

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059990.D
 Acq On : 4 Feb 2020 13:27
 Operator : JC/MD
 Sample : L1346-05
 Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PD-3-(35-37)

Quant Time: Feb 05 05:01:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	310523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163265	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	112927	51.16	ug/l	0.00
Spiked Amount						
			Recovery	=	102.32%	
35) Dibromofluoromethane	7.56	113	90711	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	
50) Toluene-d8	10.08	98	425851	59.35	ug/l	0.00
Spiked Amount						
			Recovery	=	118.70%	
62) 4-Bromofluorobenzene	12.40	95	168682	65.22	ug/l	0.00
Spiked Amount						
			Recovery	=	130.44%	

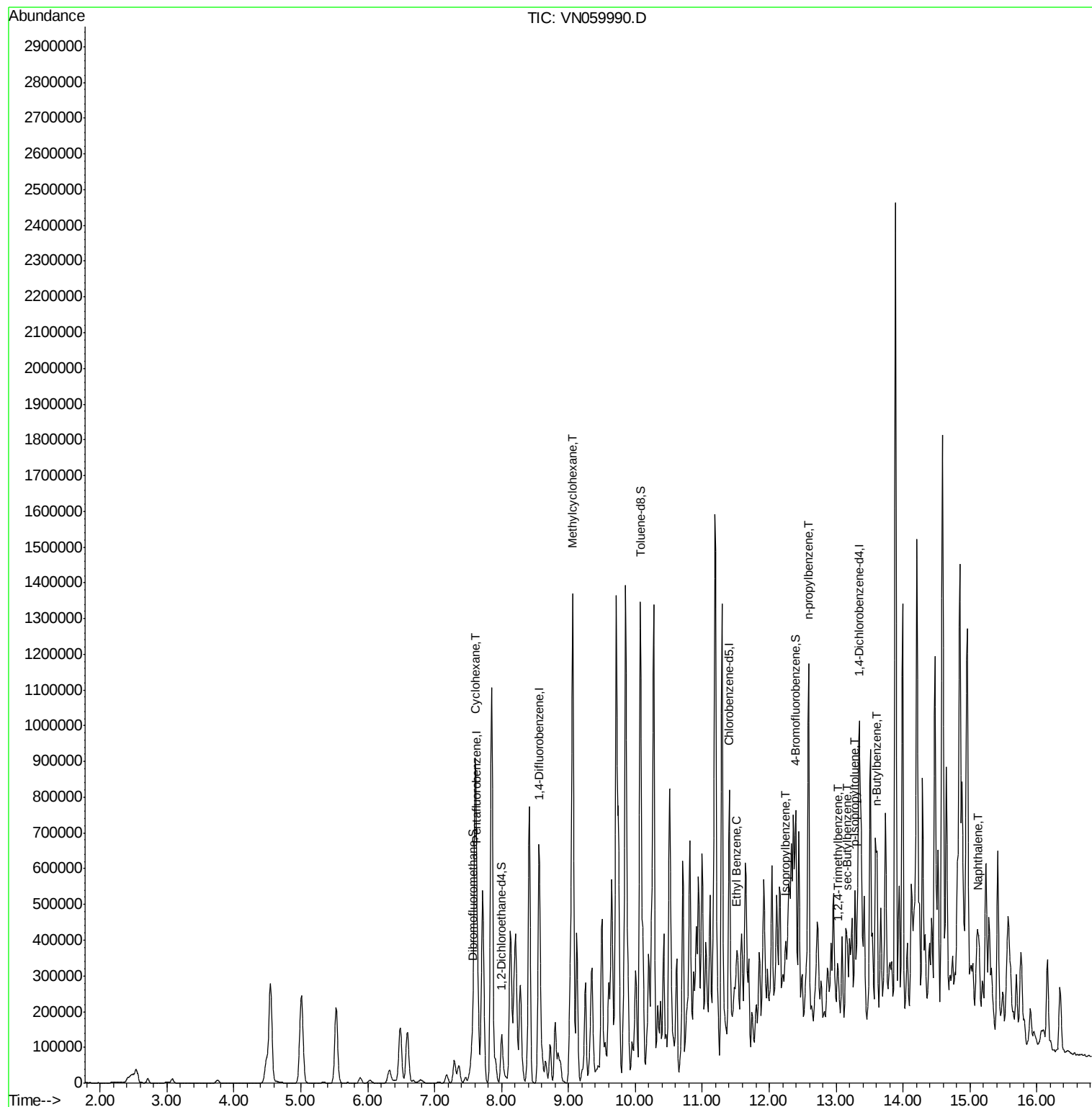
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.61	56	195222	59.773	ug/l #	55
39) Methylcyclohexane	9.06	83	530879	159.218	ug/l	96
67) Ethyl Benzene	11.51	91	17961	1.640	ug/l	100
73) Isopropylbenzene	12.25	105	124695	10.414	ug/l	100
78) n-propylbenzene	12.59	91	763455	56.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	21896	2.198	ug/l	94
85) sec-Butylbenzene	13.17	105	109536	9.573	ug/l #	52
86) p-Isopropyltoluene	13.28	119	28036	2.648	ug/l	97
89) n-Butylbenzene	13.61	91	266679	29.540	ug/l #	79
95) Naphthalene	15.13	128	117845	13.241	ug/l #	94

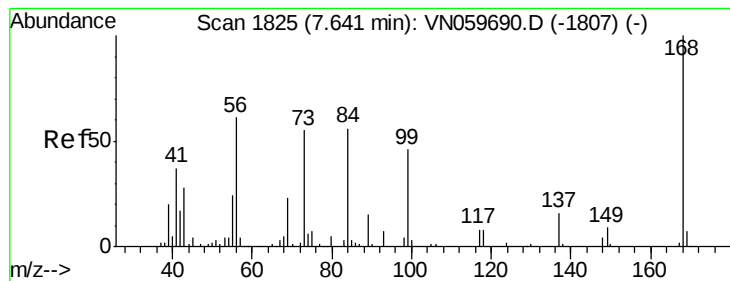
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020420\
Data File : VN059990.D
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PD-3-(35-37)

Quant Time: Feb 05 05:01:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

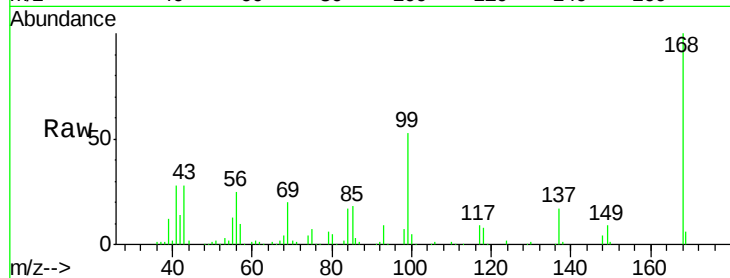
PD-3-(35-37)

