

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049910.D
 Acq On : 19 Jul 2018 12:33
 Operator : MD\SY
 Sample : J4042-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-A

Quant Time: Jul 19 13:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	359049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	406526	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
35) Dibromofluoromethane	7.59	113	362570	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
50) Toluene-d8	10.09	98	1324857	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	
62) 4-Bromofluorobenzene	12.40	95	408781	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	

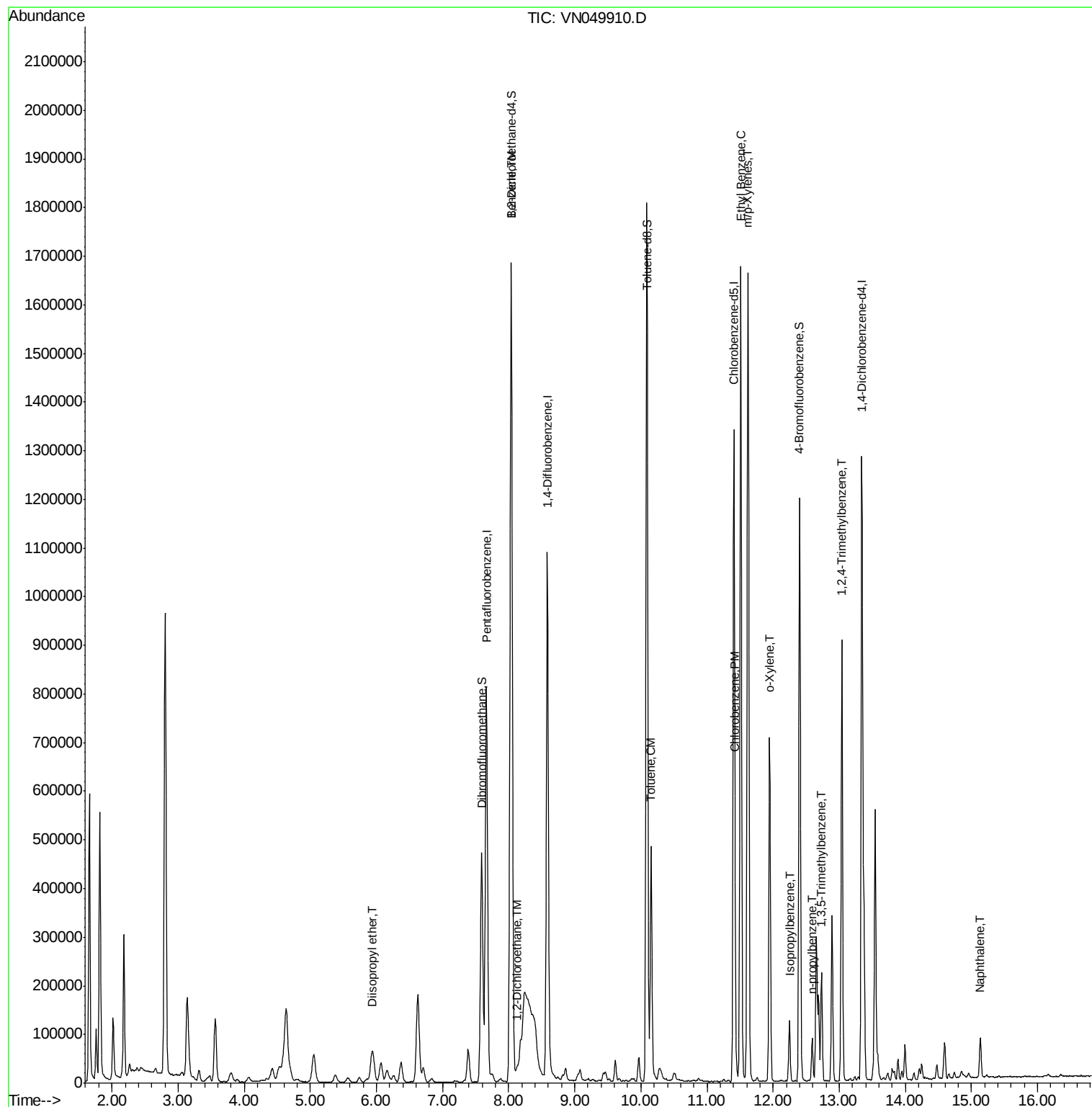
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Diisopropyl ether	5.95	45	46443	2.08	ug/l	99
40) Benzene	8.04	78	1488073	45.15	ug/l	100
42) 1,2-Dichloroethane	8.13	62	10902	1.00	ug/l	98
52) Toluene	10.16	92	210183	10.69	ug/l	98
65) Chlorobenzene	11.43	112	18255	0.89	ug/l	100
67) Ethyl Benzene	11.51	91	1255880	37.73	ug/l	100
68) m/p-Xylenes	11.62	106	553761	43.95	ug/l	99
69) o-Xylene	11.95	106	197401	16.31	ug/l	98
73) Isopropylbenzene	12.25	105	78234	2.87	ug/l	100
78) n-propylbenzene	12.59	91	70306	2.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	124024	5.67	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	506595	22.88	ug/l	100
95) Naphthalene	15.13	128	71505	8.32	ug/l	99

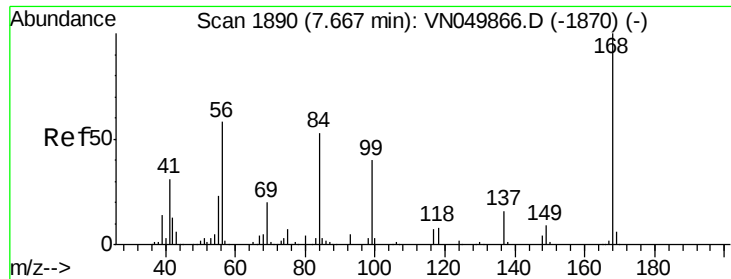
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071918\
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

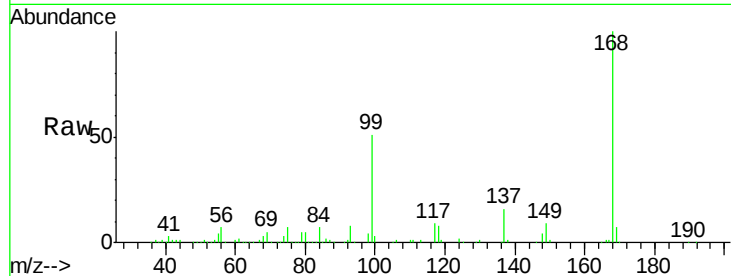
MW-4-A

Tot Ion:168 Resp: 639442

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

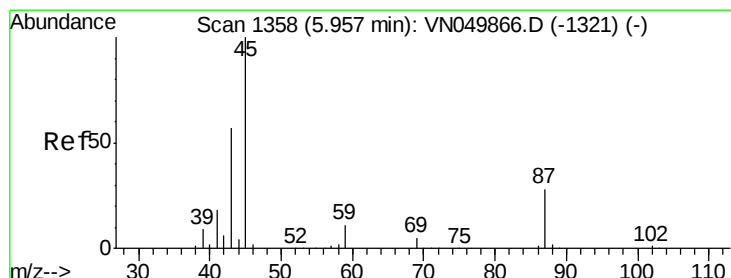
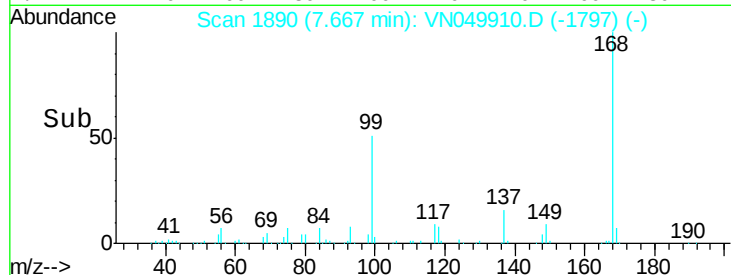
150000

