

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050105.D
 Acq On : 27 Jul 2018 1:35
 Operator : MD\SY
 Sample : J4163-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Jul 27 11:53:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

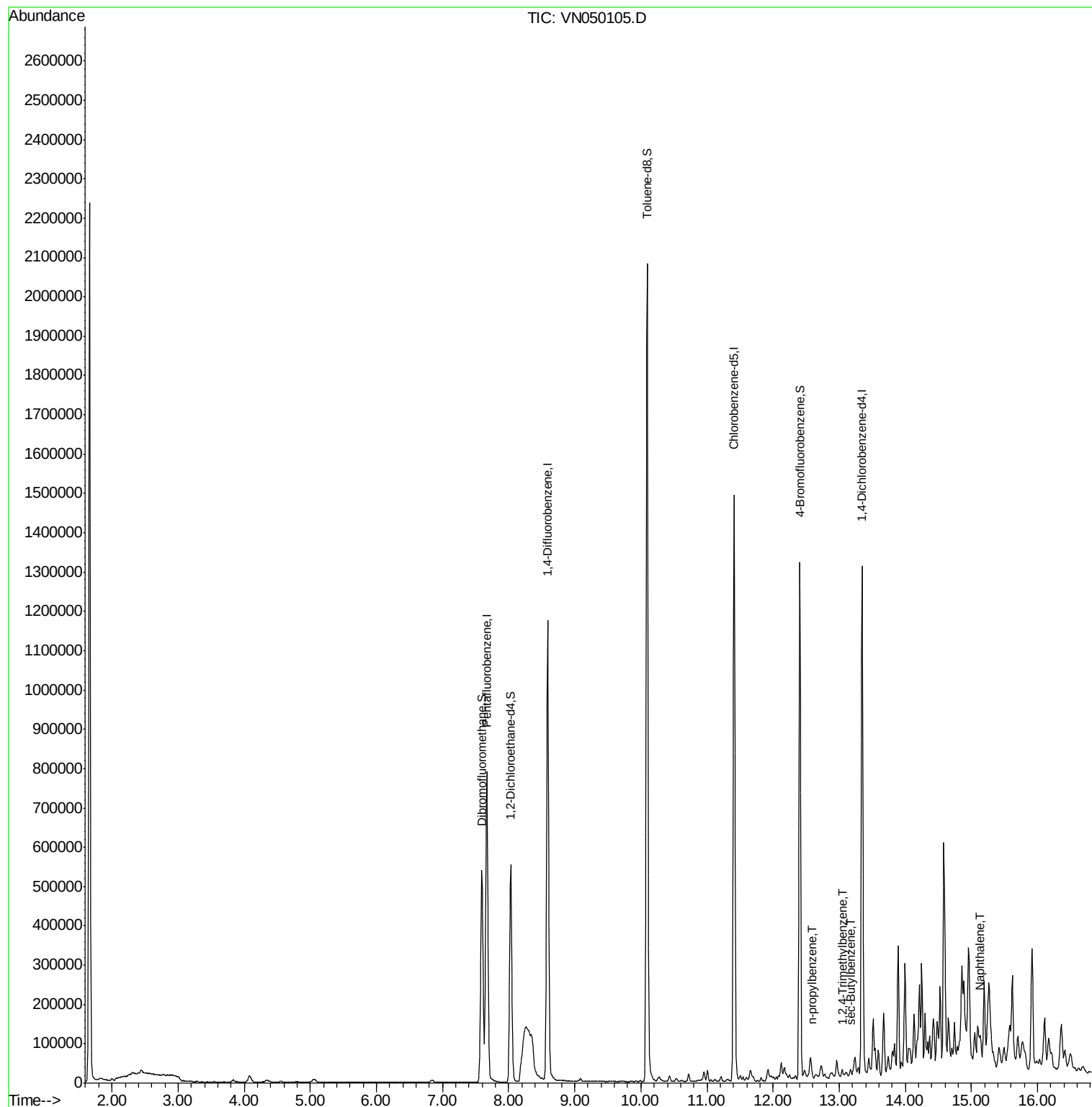
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	685883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	475053	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	7.60	113	419628	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1487451	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	435618	40.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.54%	
Target Compounds						
78) n-propylbenzene	12.59	91	7839	0.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	8965	0.39	ug/l	92
85) sec-Butylbenzene	13.17	105	7155	0.27	ug/l	81
95) Naphthalene	15.13	128	44379	6.80	ug/l #	95