Tot Ion:168 Resp: 198774

Ion Ratio Lower Upper

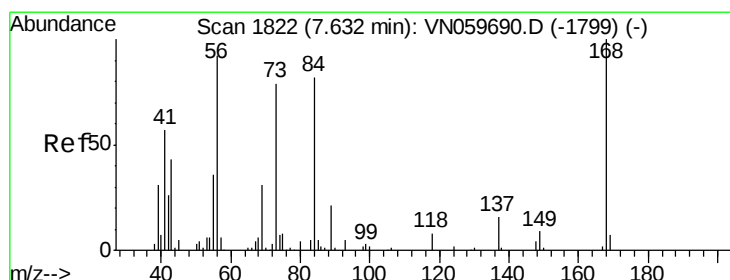
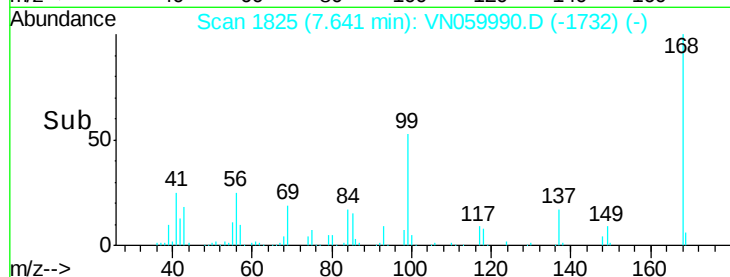
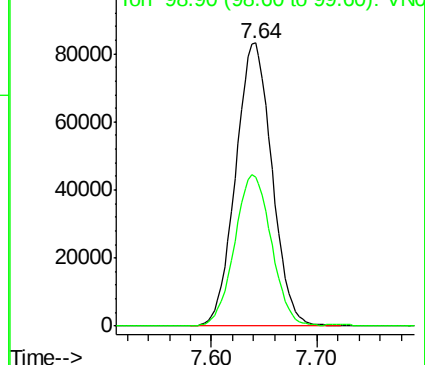
168 100

99 52.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 59.773 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.02 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

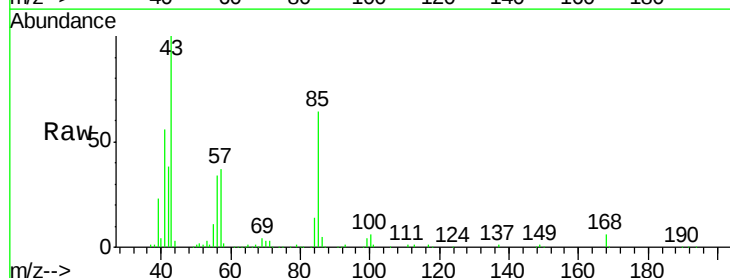
Tgt Ion: 56 Resp: 195222

Ion Ratio Lower Upper

56 100

69 7.0 26.5 39.7#

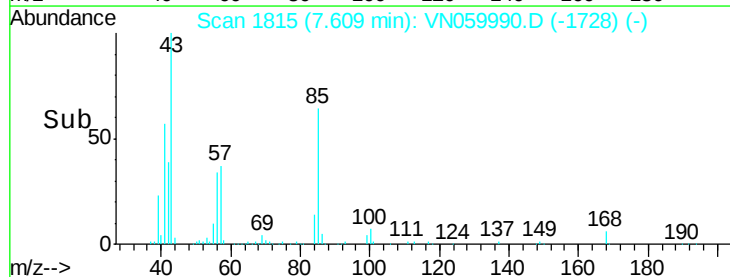
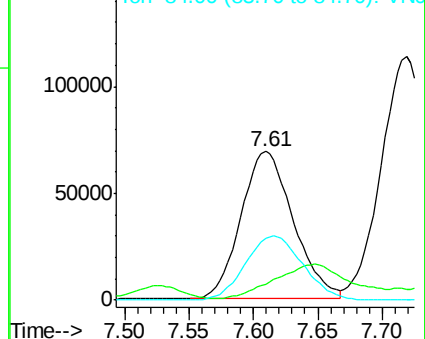
84 41.7 65.3 97.9#

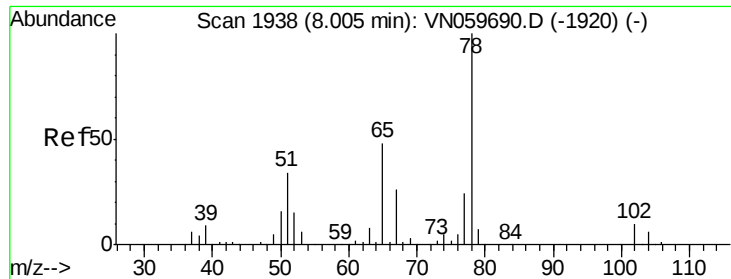


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

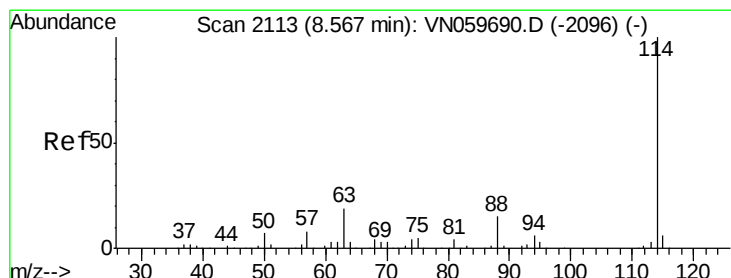
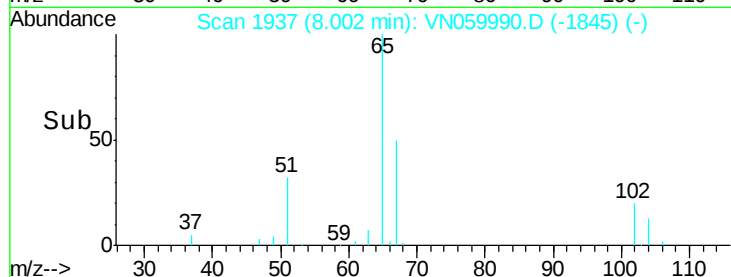
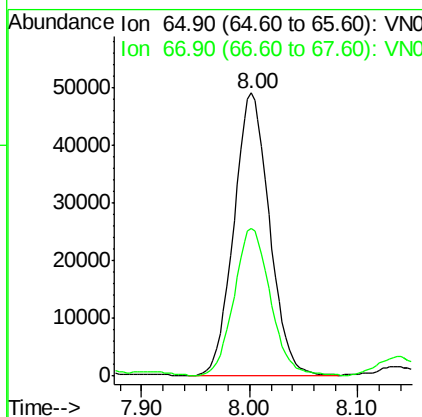
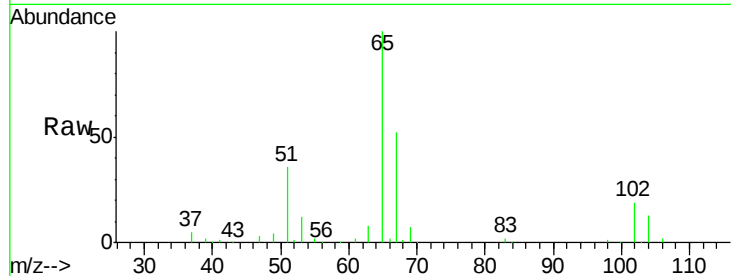