100000

50000

0

Time-->



#22

Diisopropyl ether

Concen: 2.08 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Tgt Ion: 45 Resp: 46443

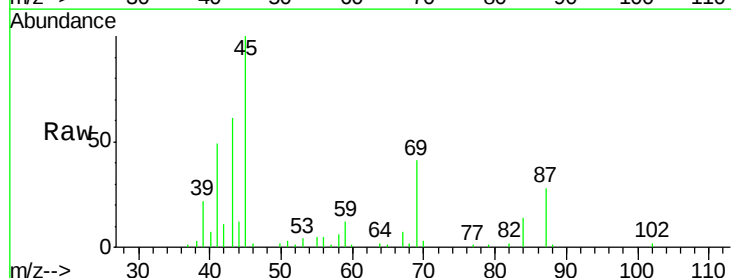
Ion Ratio Lower Upper

45 100

43 59.1 48.1 72.1

87 28.3 22.6 34.0

59 12.2 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 87.00 (86.70 to 87.70): VN

Ion 59.00 (58.70 to 59.70): VN

20000

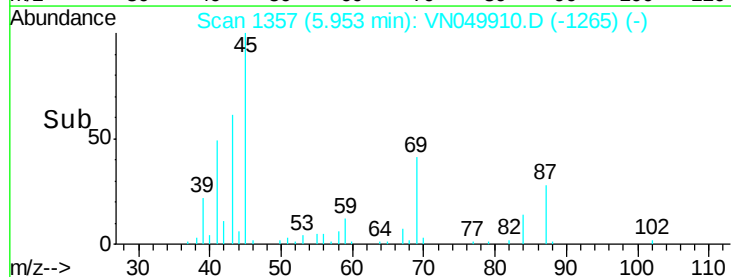
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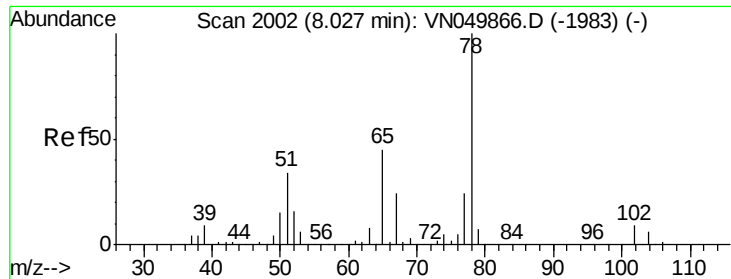
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5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.26 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

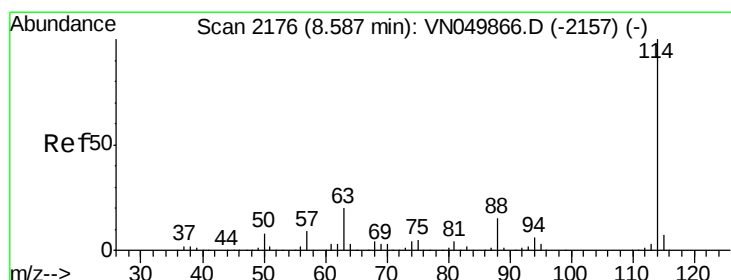
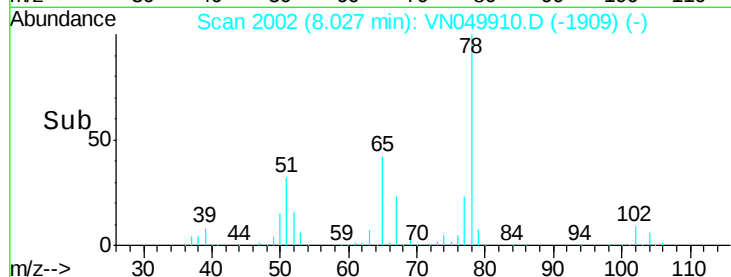
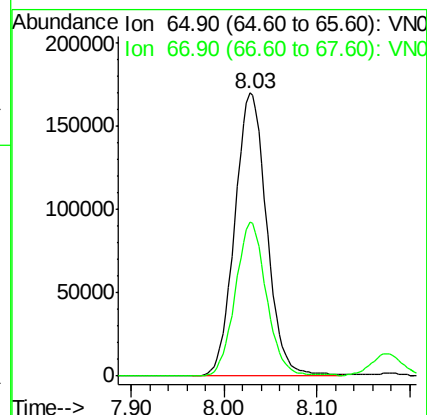
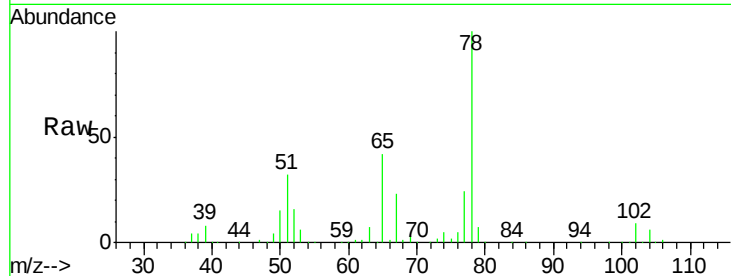
MW-4-A

Tot Ion: 65 Resp: 406526

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

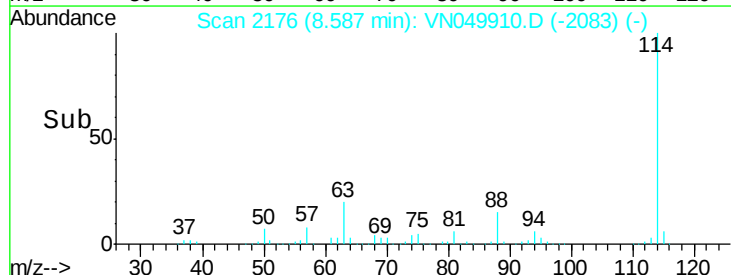
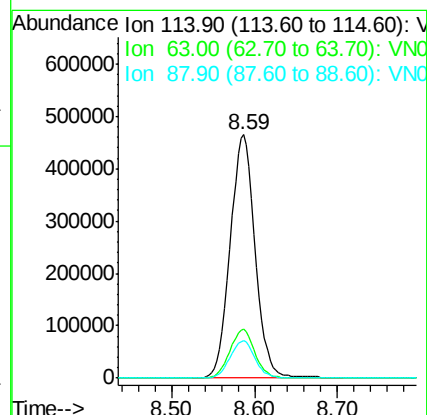
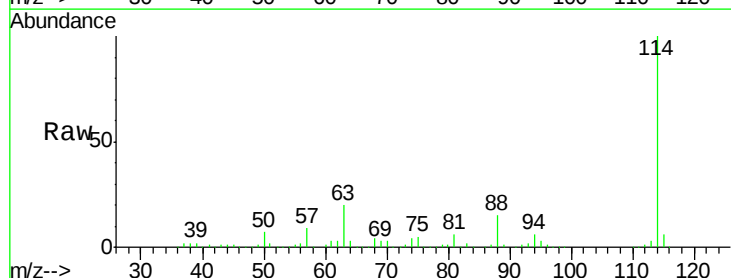
Tgt Ion: 114 Resp: 972479

