

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050087.D
 Acq On : 26 Jul 2018 17:16
 Operator : MD\SY
 Sample : J4142-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Jul 27 03:26:07 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	681331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1089628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367728	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	469855	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.59	113	409375	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	1505290	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.40	95	443784	41.21	ug/l	0.00
Spiked Amount			Recovery	=	82.42%	

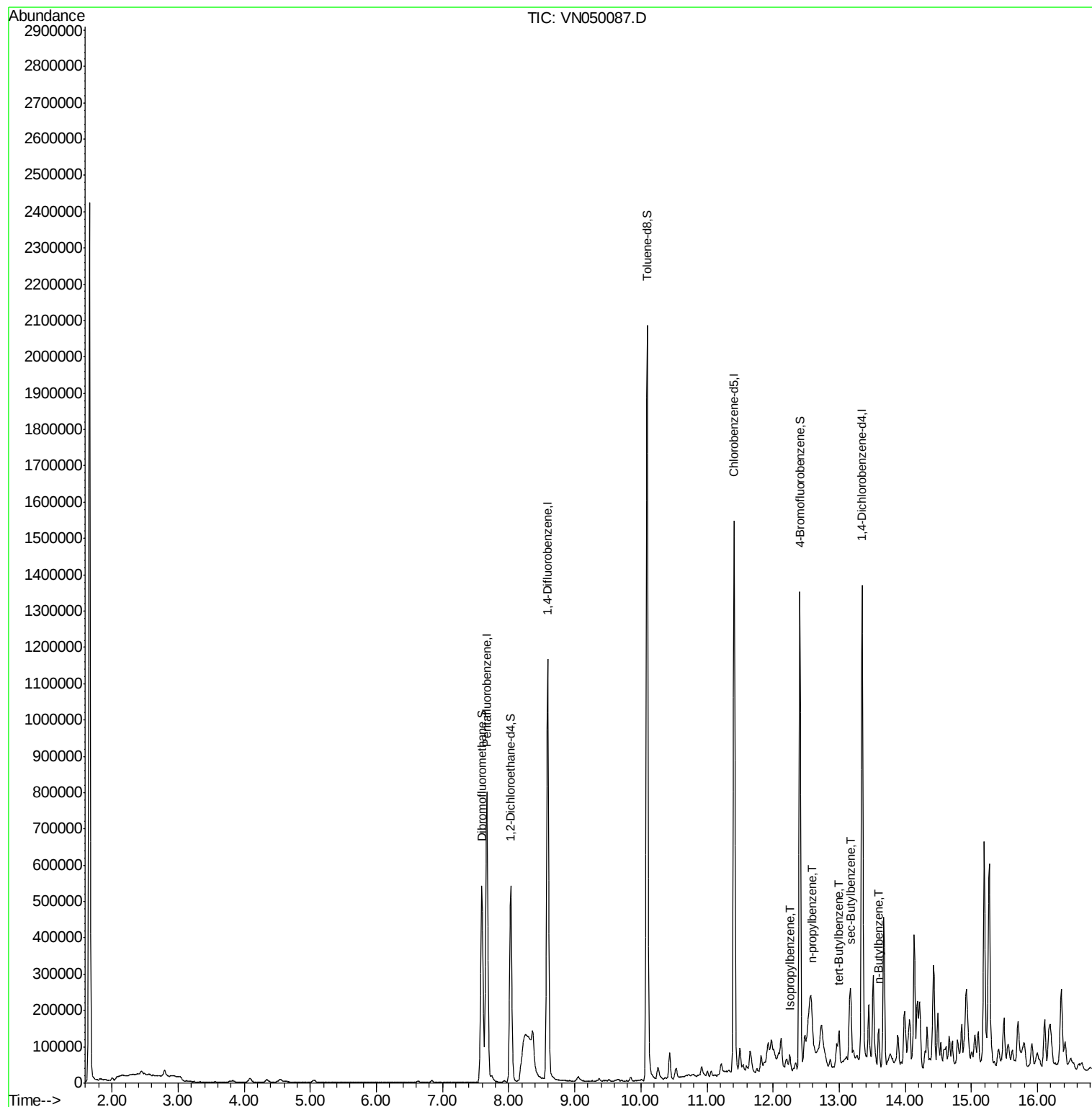
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	25315	0.89	ug/l	93
78) n-propylbenzene	12.59	91	15831	0.50	ug/l	94
83) tert-Butylbenzene	13.00	119	42395	2.17	ug/l	95
85) sec-Butylbenzene	13.17	105	123334	4.71	ug/l #	60
89) n-Butylbenzene	13.60	91	19581	1.08	ug/l #	33

