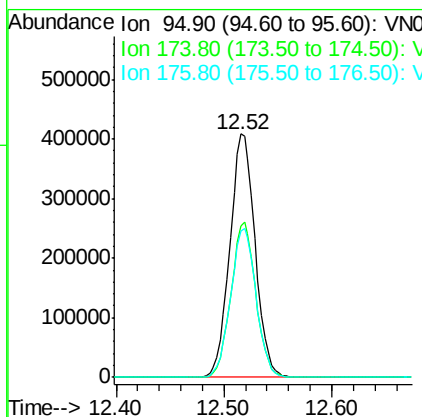
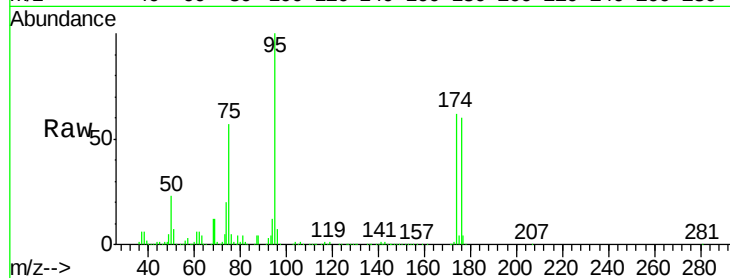




#63
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

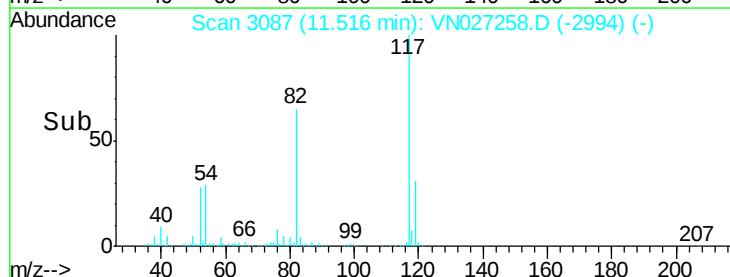
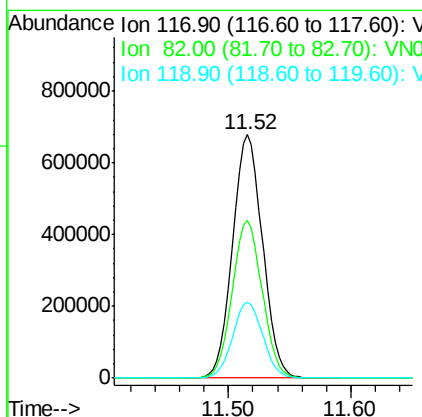
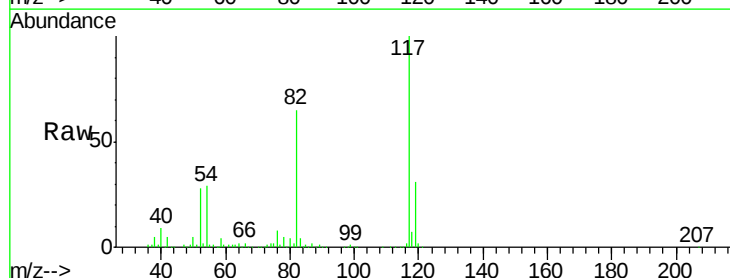
Instrument :
MSVOA_N
ClientSampled :
MW-3-9-15-15

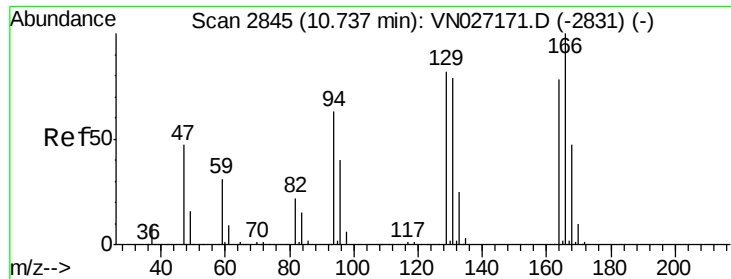
Tgt Ion: 95 Resp: 667894
Ion Ratio Lower Upper
95 100
174 62.7 0.0 137.0
176 61.4 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