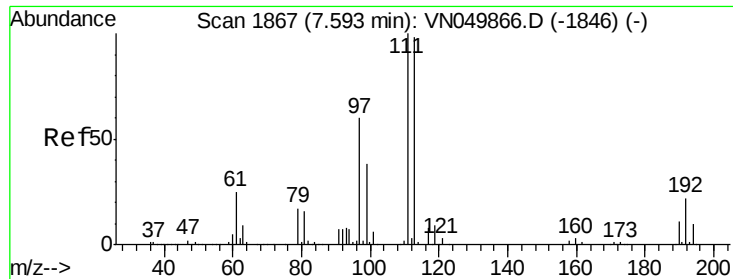
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.3 0.0 30.6

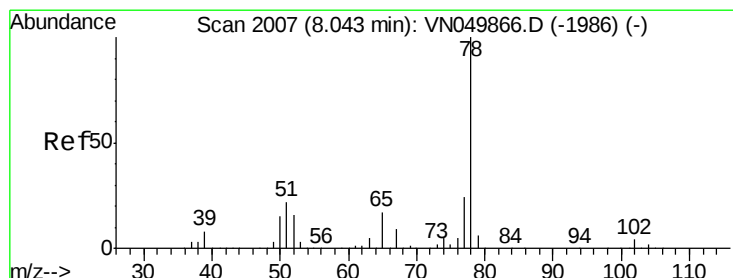
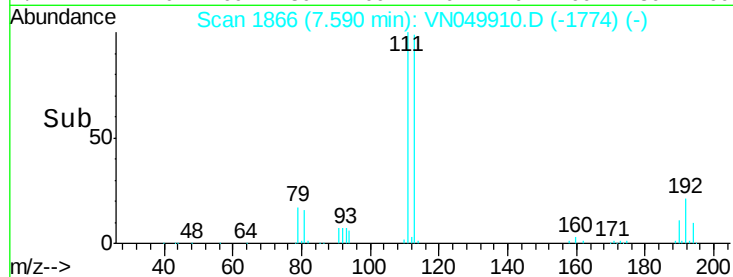
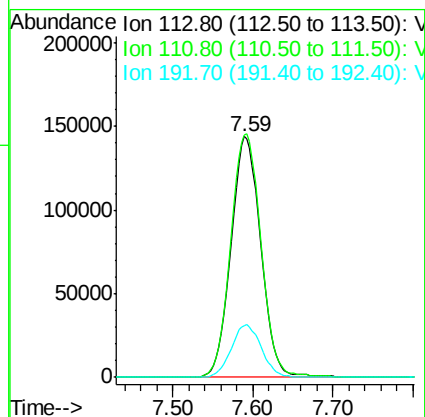
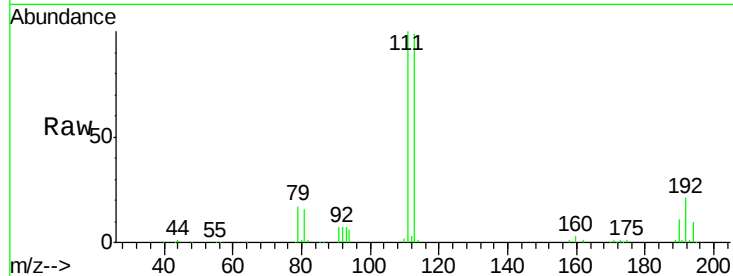




#35
 Dibromofluoromethane
 Concen: 44.41 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049910.D
 Acq: 19 Jul 2018 12:33

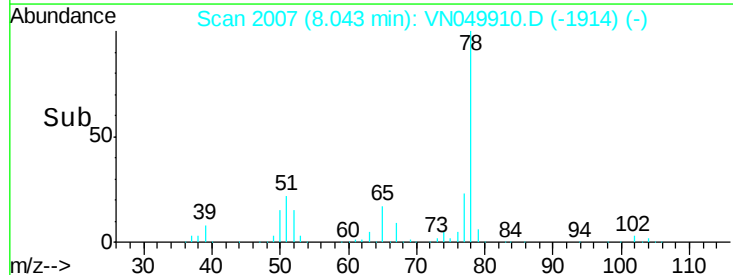
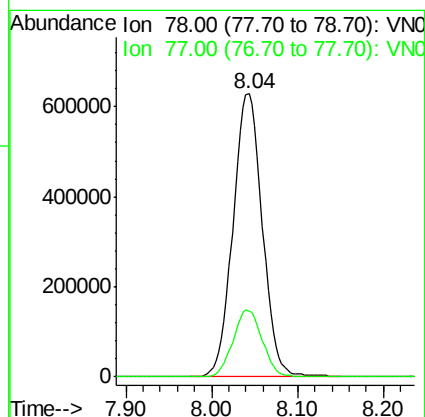
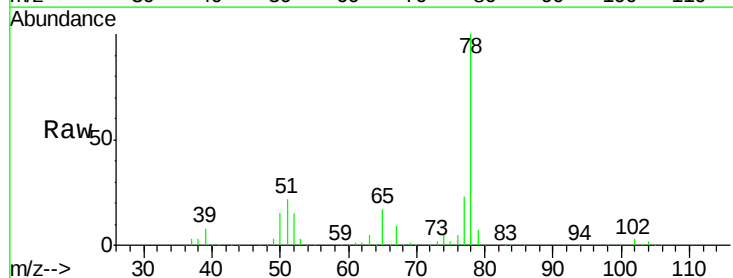
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-A

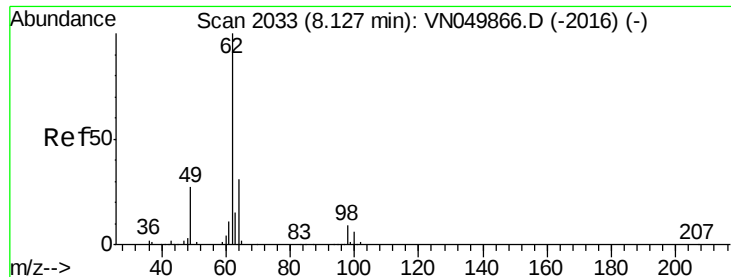
Tot Ion:113 Resp: 362570
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.8
 192 22.1 17.8 26.6



#40
 Benzene
 Concen: 45.15 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VN049910.D
 Acq: 19 Jul 2018 12:33