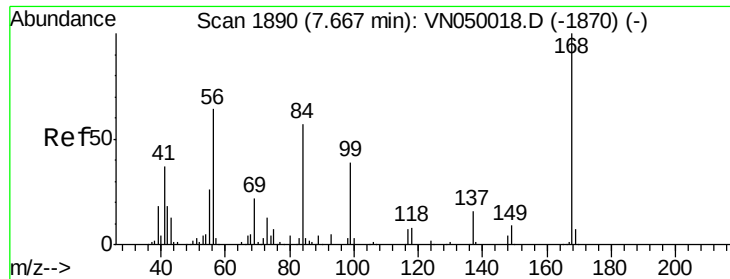
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampled :

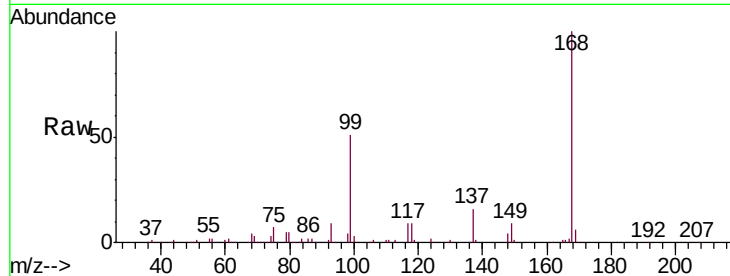
MW-26

Tot Ion:168 Resp: 685883

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

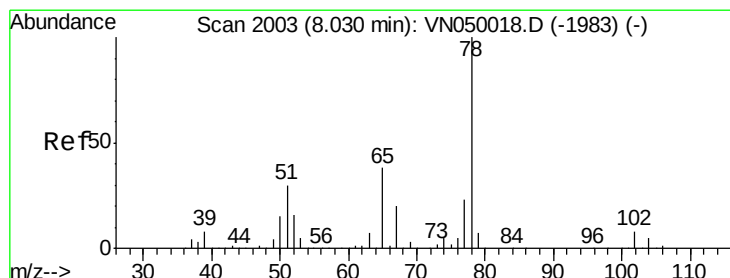
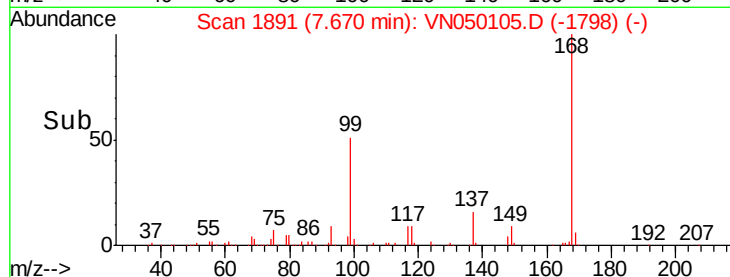
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.64 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050105.D