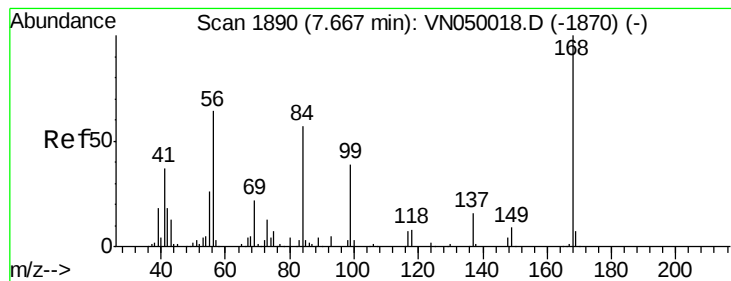
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

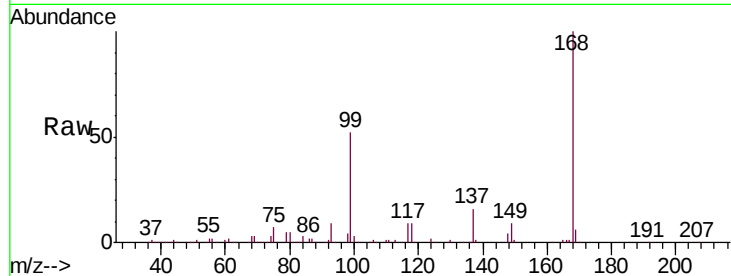
MW-15

Tot Ion:168 Resp: 681331

Ion Ratio Lower Upper

168 100

99 51.7 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

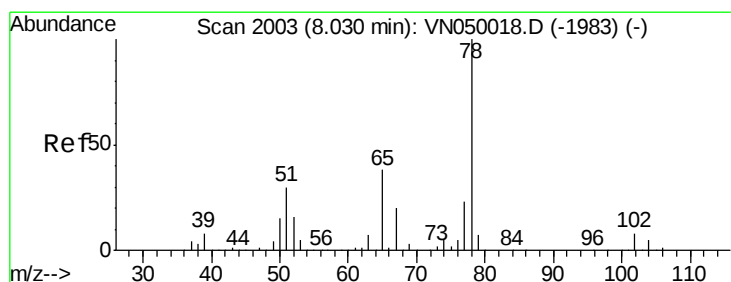
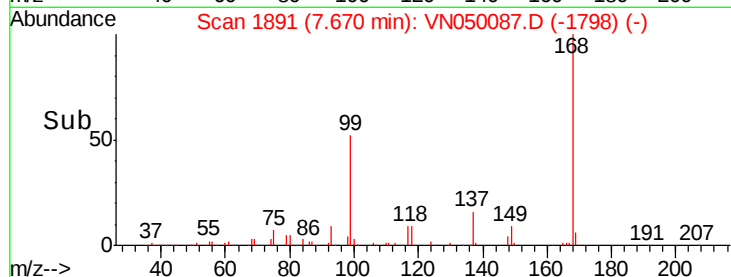
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050087.D

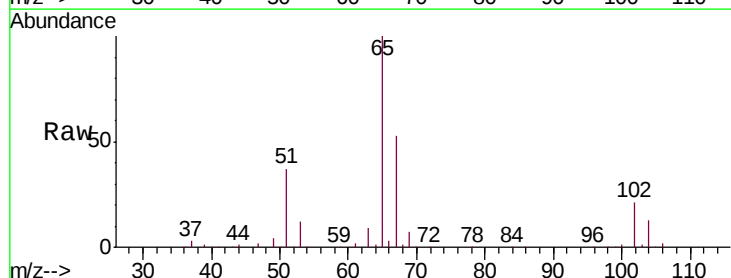
Acq: 26 Jul 2018 17:16

Tgt Ion: 65 Resp: 469855

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

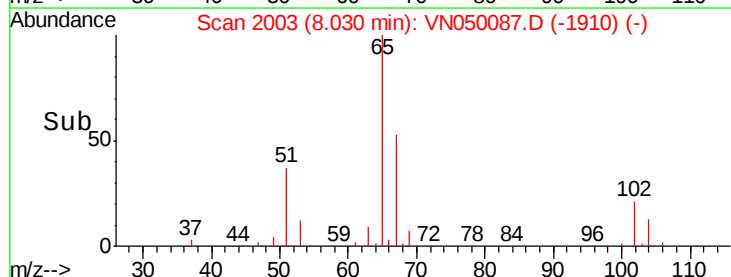
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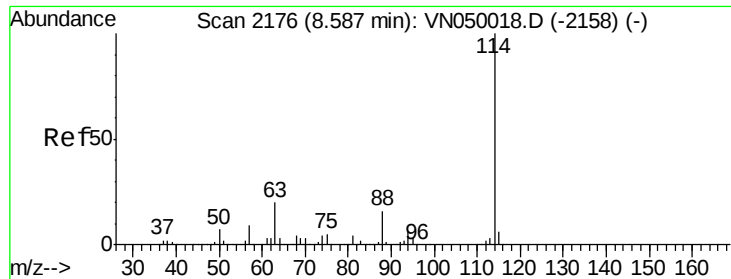
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50000