Tgt Ion: 78 Resp: 1488073
 Ion Ratio Lower Upper
 78 100
 77 23.5 19.0 28.4





#42

1,2-Dichloroethane

Concen: 1.00 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

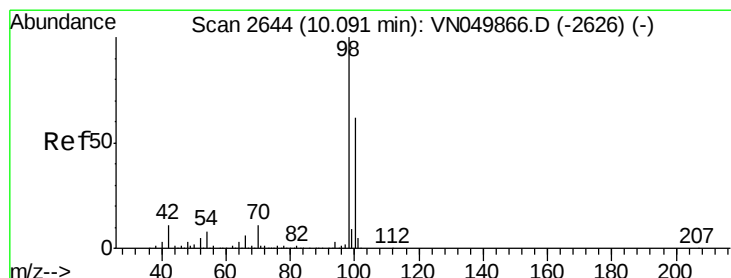
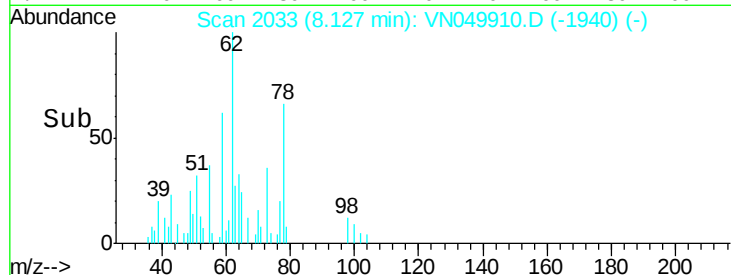
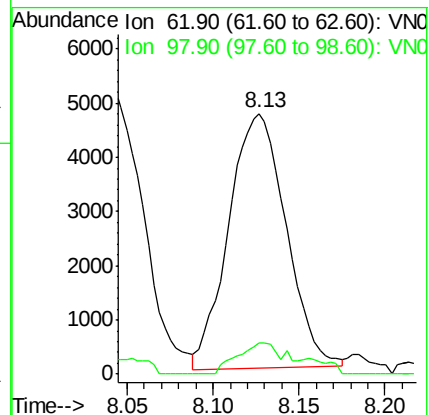
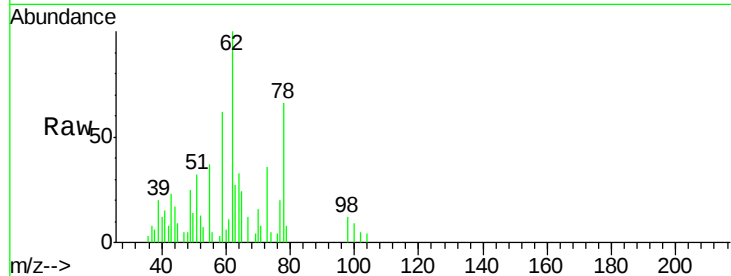
MW-4-A

Tot Ion: 62 Resp: 10902

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.0



#50

Toluene-d8

Concen: 44.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049910.D

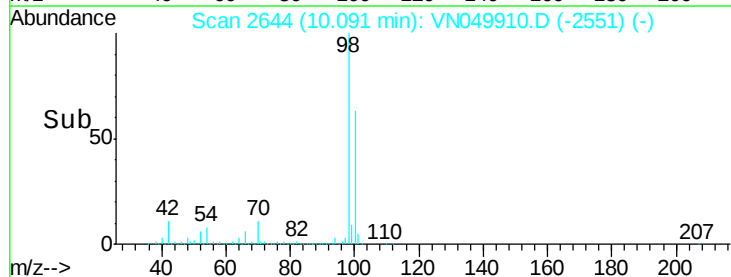
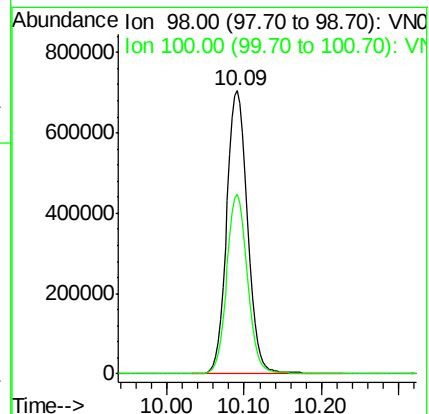
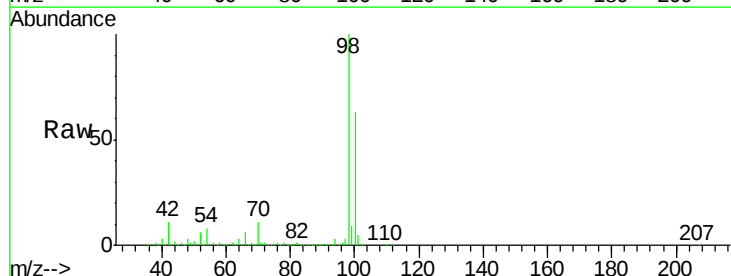
Acq: 19 Jul 2018 12:33

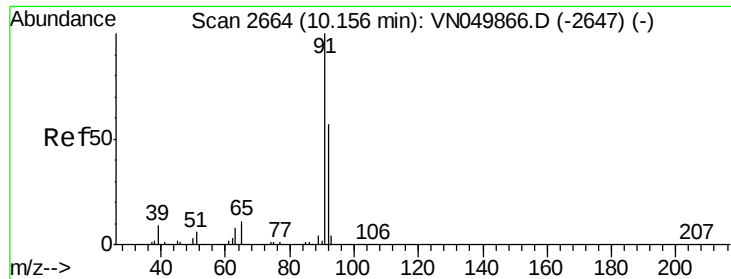
Tgt Ion: 98 Resp: 1324857

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5





#52

Toluene

Concen: 10.69 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampled :

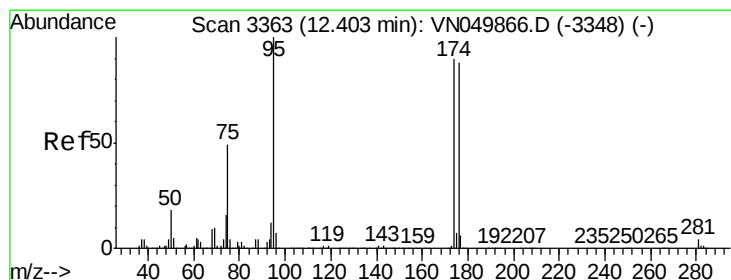
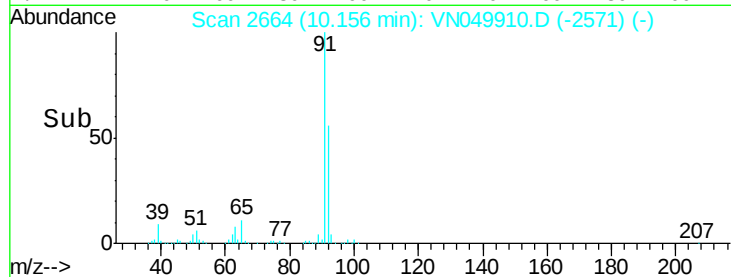
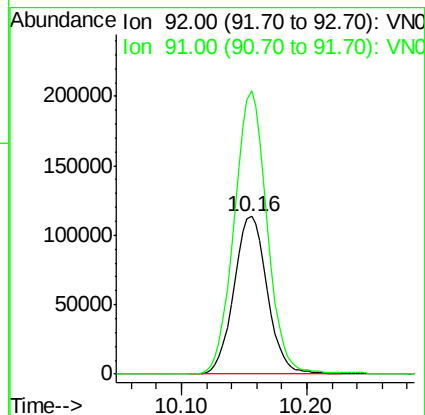
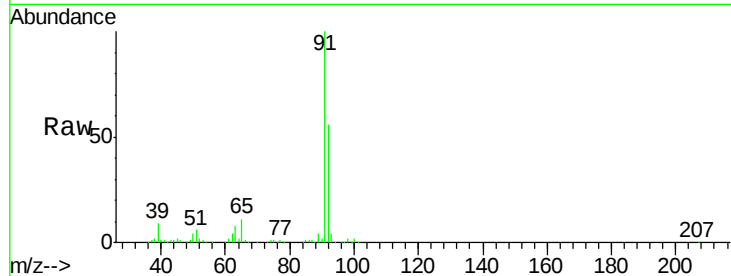
MW-4-A

Tot Ion: 92 Resp: 210183

Ion Ratio Lower Upper

92 100

91 177.9 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 39.90 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