Tgt Ion: 117 Resp: 1159104
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 31.0 24.6 36.8

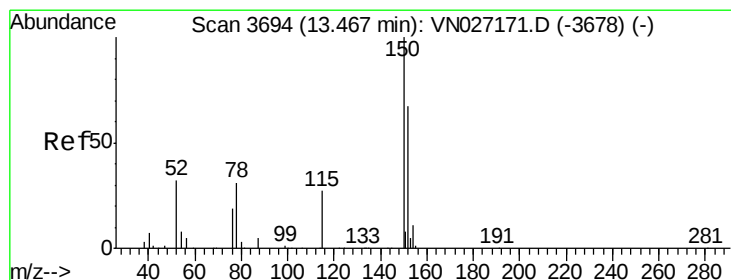
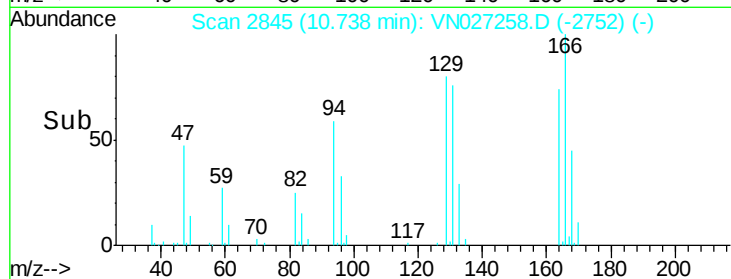
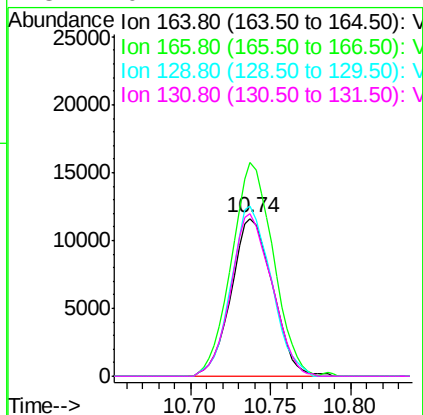
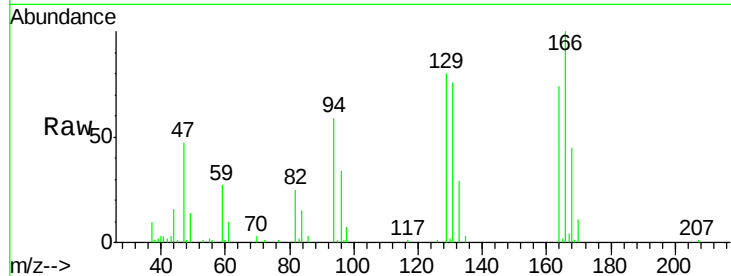




#65
Tetrachloroethene
Concen: 2.76 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