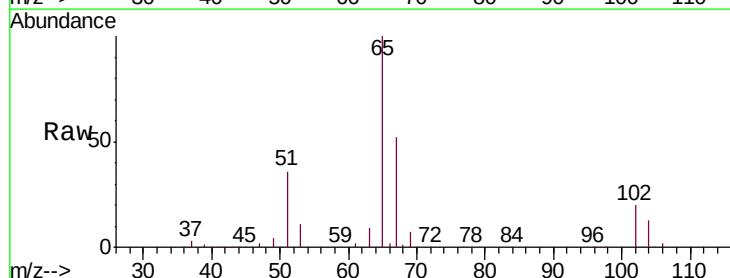
Acq: 27 Jul 2018 1:35

Tgt Ion: 65 Resp: 475053

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

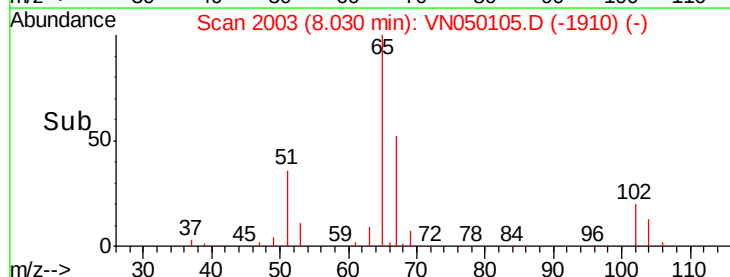
150000

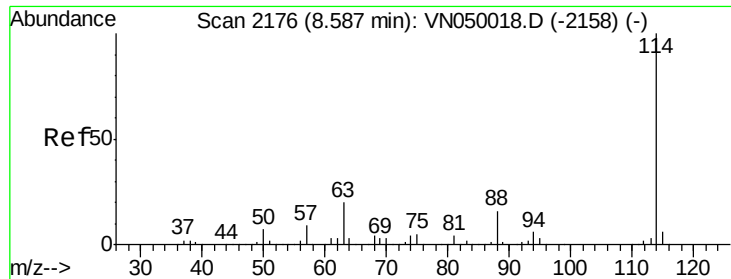
100000

50000

0

Time-->

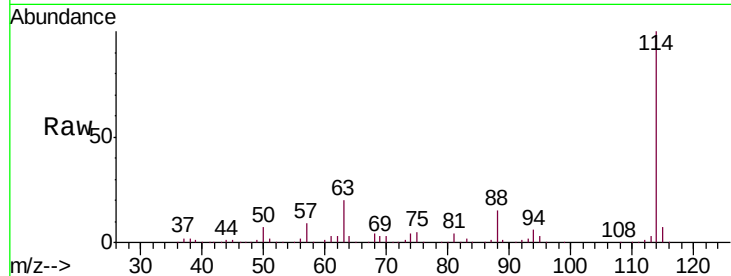




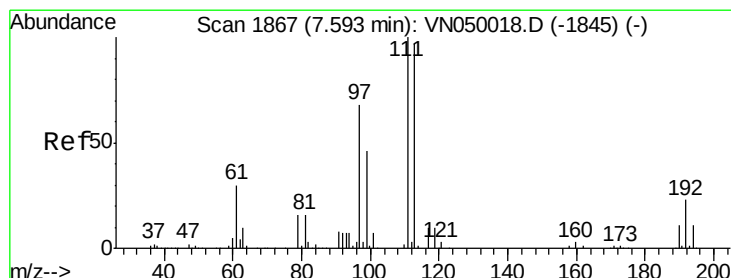
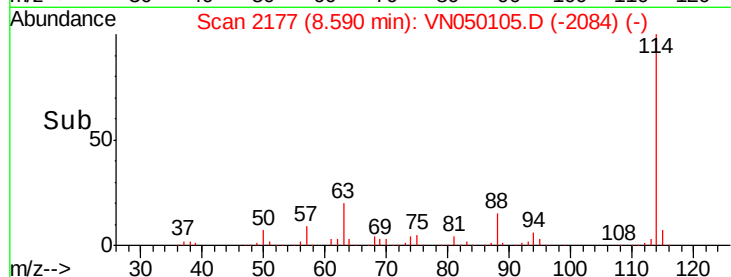
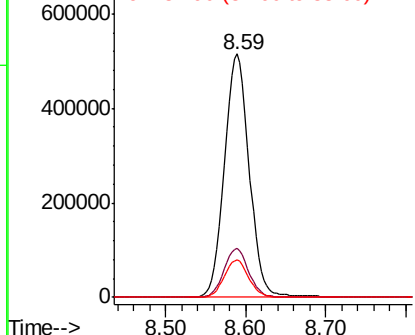
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tot Ion:114 Resp: 1094365
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.4 0.0 31.2