0

Time-->

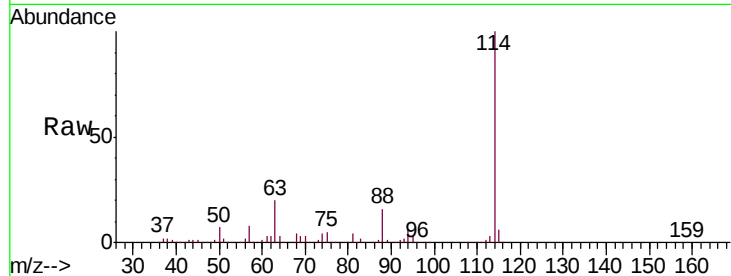




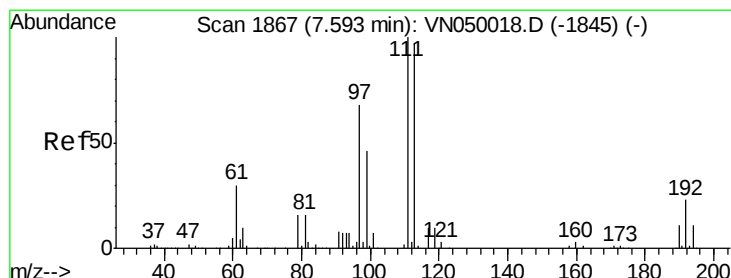
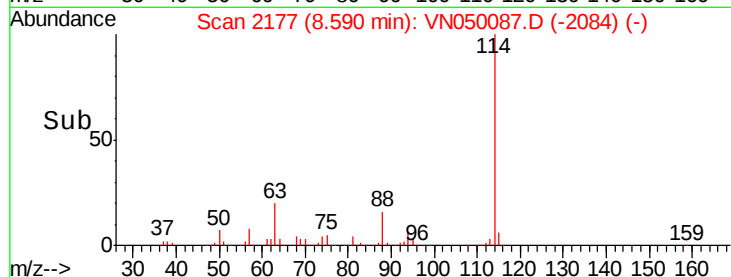
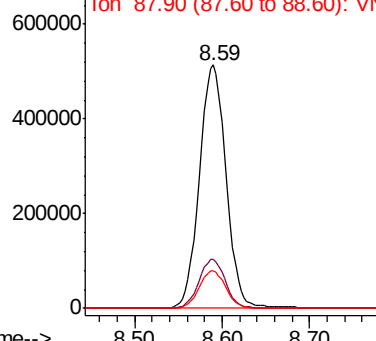
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Tot Ion:114 Resp: 1089628
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.6 0.0 31.2

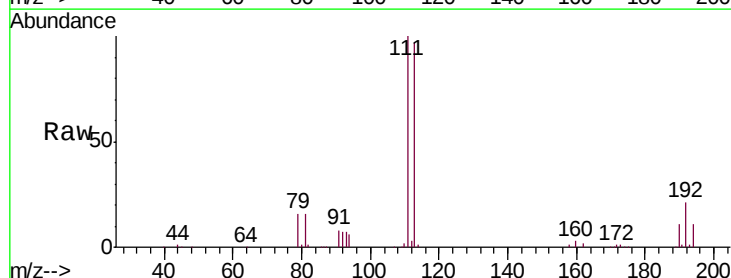


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

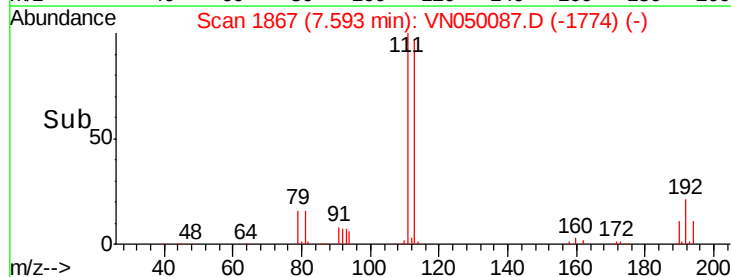
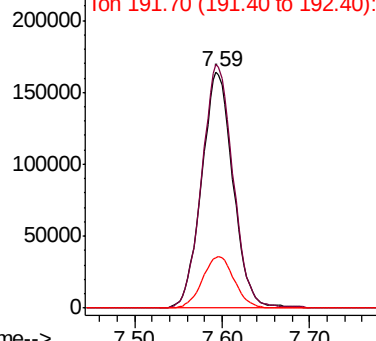