#33
 1,2-Dichloroethane-d4
 Concen: 51.158 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059990.D
 Acq: 4 Feb 2020 13:27

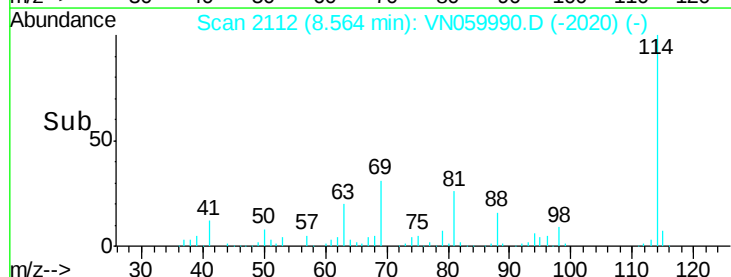
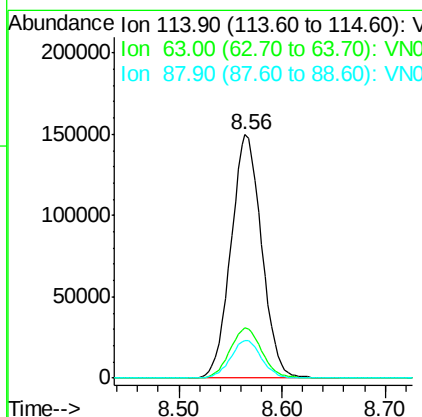
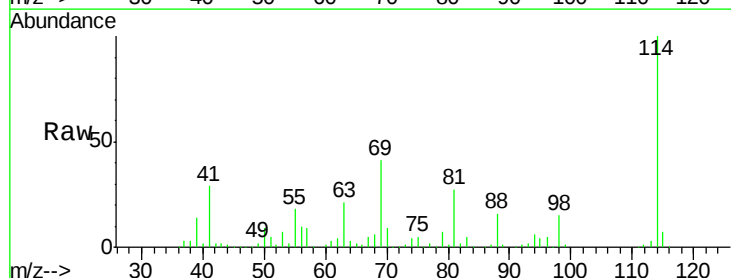
Instrument :
 MSVOA_N
 ClientSampled :
 PD-3-(35-37)

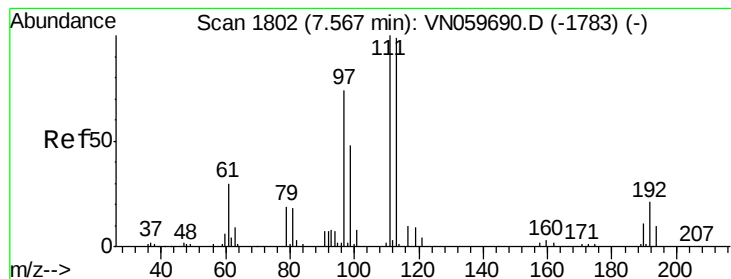
Tot Ion: 65 Resp: 112927
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059990.D
 Acq: 4 Feb 2020 13:27

Tgt Ion: 114 Resp: 310523
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.986 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

PD-3-(35-37)

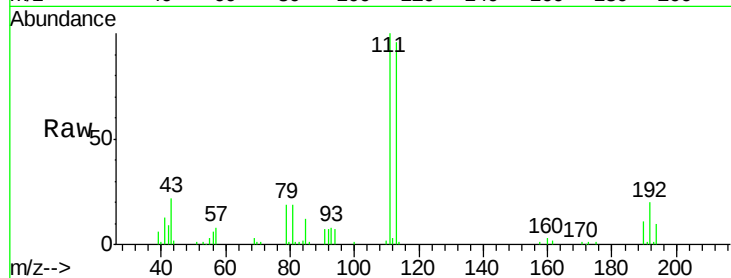
Tot Ion:113 Resp: 90711

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

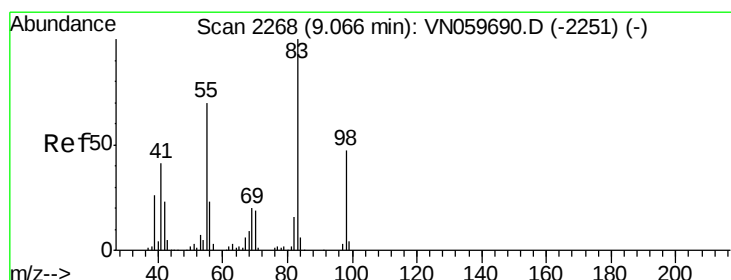
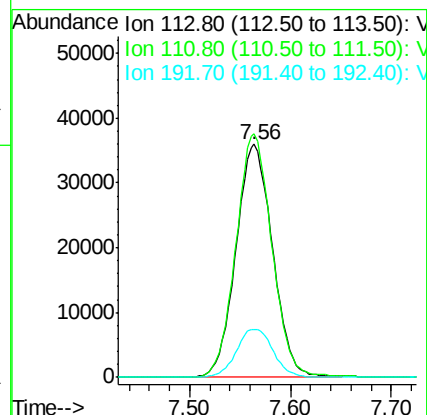
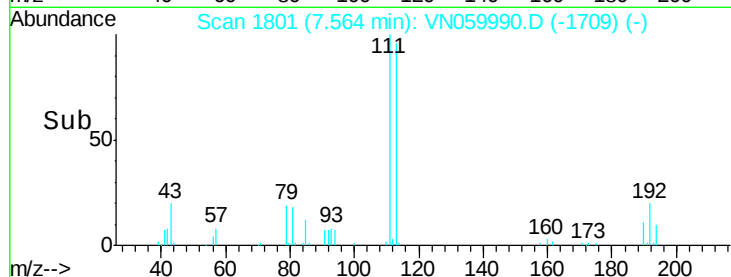
192 20.6 15.4 23.2