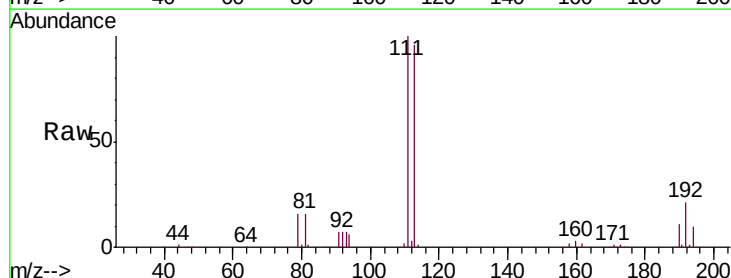


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

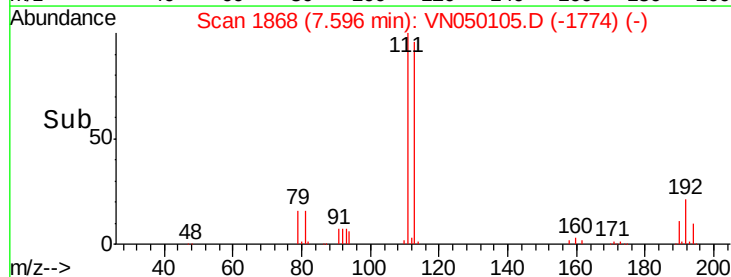
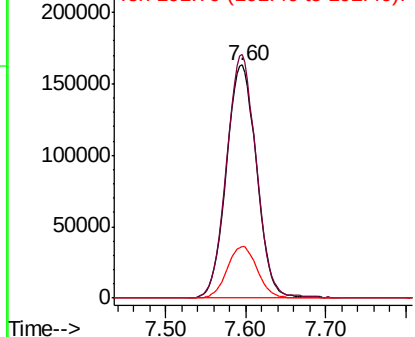


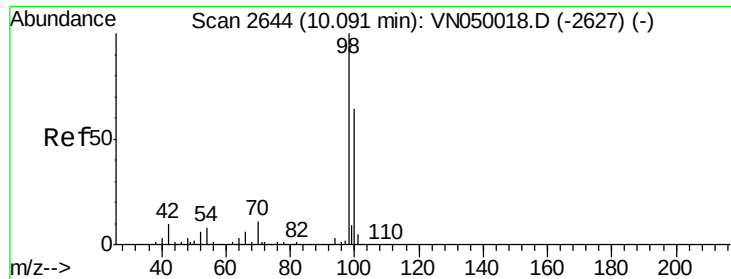
#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion:113 Resp: 419628
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 21.9 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

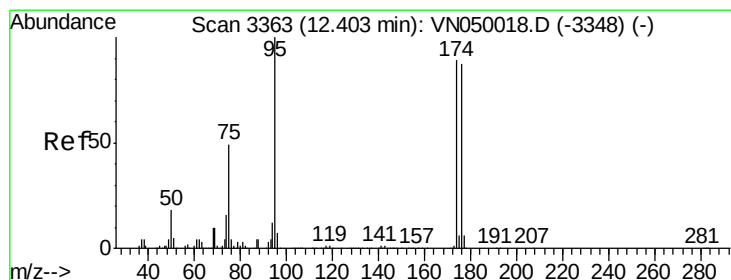
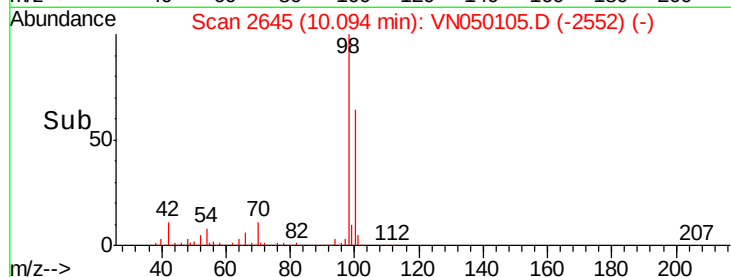
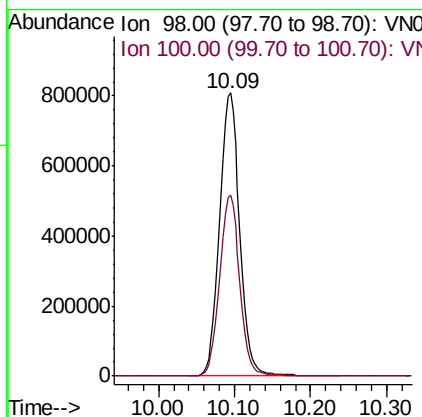
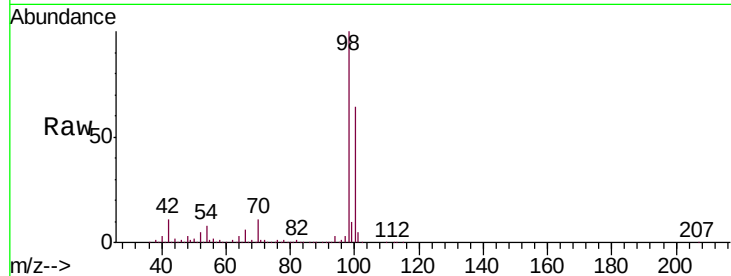