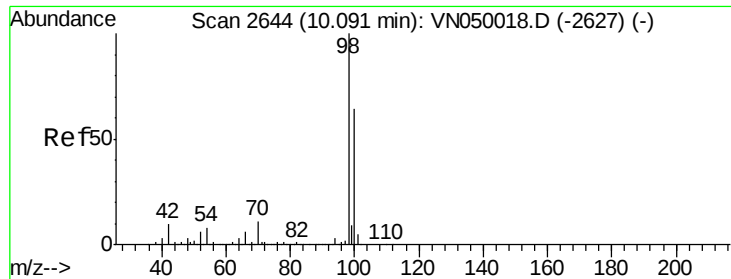
#35
Dibromofluoromethane
Concen: 46.02 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion:113 Resp: 409375
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
192 22.1 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: 46.02 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

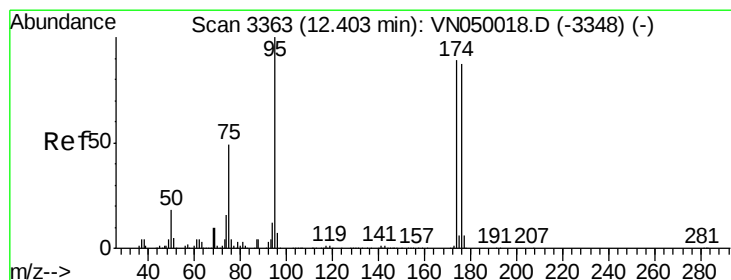
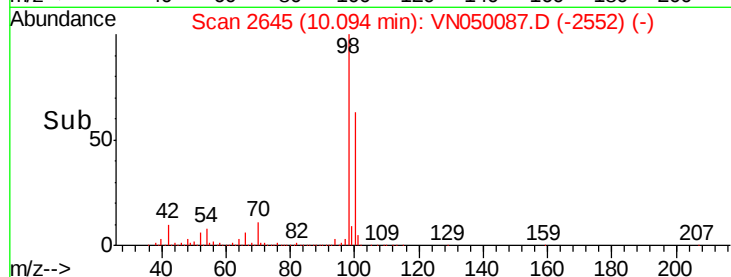
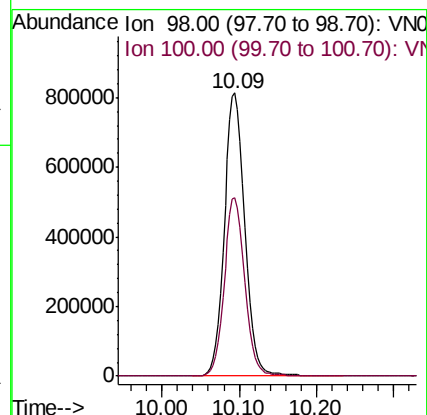
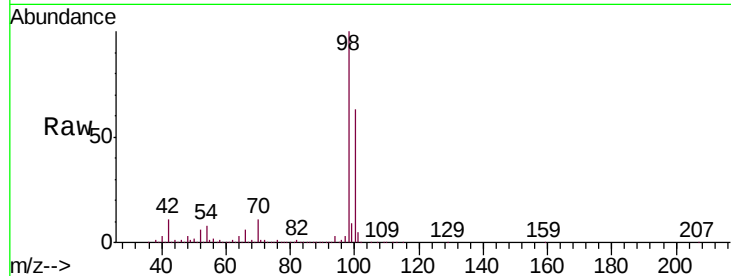
MW-15

Tot Ion: 98 Resp: 1505290

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 41.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

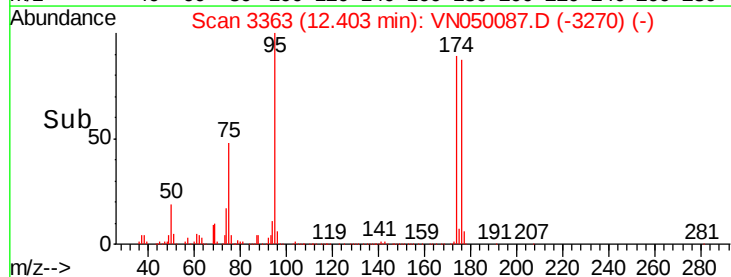
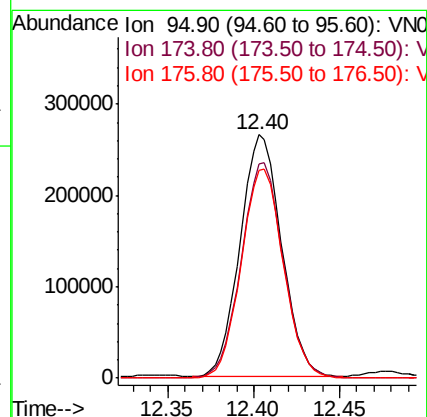
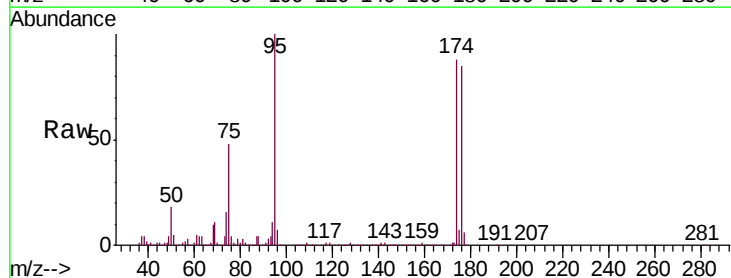
Tgt Ion: 95 Resp: 443784