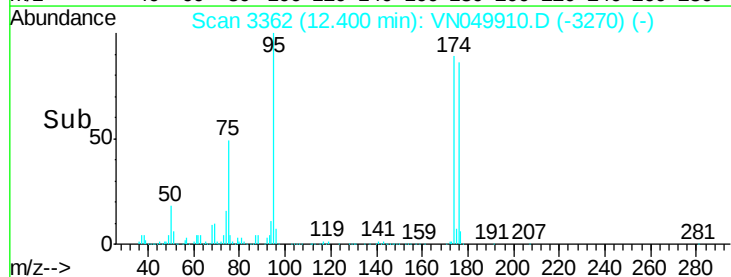
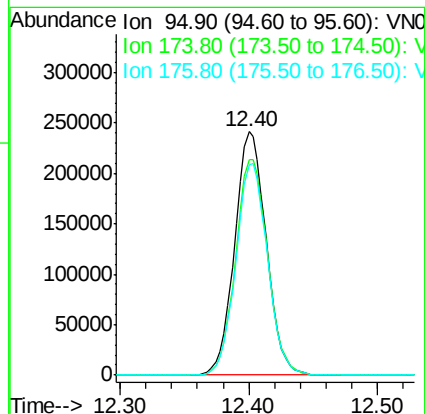
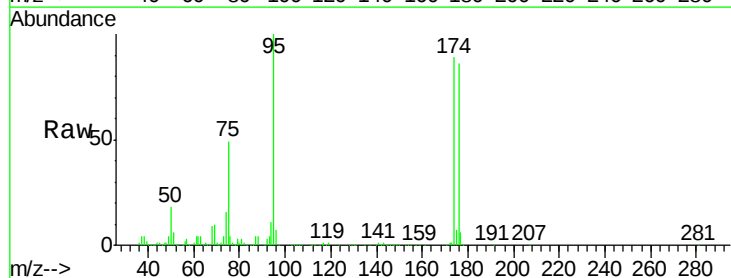
Tgt Ion: 95 Resp: 408781

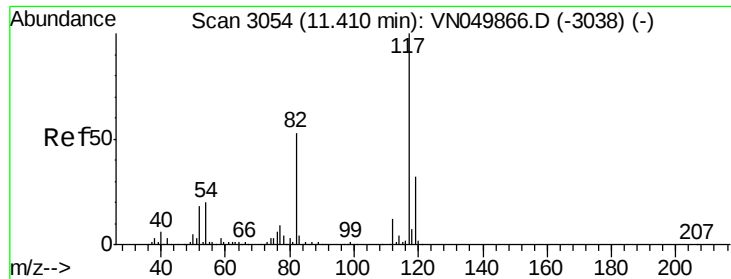
Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.6

176 87.3 0.0 174.0

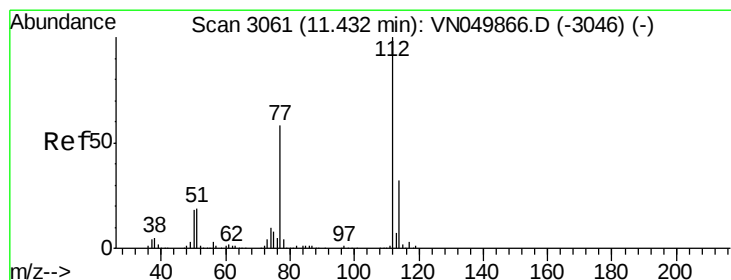
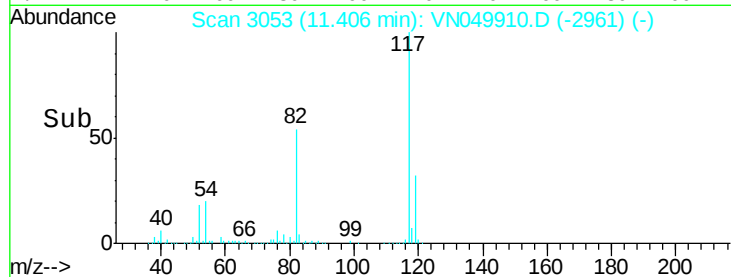
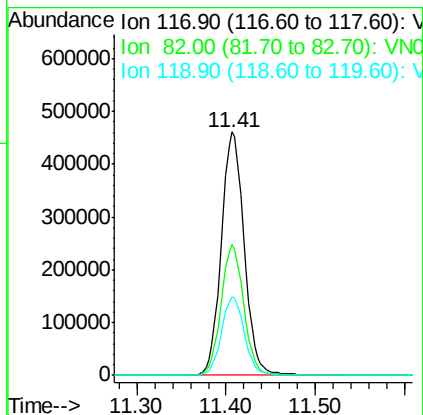
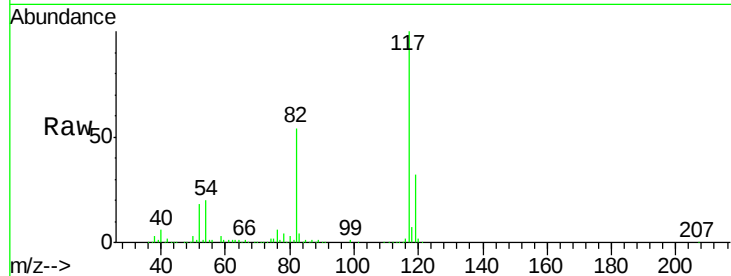




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049910.D
Acq: 19 Jul 2018 12:33

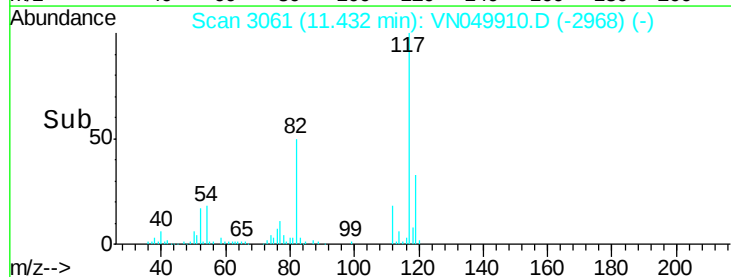
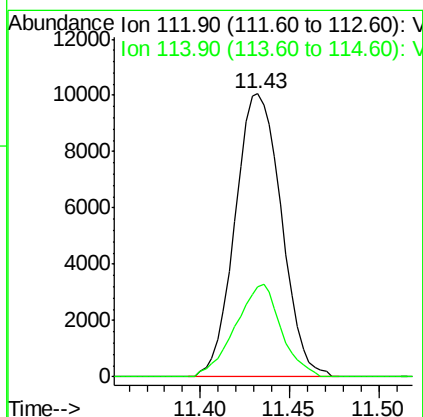
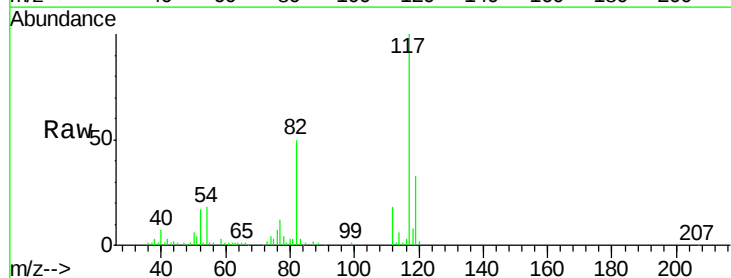
Instrument :
MSVOA_N
ClientSampled :
MW-4-A

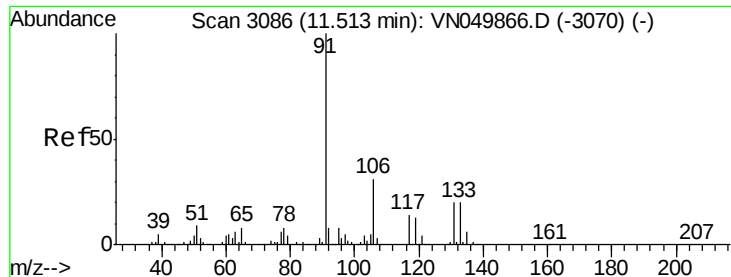
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.9	62.9
119	32.3	25.4	38.2