#50
Toluene-d8
Concen: 45.28 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

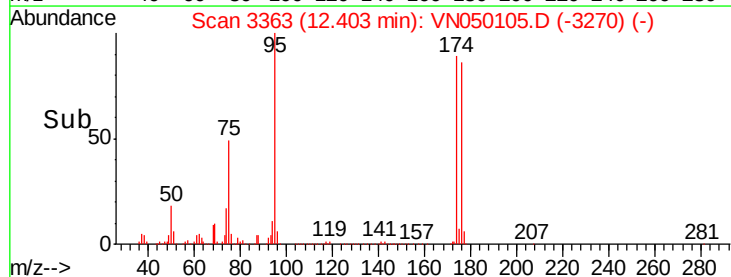
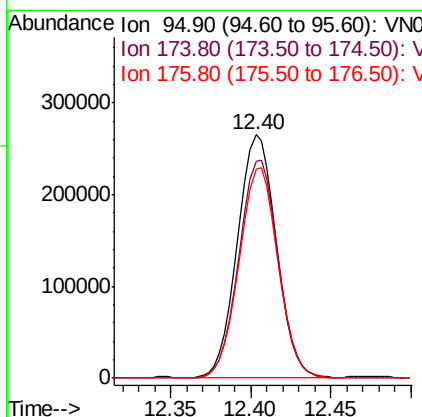
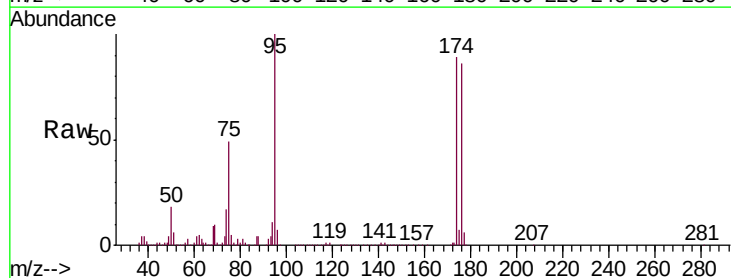
Instrument :
MSVOA_N
ClientSampleId :
MW-26

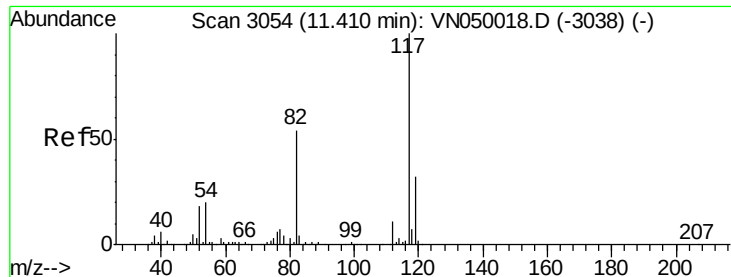
Tot Ion: 98 Resp: 1487451
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.27 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 95 Resp: 435618
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.2 0.0 173.4