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



#39

Methylcyclohexane

Concen: 159.218 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

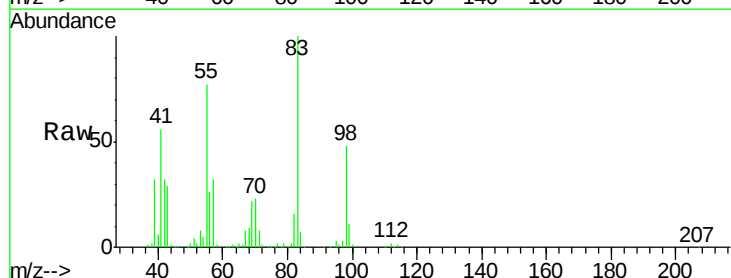
Tgt Ion: 83 Resp: 530879

Ion Ratio Lower Upper

83 100

55 76.7 64.2 96.2

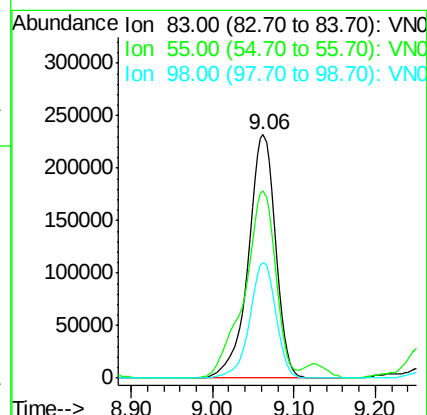
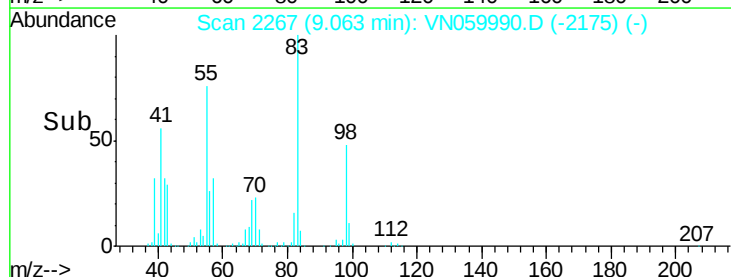
98 47.7 35.9 53.9

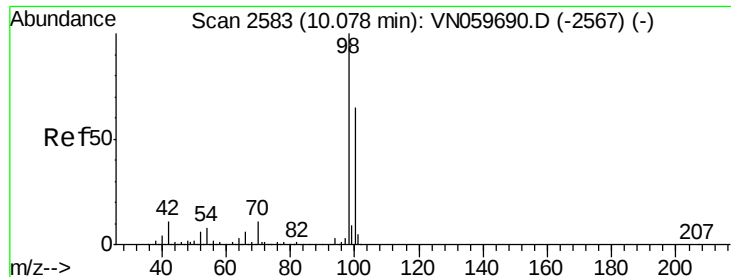


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: 59.354 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

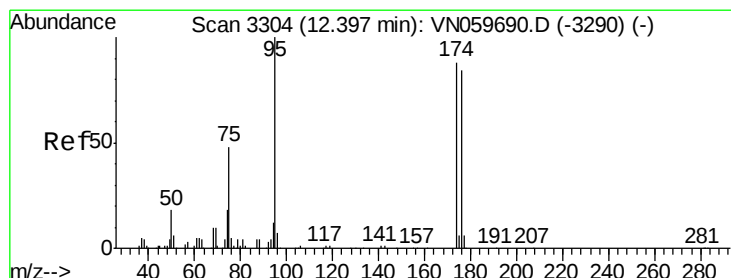
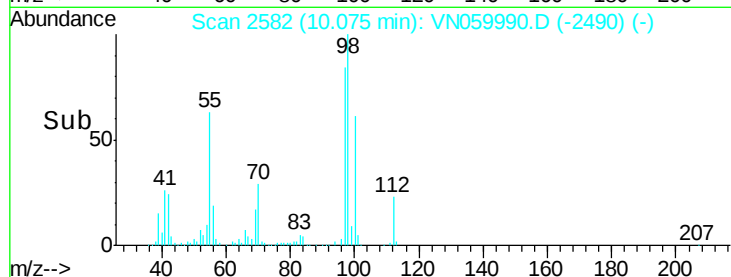
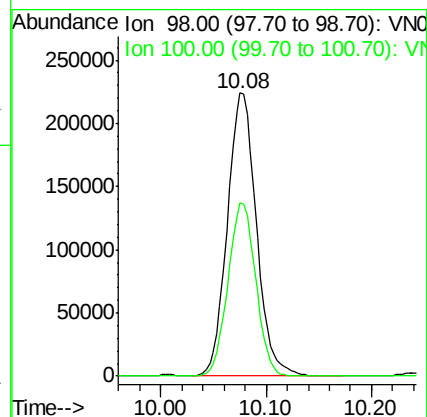
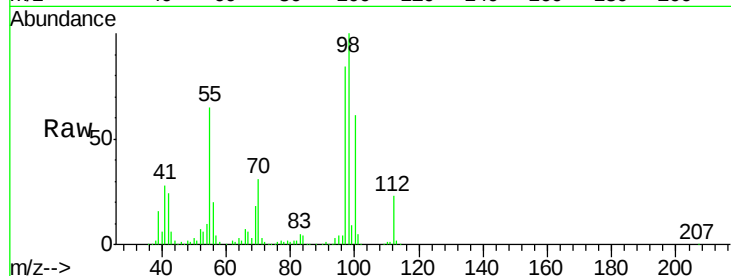
PD-3-(35-37)

Tot Ion: 98 Resp: 425851

Ion Ratio Lower Upper

98 100

100 58.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 65.217 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