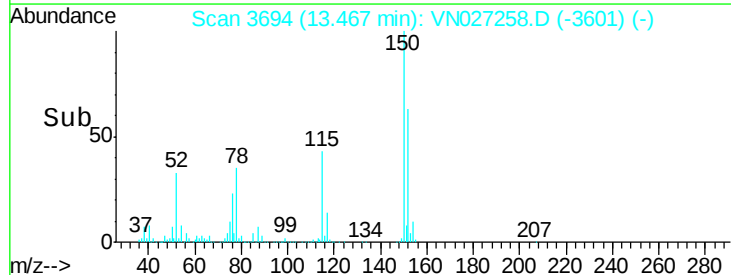
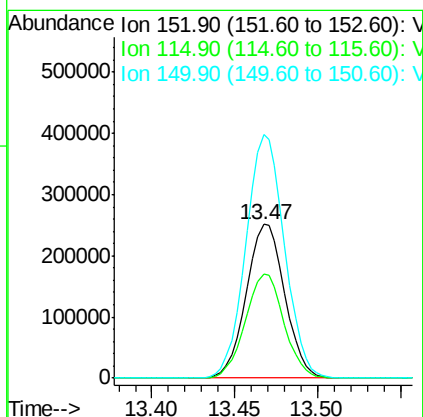
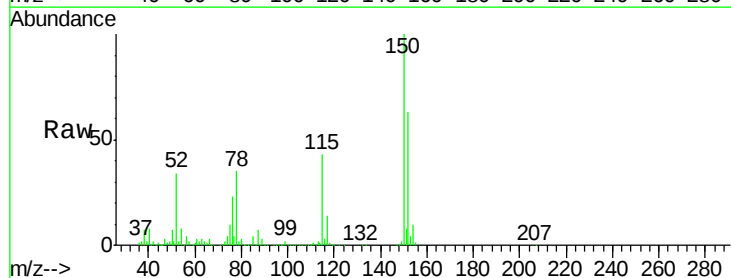
Instrument :
MSVOA_N
ClientSampled :
MW-3-9-15-15

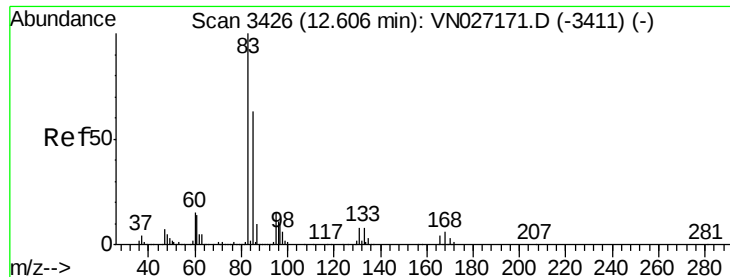
Tgt Ion:164 Resp: 20480
Ion Ratio Lower Upper
164 100
166 135.3 103.4 155.0
129 108.1 77.5 116.3
131 102.7 74.2 111.4



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027258.D
Acq: 17 Sep 2015 16:36

Tgt Ion:152 Resp: 405533
Ion Ratio Lower Upper
152 100
115 67.9 30.8 92.3
150 158.9 0.0 345.0





#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.69 min Scan# 3453

Delta R.T. 0.09 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

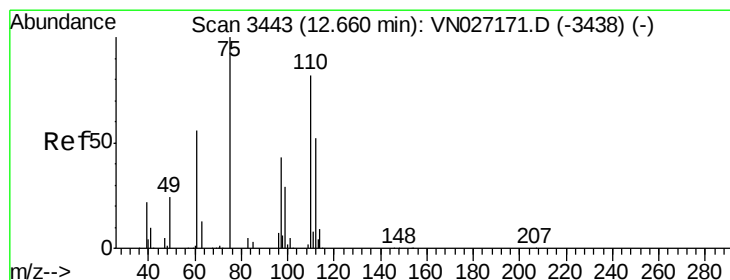
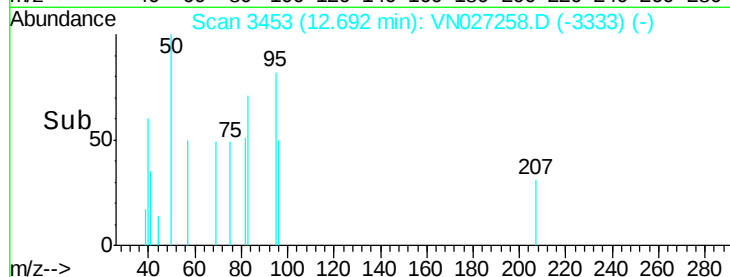
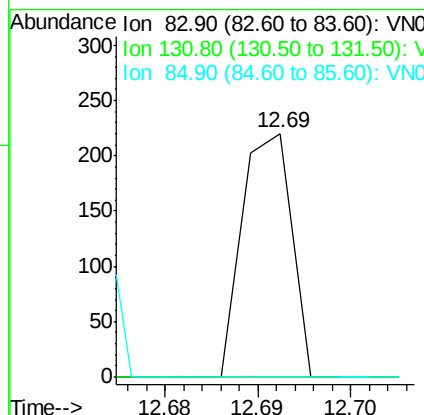
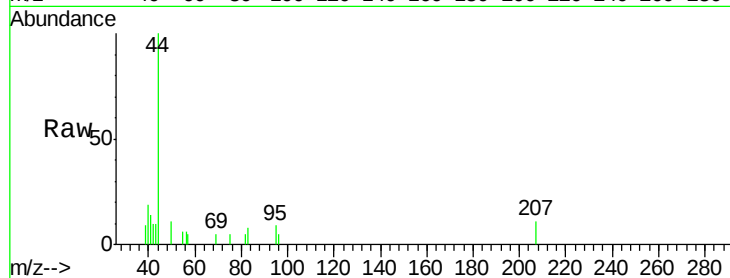
Instrument :