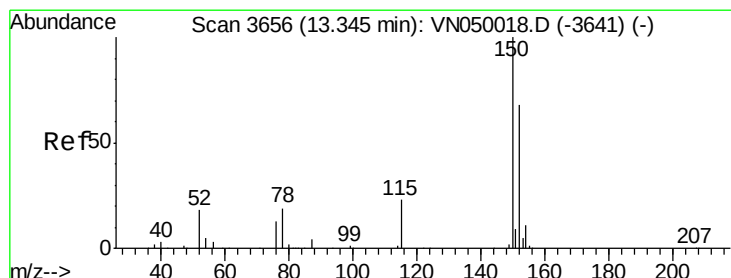
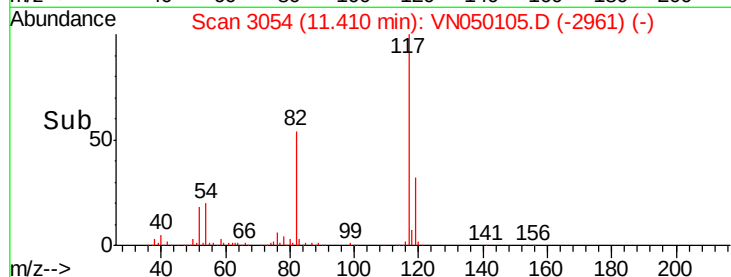
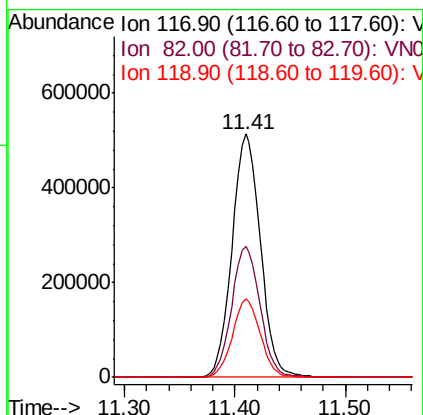
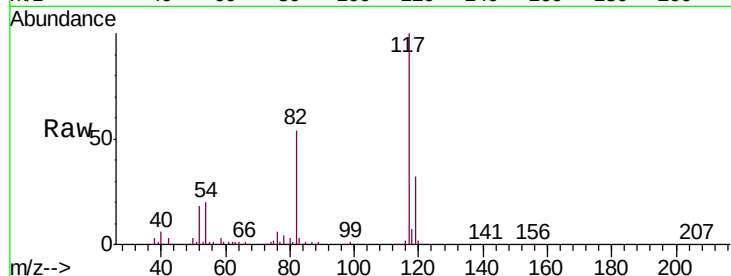




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

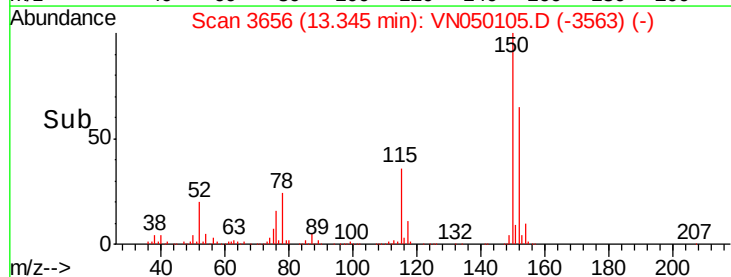
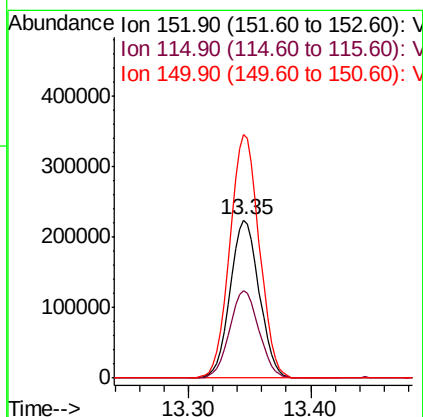
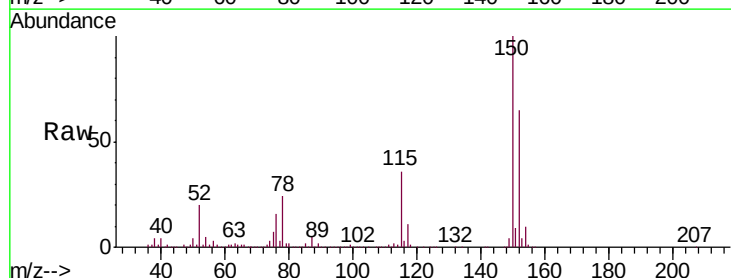
Instrument :
MSVOA_N
ClientSampleId :
MW-26

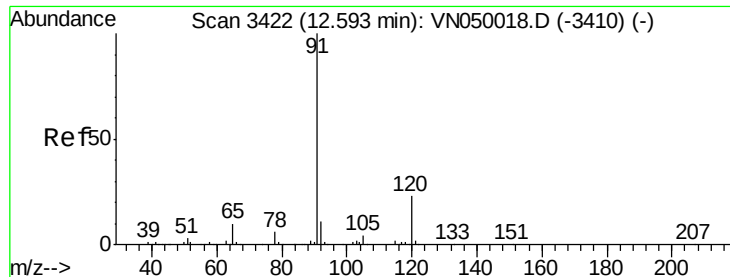
Tot Ion:117 Resp: 915976
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion:152 Resp: 371963
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 155.6 0.0 348.6