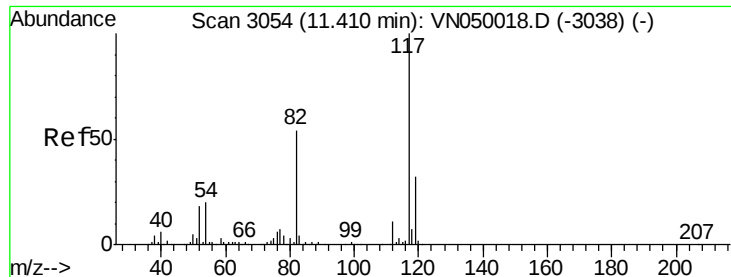
Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.2

176 87.7 0.0 173.4

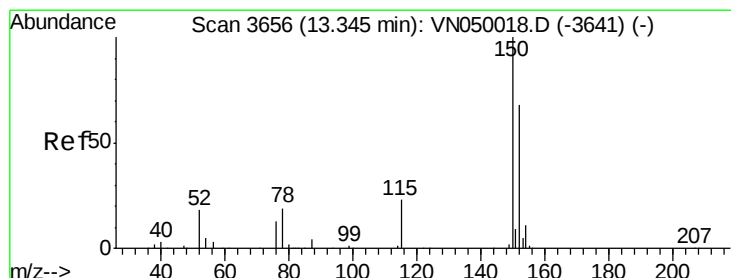
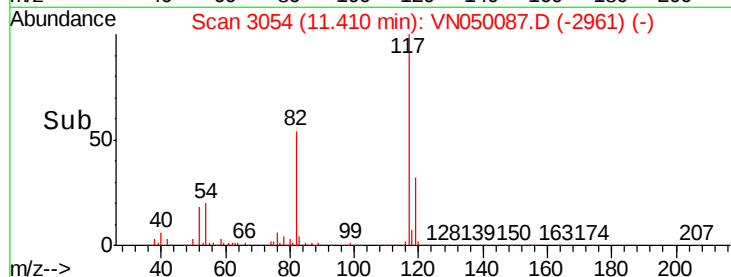
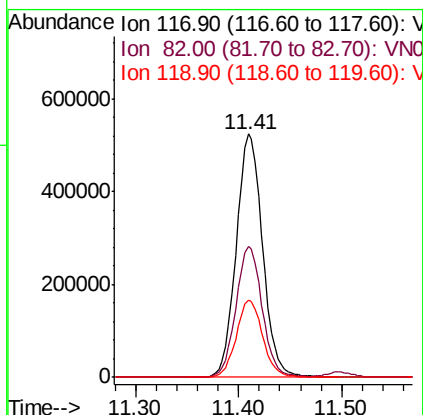
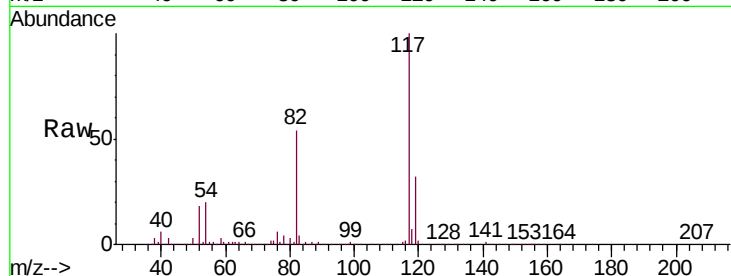