MSVOA_N

ClientSampled :

MW-3-9-15-15

Tgt Ion:	83	Resp:	82
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.1	12.3#
85	82.9	31.9	95.7



#77

1,2,3-Trichloropropane

Concen: 31.06 ug/l

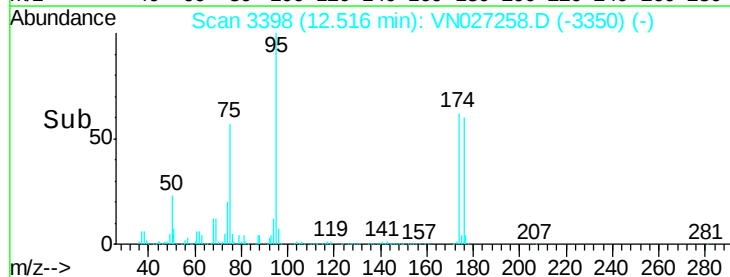
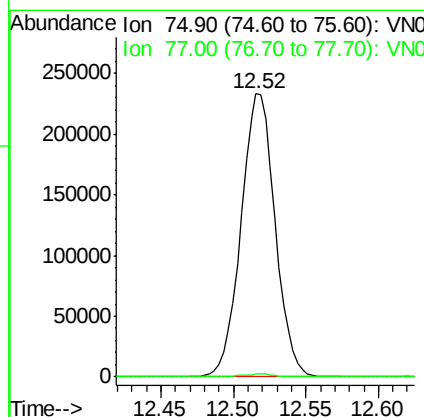
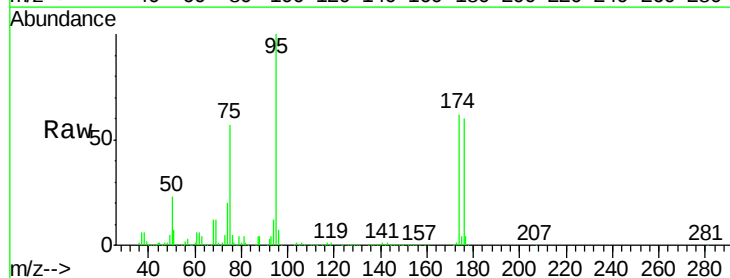
RT: 12.52 min Scan# 3398

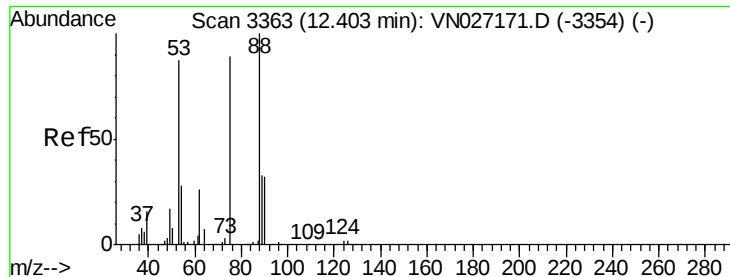
Delta R.T. -0.14 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