#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

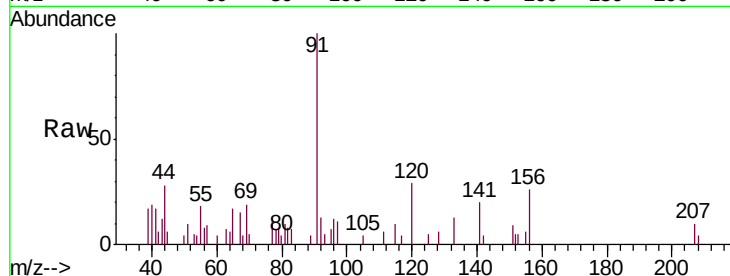
MW-26

Tot Ion: 91 Resp: 7839

Ion Ratio Lower Upper

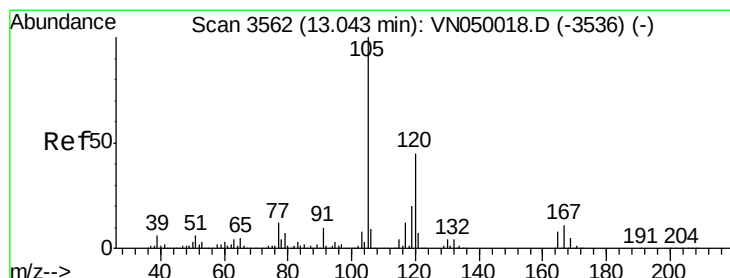
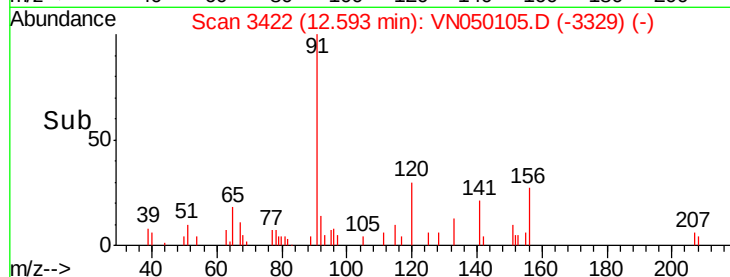
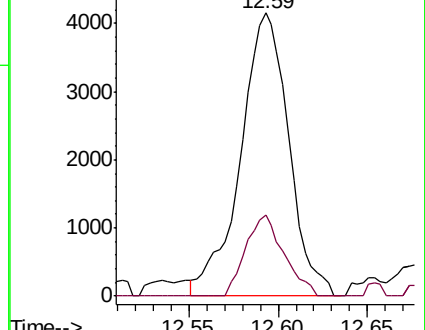
91 100

120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050105.D (-3422) (-)

Ion 120.00 (119.70 to 120.70): VN050105.D (-3422) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.39 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050105.D

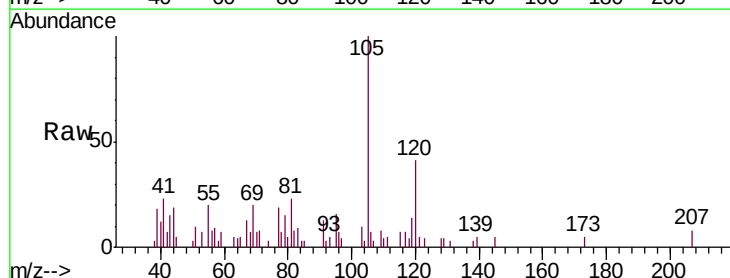
Acq: 27 Jul 2018 1:35

Tgt Ion: 105 Resp: 8965

Ion Ratio Lower Upper

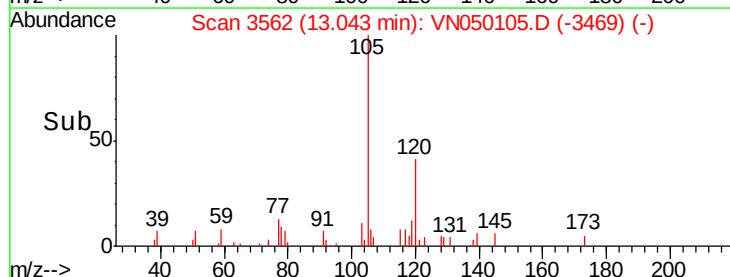
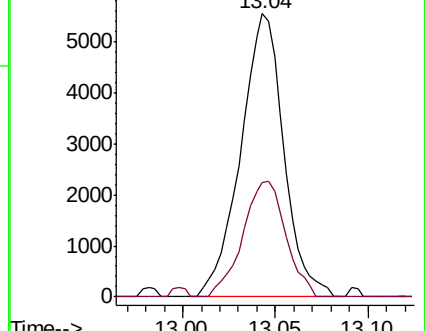
105 100