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

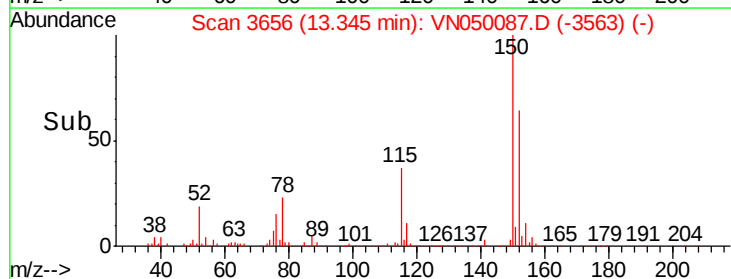
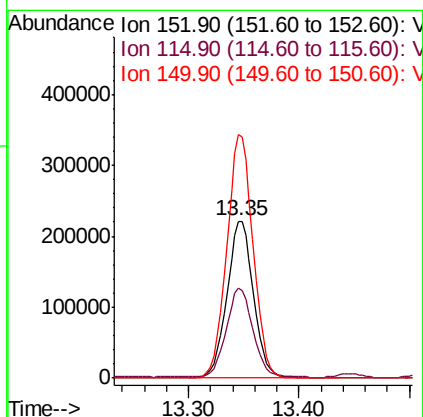
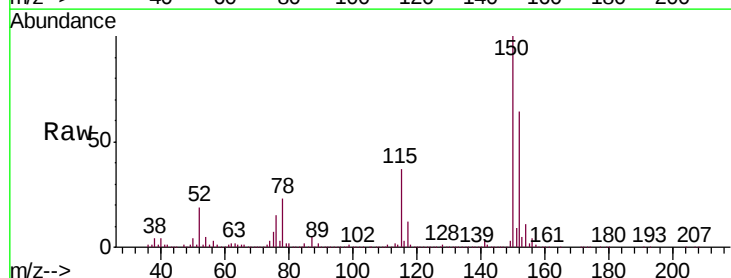
Instrument :
MSVOA_N
ClientSampleId :
MW-15

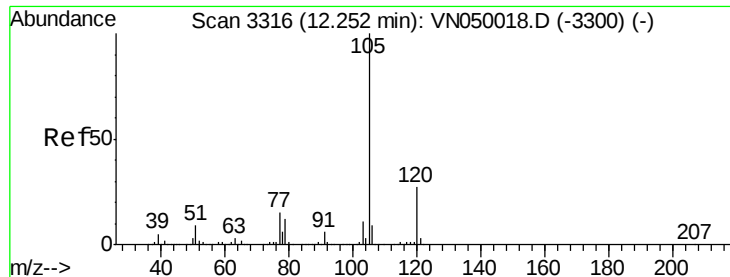
Tot Ion:117 Resp: 930103
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion:152 Resp: 367728
Ion Ratio Lower Upper
152 100
115 57.8 27.8 83.3
150 153.1 0.0 348.6





#73

Isopropylbenzene

Concen: 0.89 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

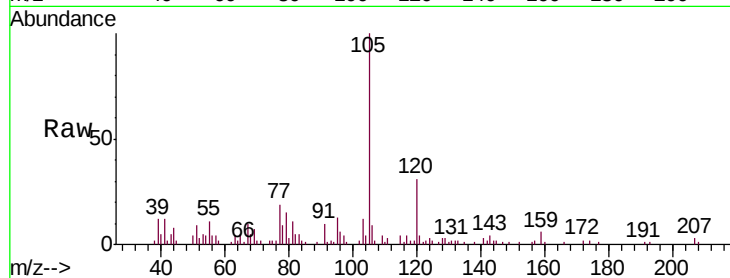
MW-15

Tot Ion:105 Resp: 25315

Ion Ratio Lower Upper

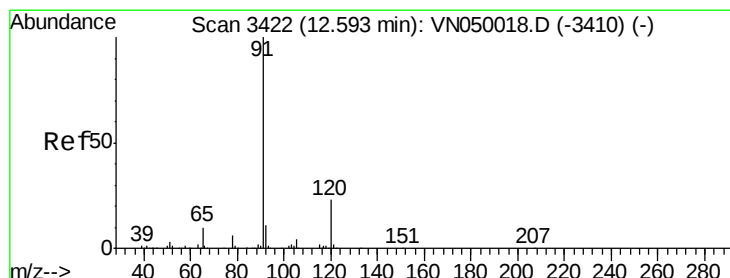
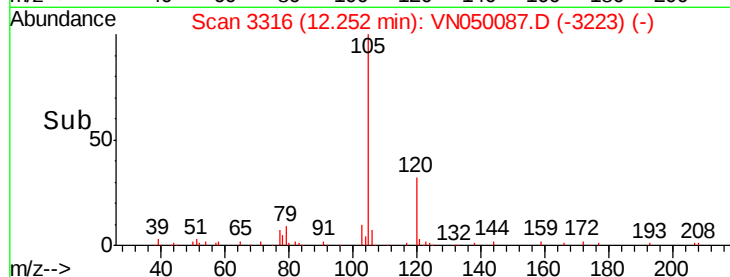
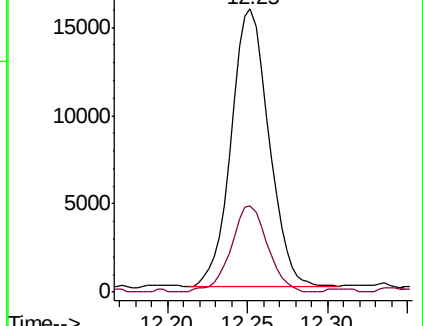
105 100