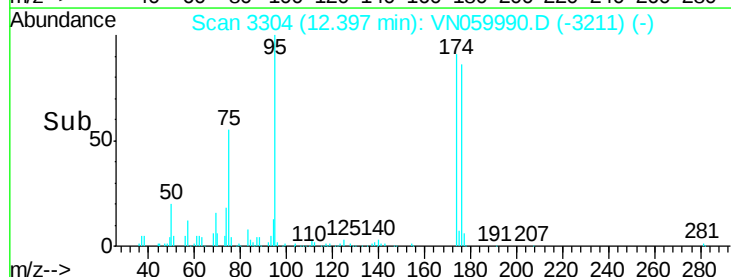
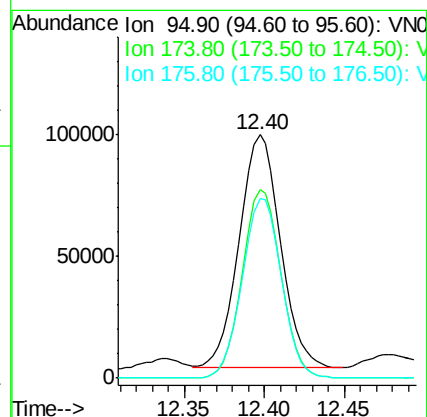
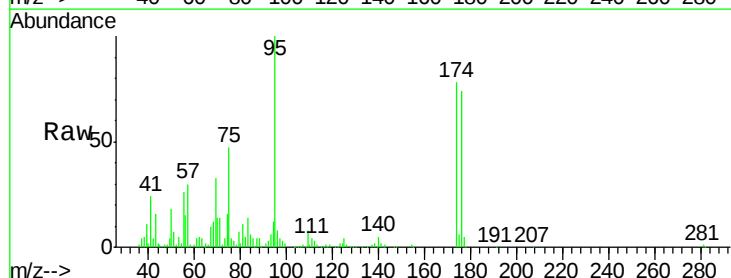
Tgt Ion: 95 Resp: 168682

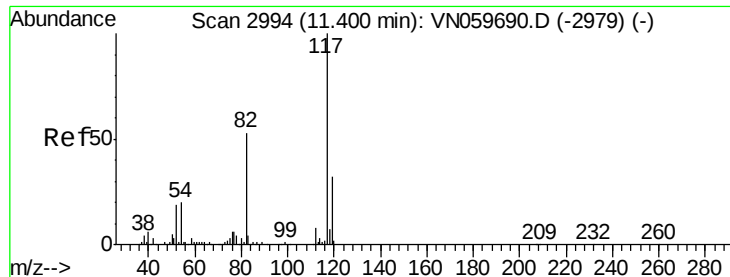
Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.4

176 73.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

PD-3-(35-37)

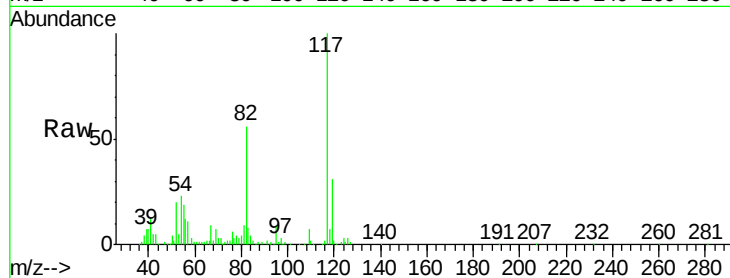
Tot Ion:117 Resp: 306912

Ion Ratio Lower Upper

117 100

82 52.0 45.9 68.9

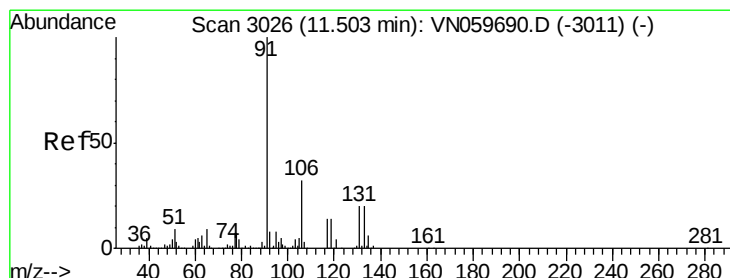
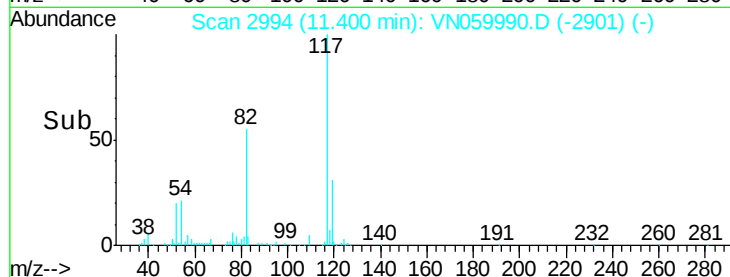
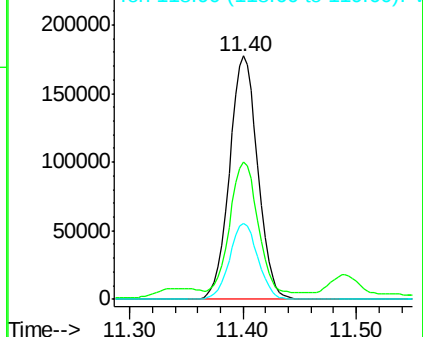
119 31.2 25.5 38.3



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



#67

Ethyl Benzene

Concen: 1.640 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059990.D

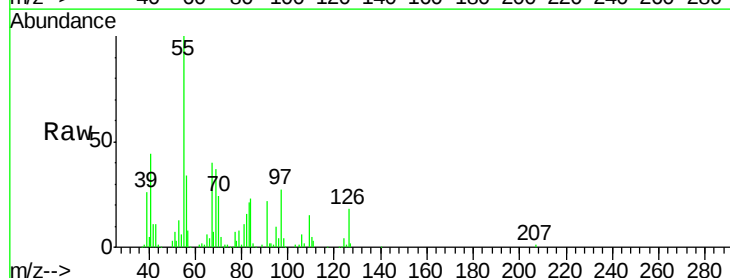
Acq: 4 Feb 2020 13:27

Tgt Ion: 91 Resp: 17961

Ion Ratio Lower Upper

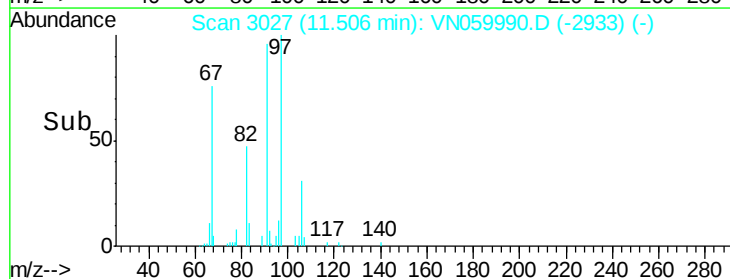
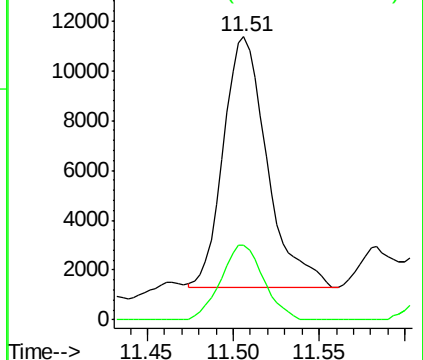
91 100