#65
Chlorobenzene
Concen: 0.89 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049910.D
Acq: 19 Jul 2018 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.0





#67

Ethyl Benzene

Concen: 37.73 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampled :

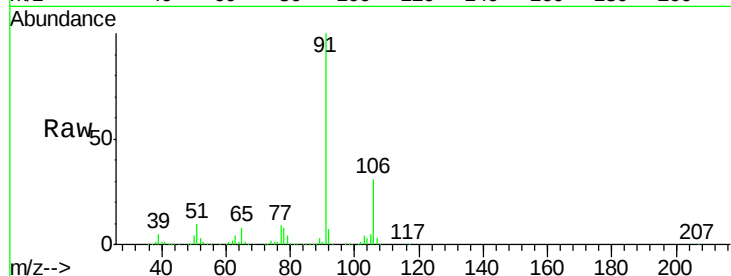
MW-4-A

Tot Ion: 91 Resp: 1255880

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN049910.D (-2993) (-)

Ion 106.00 (105.70 to 106.70): VN049910.D (-2993) (-)

11.51

600000

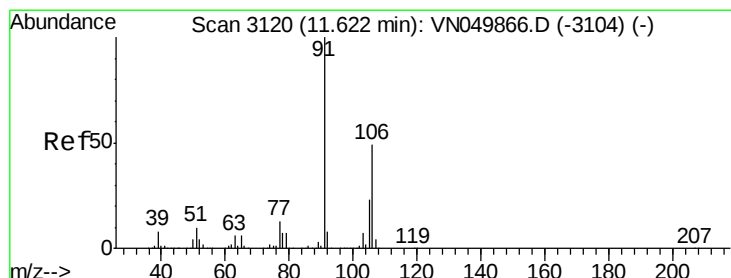
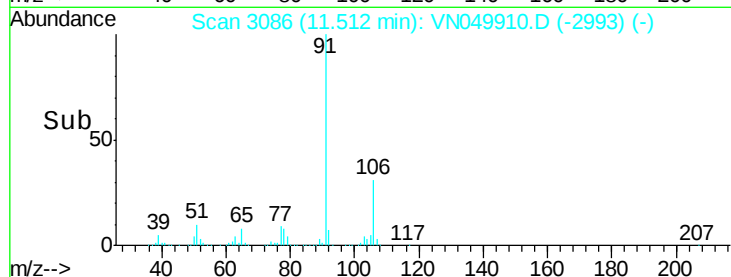
400000

200000

0

11.50 11.60

Time-->



#68

m/p-Xylenes

Concen: 43.95 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049910.D

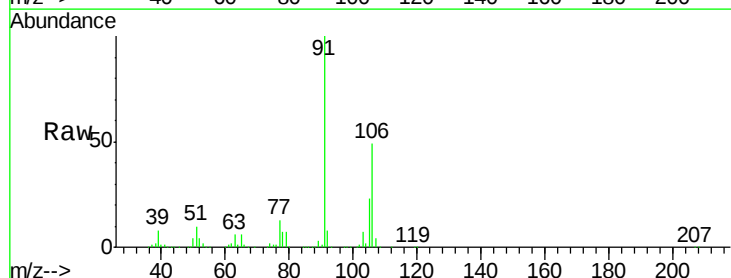
Acq: 19 Jul 2018 12:33

Tgt Ion: 106 Resp: 553761

Ion Ratio Lower Upper

106 100

91 202.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VN049910.D (-3027) (-)

Ion 91.00 (90.70 to 91.70): VN049910.D (-3027) (-)

11.62

800000

600000

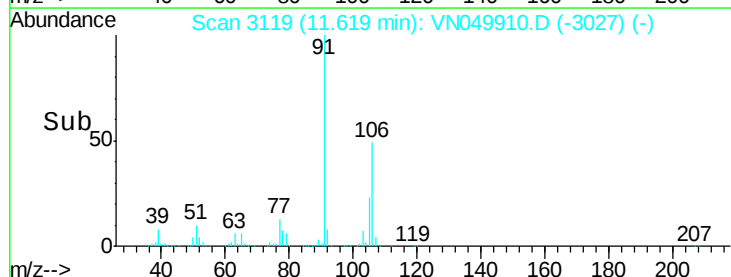
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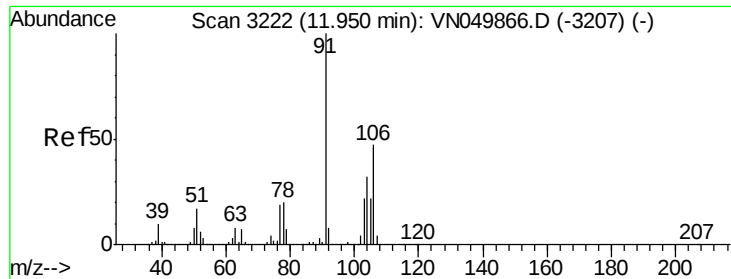
200000

0

11.50 11.60 11.70

Time-->

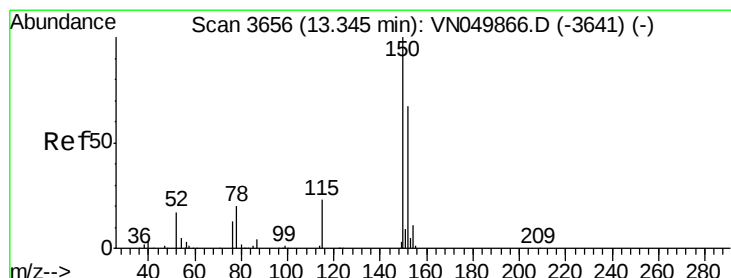
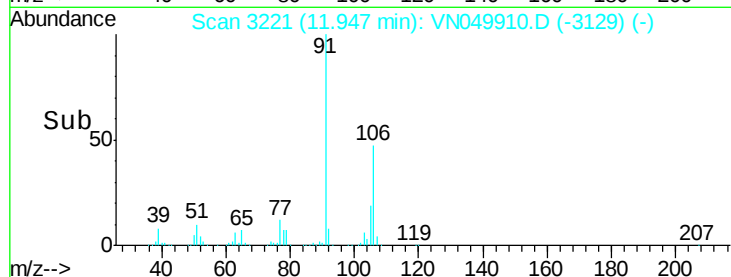
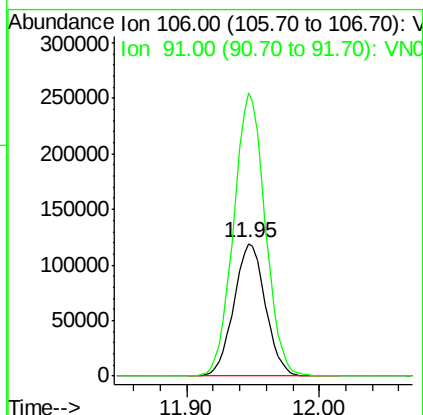
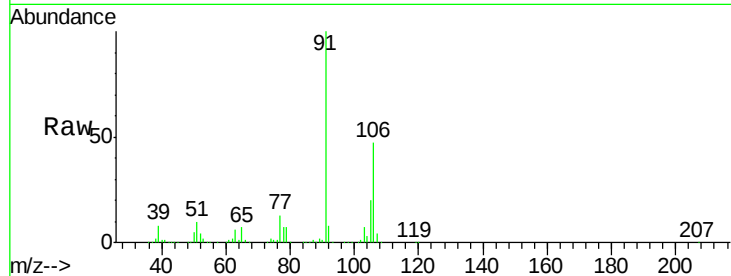