120 30.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.50 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050087.D

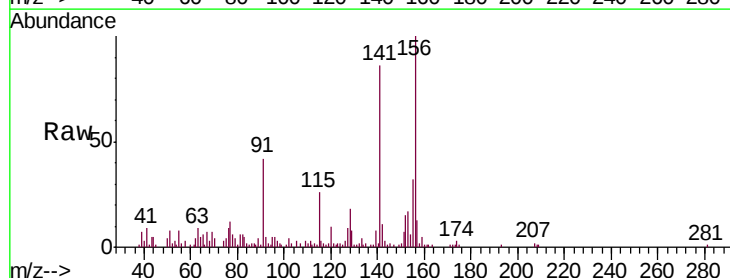
Acq: 26 Jul 2018 17:16

Tgt Ion: 91 Resp: 15831

Ion Ratio Lower Upper

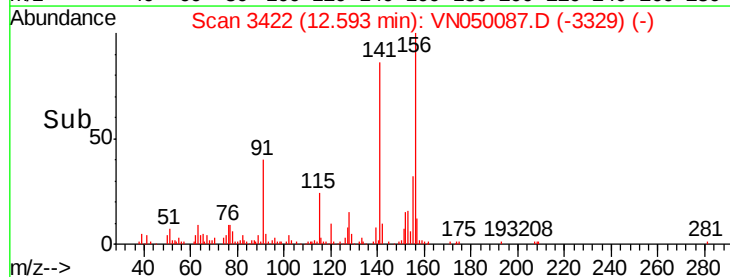
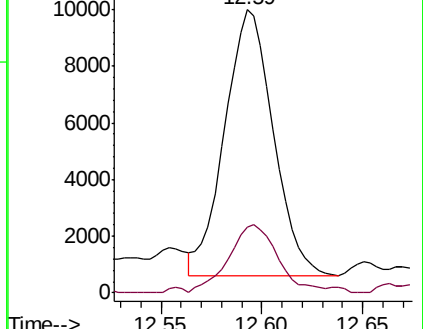
91 100

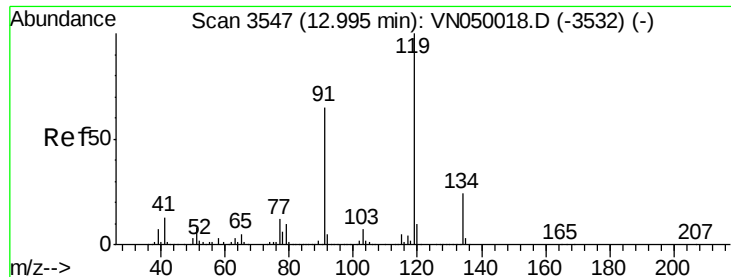
120 26.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

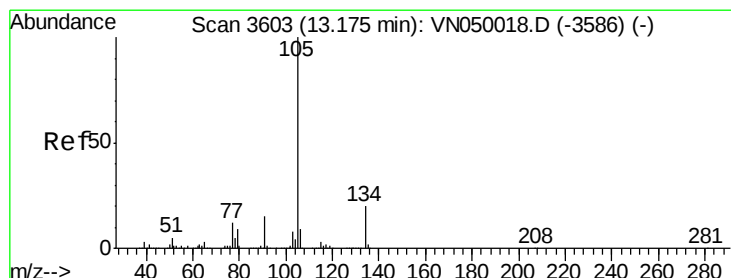
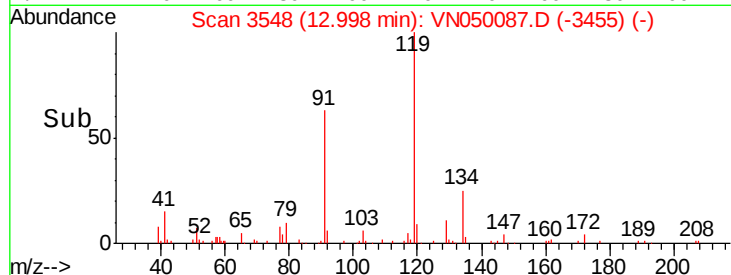
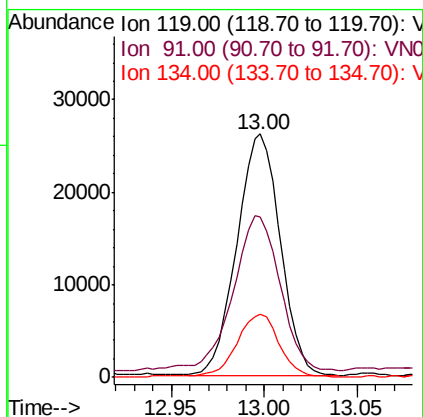
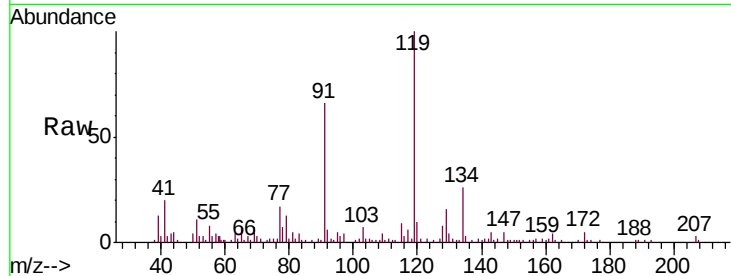