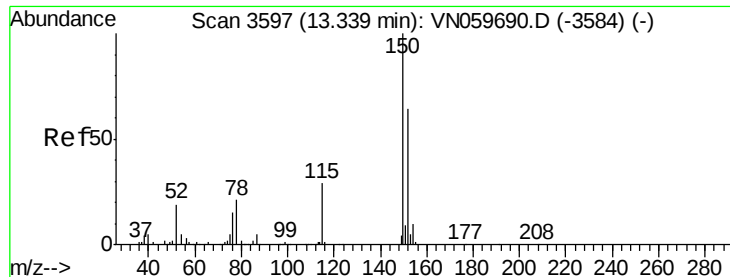
106 30.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

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PD-3-(35-37)

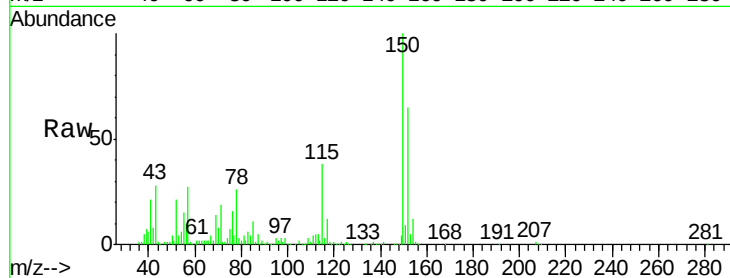
Tot Ion:152 Resp: 163265

Ion Ratio Lower Upper

152 100

115 64.6 30.3 90.9

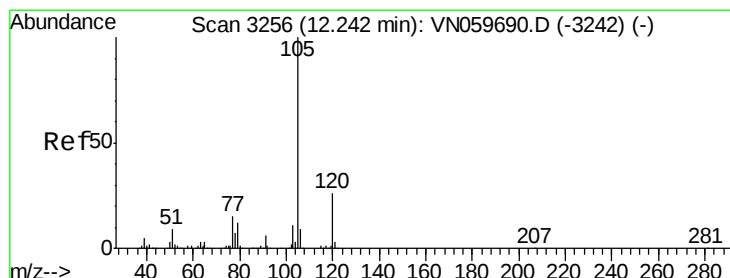
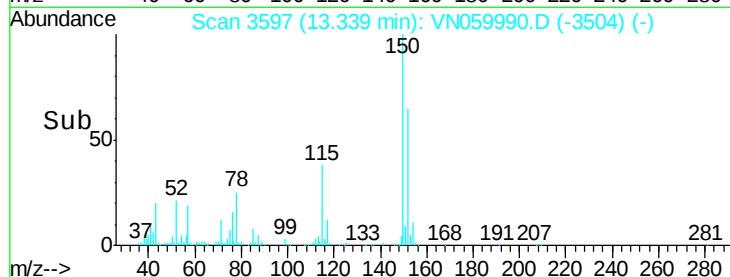
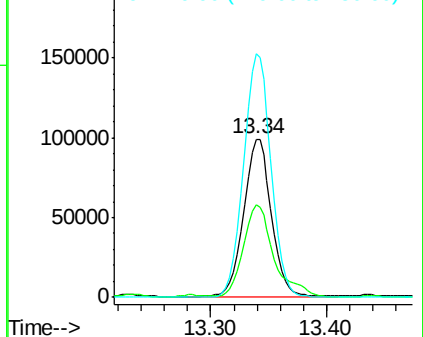
150 154.2 0.0 345.2



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



#73

Isopropylbenzene

Concen: 10.414 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059990.D

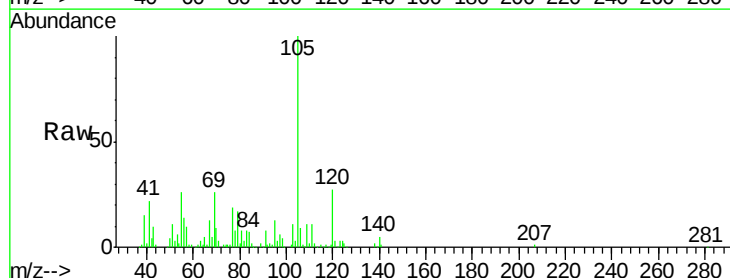
Acq: 4 Feb 2020 13:27

Tgt Ion:105 Resp: 124695

Ion Ratio Lower Upper

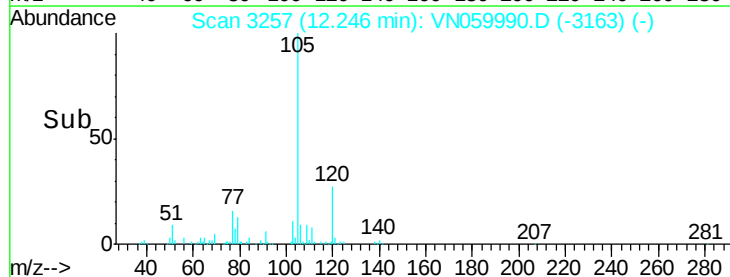
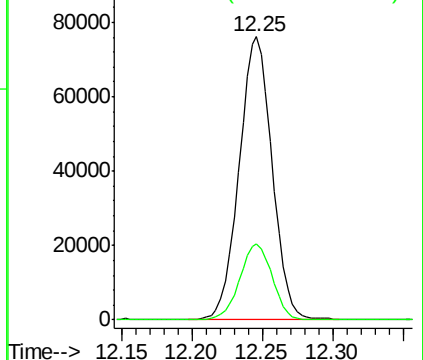
105 100

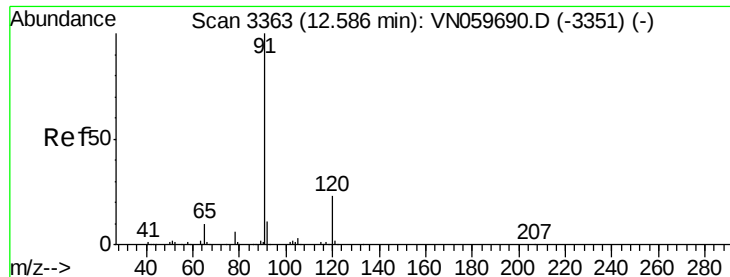
120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 56.807 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