#69
o-Xylene
Concen: 16.31 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049910.D
Acq: 19 Jul 2018 12:33

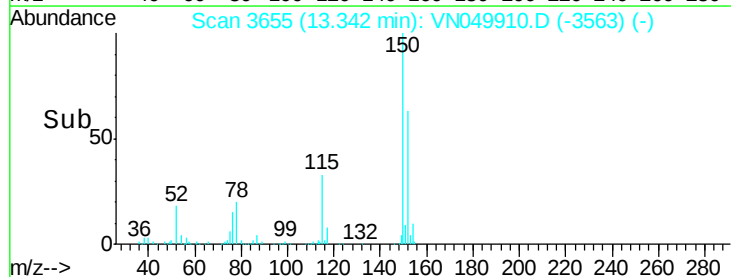
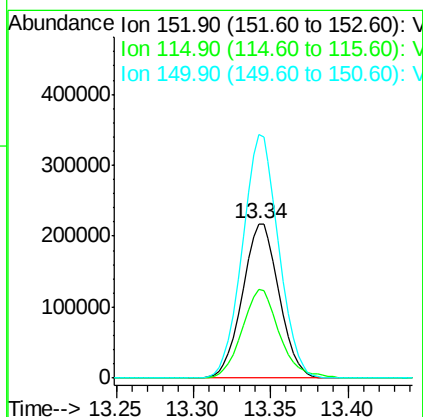
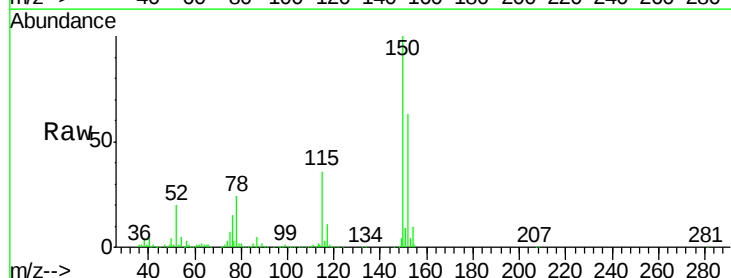
Instrument :
MSVOA_N
ClientSampled :
MW-4-A

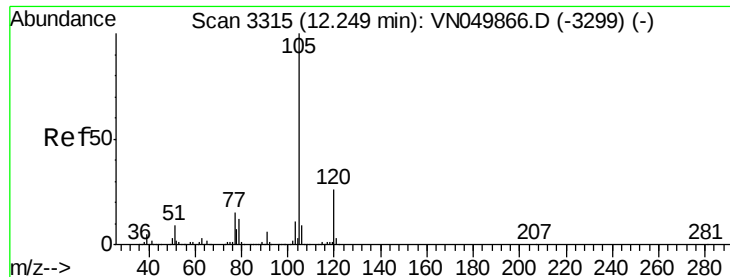
Tot Ion:106 Resp: 197401
Ion Ratio Lower Upper
106 100
91 214.0 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN049910.D
Acq: 19 Jul 2018 12:33

Tgt Ion:152 Resp: 359049
Ion Ratio Lower Upper
152 100
115 58.9 28.1 84.2
150 155.6 0.0 347.6





#73

Isopropylbenzene

Concen: 2.87 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049910.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_N

ClientSampled :

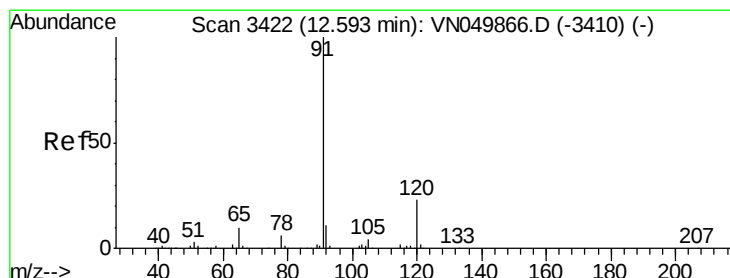
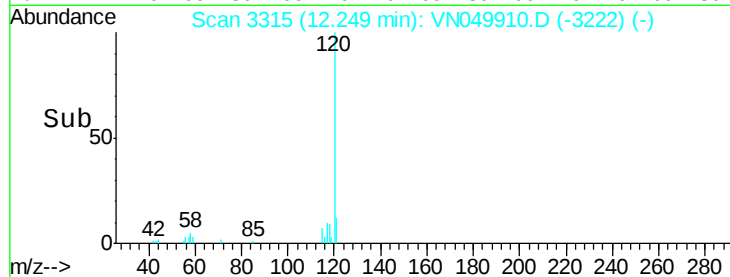
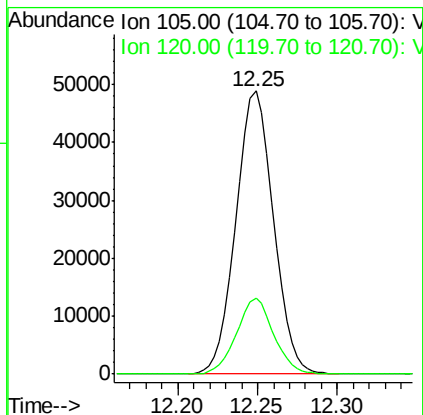
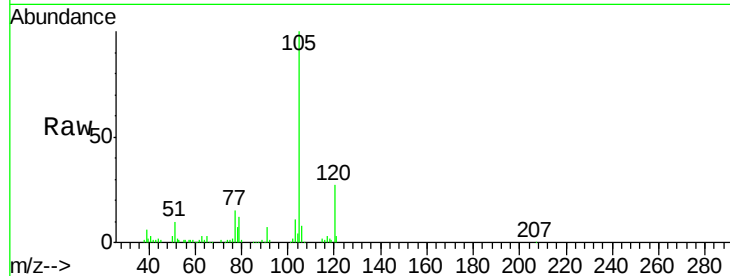
MW-4-A

Tot Ion:105 Resp: 78234

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#78

n-propylbenzene

Concen: 2.27 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049910.D

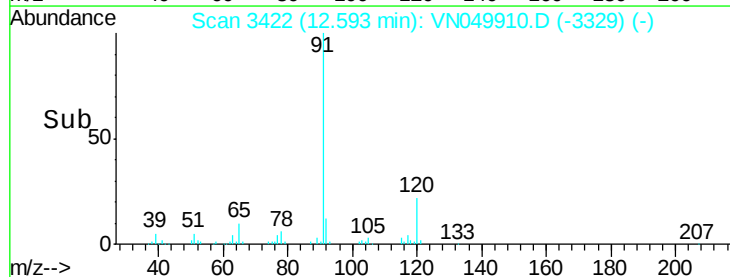
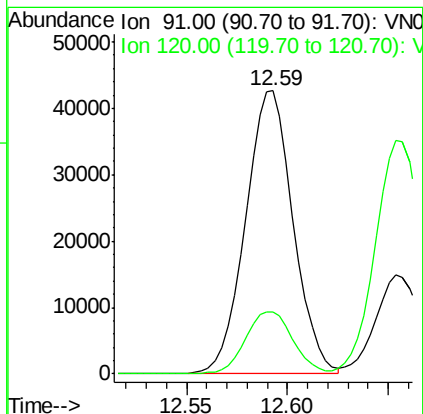
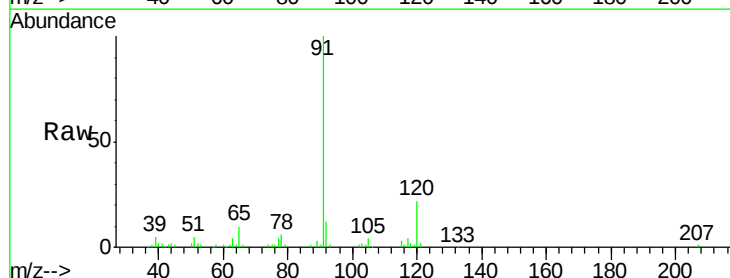
Acq: 19 Jul 2018 12:33