Tgt Ion:	75	Resp:	380618
Ion	Ratio	Lower	Upper
75	100		
77	1.1	103.1	309.3#





#82

trans-1,4-Dichloro-2-butene

Concen: 76.28 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3-9-15-15

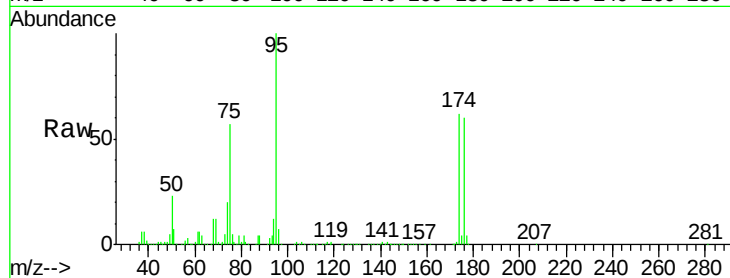
Tgt Ion: 75 Resp: 380618

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

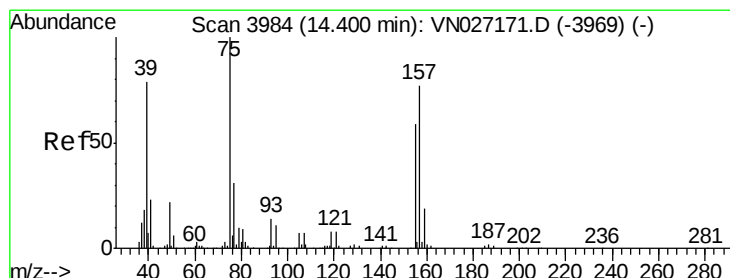
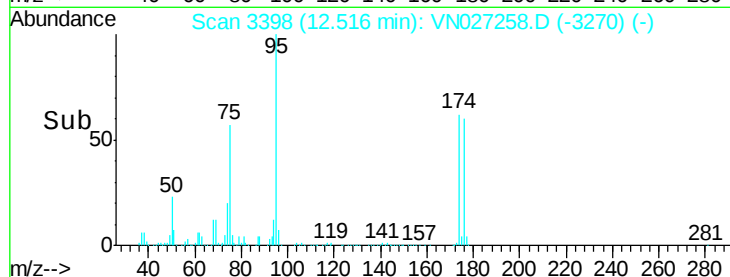
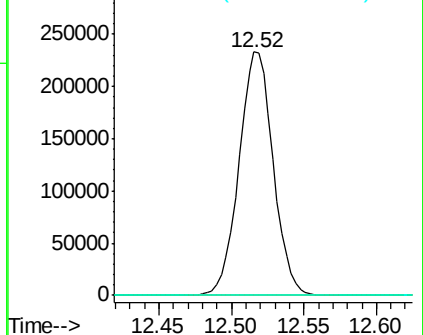
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.53 min Scan# 4025

Delta R.T. 0.13 min

Lab File: VN027258.D

Acq: 17 Sep 2015 16:36

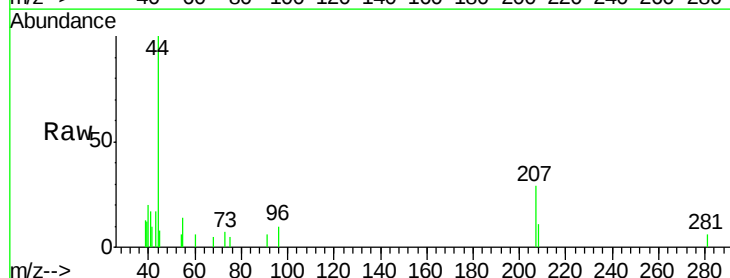
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