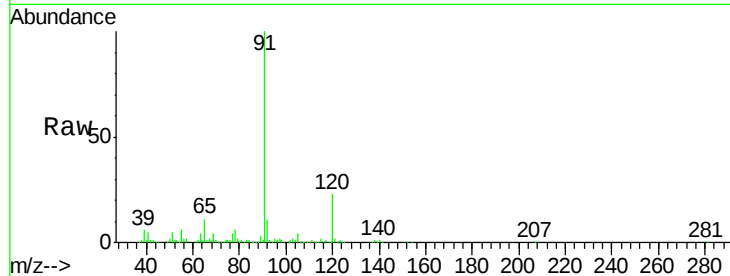
PD-3-(35-37)

Tot Ion: 91 Resp: 763455

Ion Ratio Lower Upper

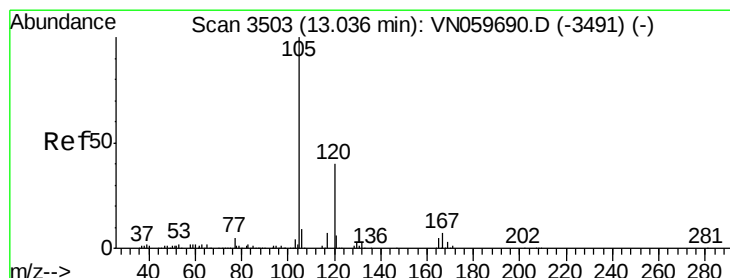
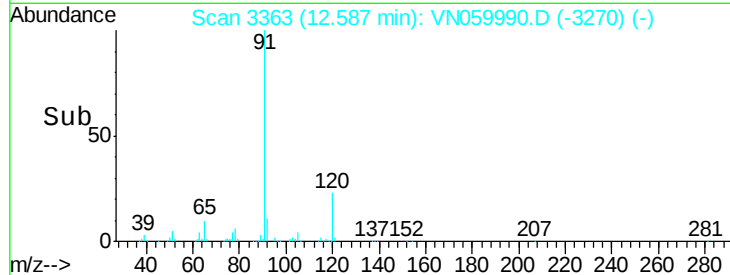
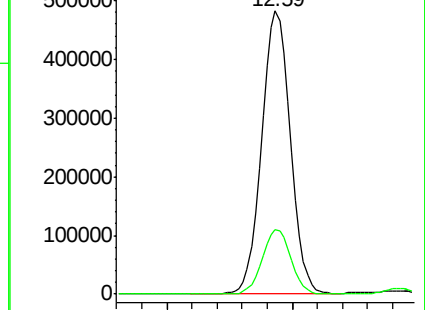
91 100

120 22.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN059990.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN059990.D (-3351) (-)



#84

1,2,4-Trimethylbenzene

Concen: 2.198 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059990.D

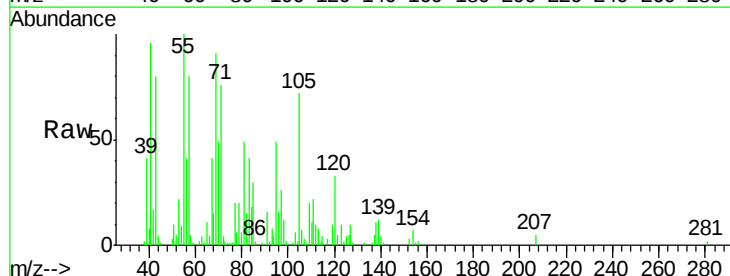
Acq: 4 Feb 2020 13:27

Tgt Ion: 105 Resp: 21896

Ion Ratio Lower Upper

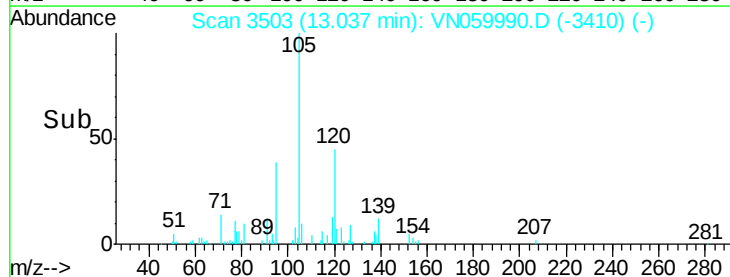
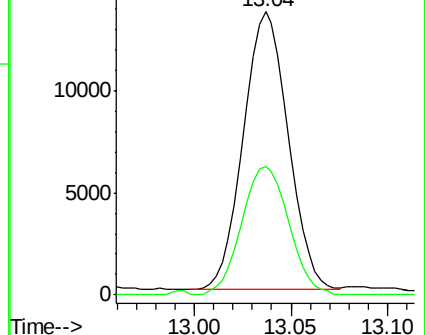
105 100

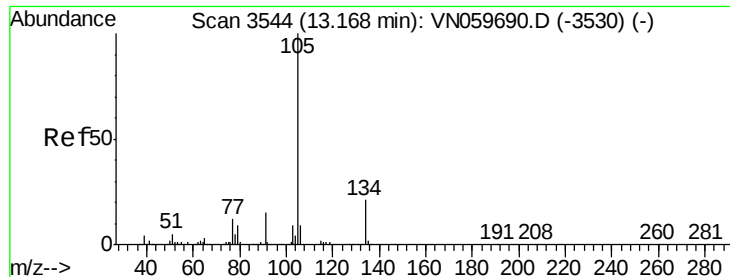
120 48.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VN059990.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN059990.D (-3491) (-)