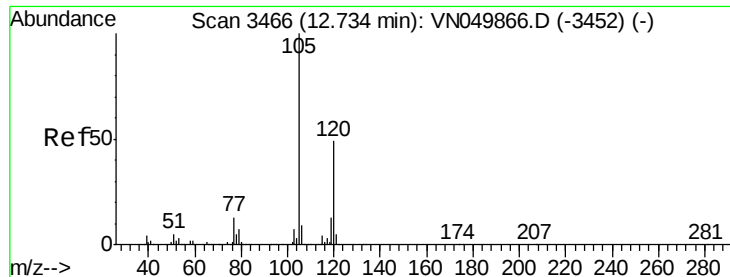
Tgt Ion: 91 Resp: 70306

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

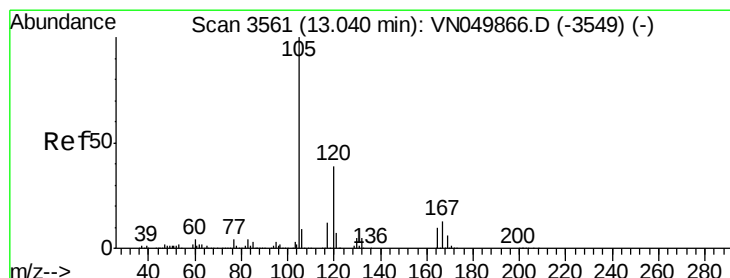
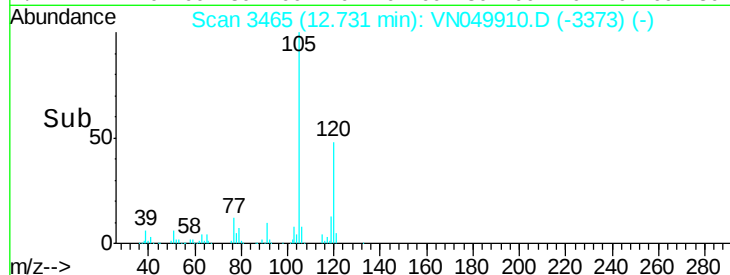
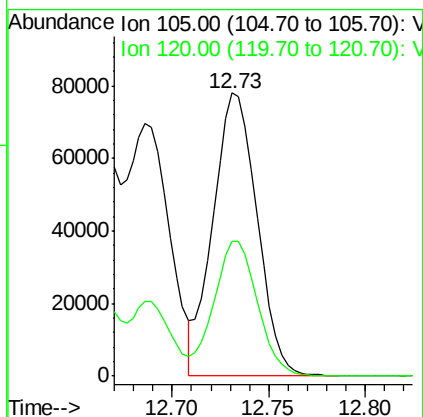
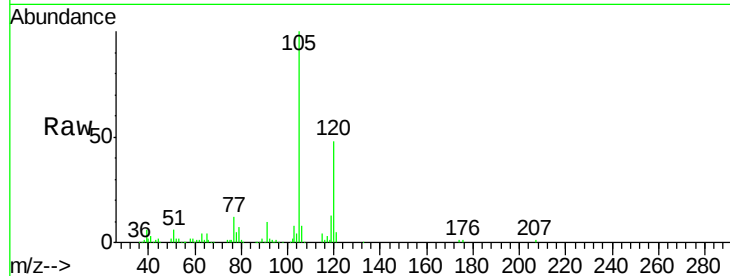




#80
 1,3,5-Trimethylbenzene
 Concen: 5.67 ug/l
 RT: 12.73 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: VN049910.D
 Acq: 19 Jul 2018 12:33

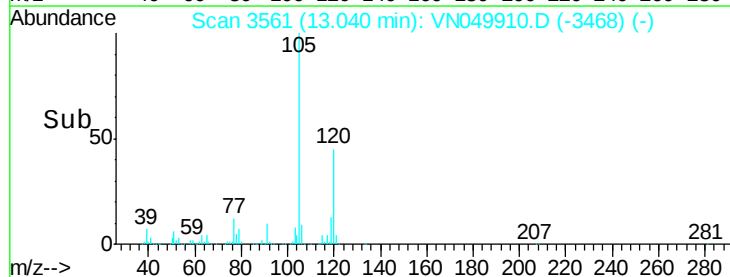
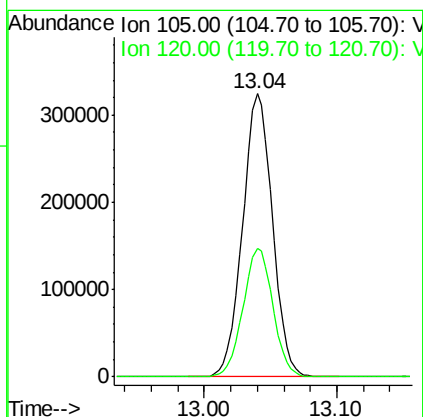
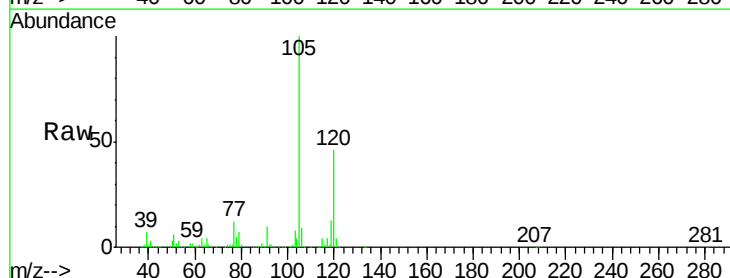
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4-A

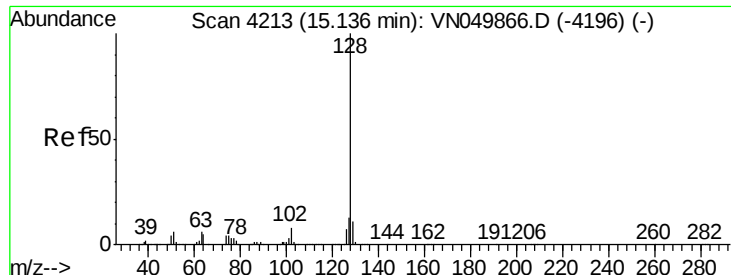
Tot Ion:105 Resp: 124024
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.88 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049910.D
 Acq: 19 Jul 2018 12:33

Tgt Ion:105 Resp: 506595
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1

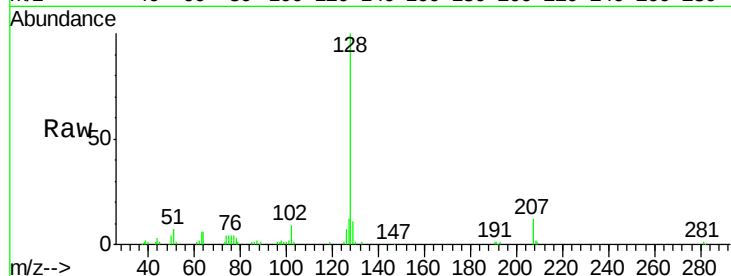




#95
Naphthalene
Concen: 8.32 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049910.D
Acq: 19 Jul 2018 12:33

Instrument :
MSVOA_N
ClientSampleId :
MW-4-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.7	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