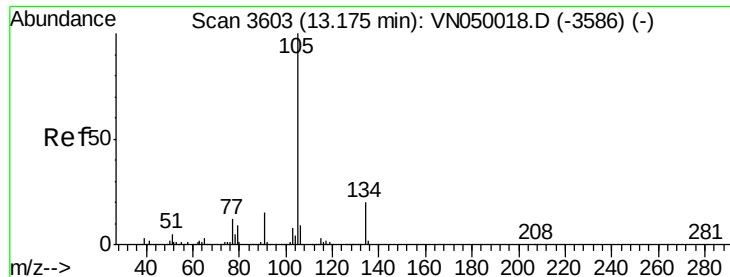
120 40.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN050105.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN050105.D (-3562) (-)





#85

sec-Butylbenzene

Concen: 0.27 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

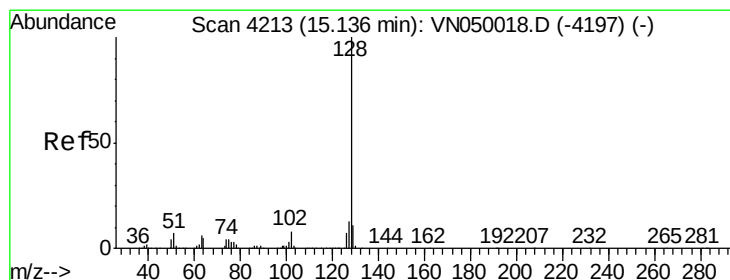
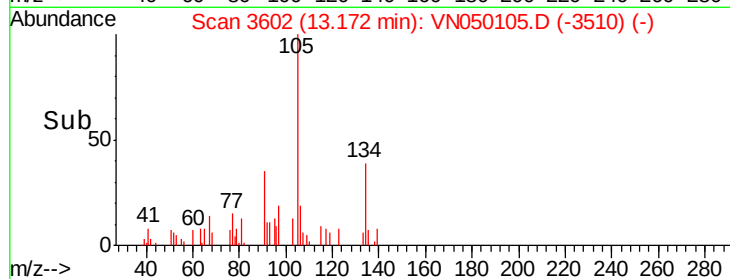
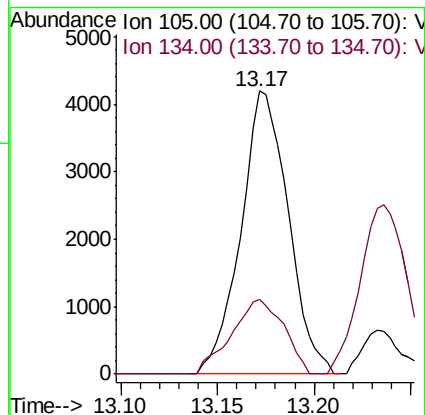
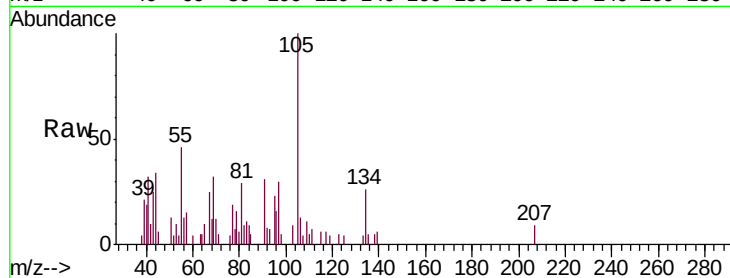
MW-26

Tot Ion:105 Resp: 7155

Ion Ratio Lower Upper

105 100

134 29.1 10.1 30.1



#95

Naphthalene

Concen: 6.80 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Tgt Ion:128 Resp: 44379

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 8.2 8.8 13.2#