#83
tert-Butylbenzene
Concen: 2.17 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

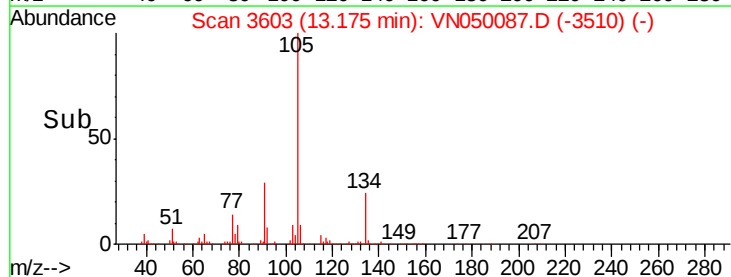
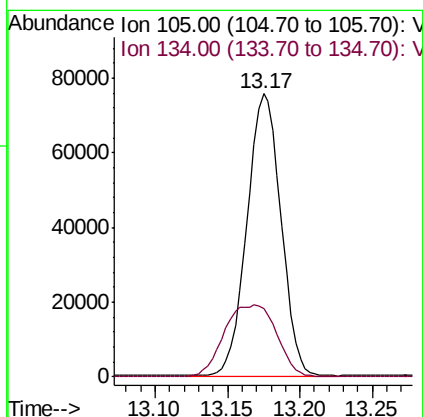
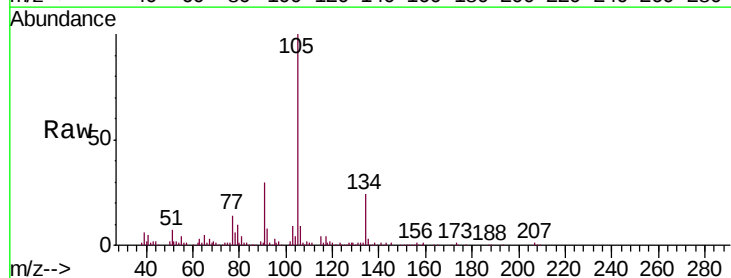
Instrument :
MSVOA_N
ClientSampled :
MW-15

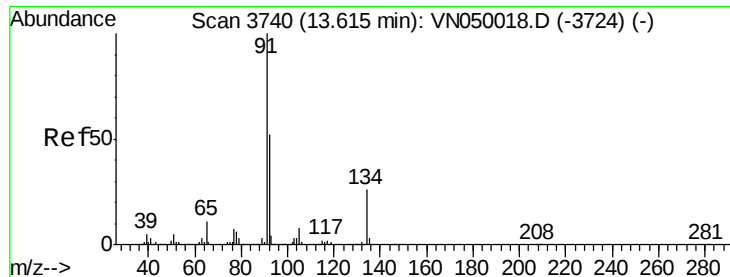
Tot Ion:119 Resp: 42395
Ion Ratio Lower Upper
119 100
91 70.1 32.1 96.3
134 26.2 13.2 39.5



#85
sec-Butylbenzene
Concen: 4.71 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion:105 Resp: 123334
Ion Ratio Lower Upper
105 100
134 38.5 10.1 30.1#





#89

n-Butylbenzene

Concen: 1.08 ug/l

RT: 13.60 min Scan# 3734

Delta R.T. -0.02 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

MW-15

Tot Ion: 91 Resp: 19581

Ion Ratio Lower Upper

91 100

92 29.7 25.8 77.4

134 96.3 12.8 38.4#