#85

sec-Butylbenzene

Concen: 9.573 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

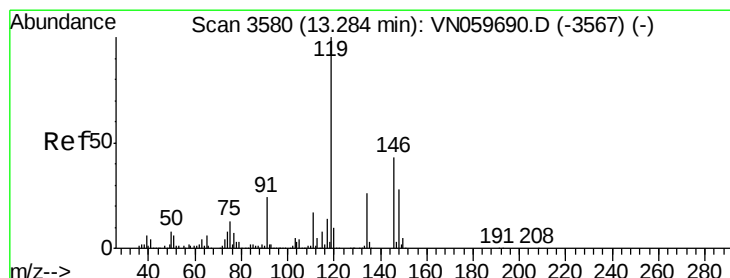
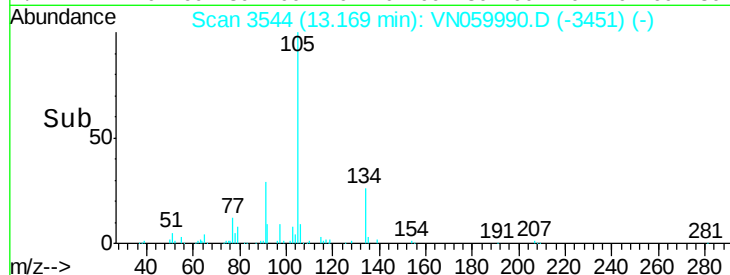
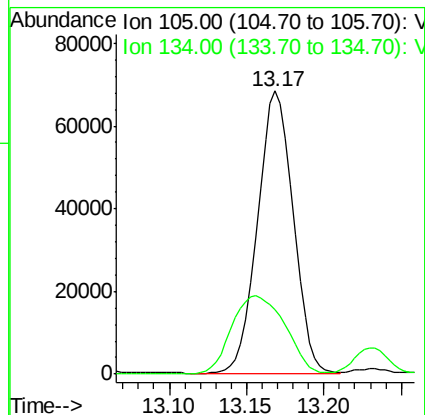
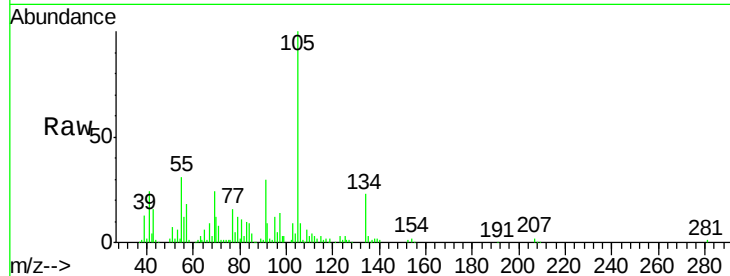
PD-3-(35-37)

Tot Ion:105 Resp: 109536

Ion Ratio Lower Upper

105 100

134 41.6 9.8 29.5#



#86

p-Isopropyltoluene

Concen: 2.648 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059990.D

Acq: 4 Feb 2020 13:27

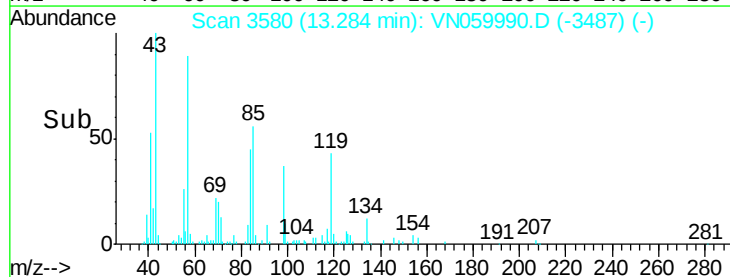
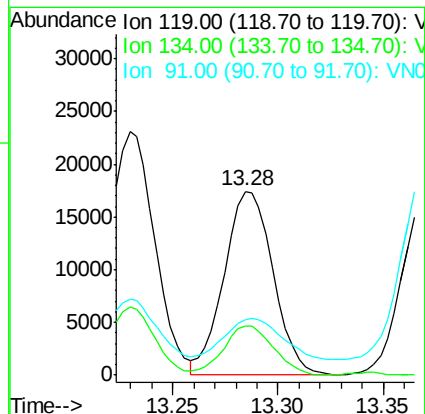
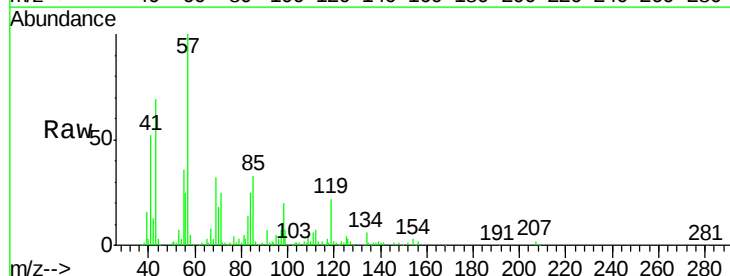
Tgt Ion:119 Resp: 28036

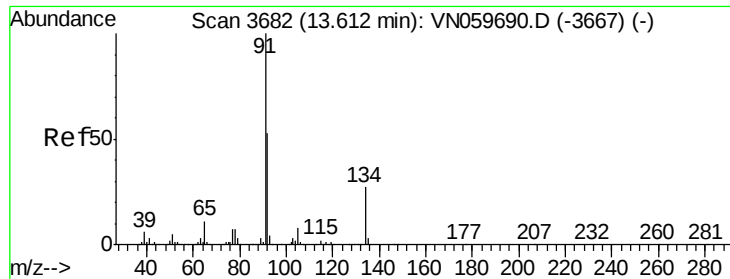
Ion Ratio Lower Upper

119 100

134 27.3 12.9 38.7

91 26.1 12.4 37.4

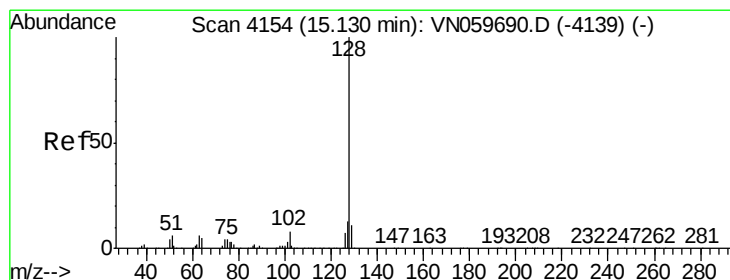
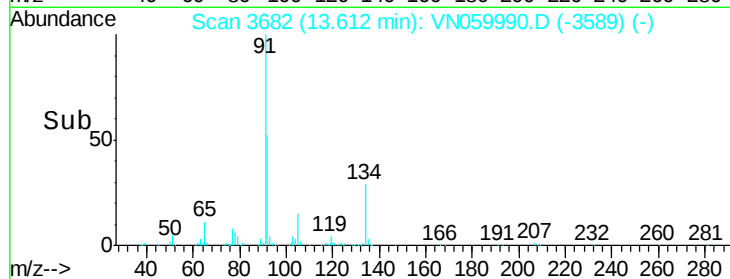
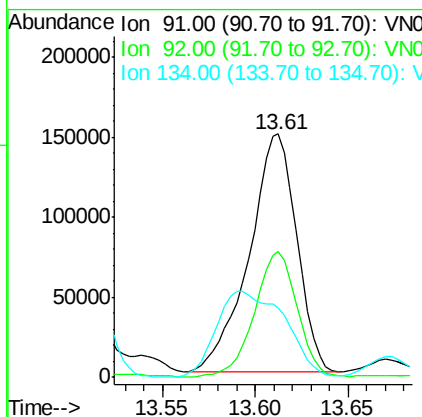
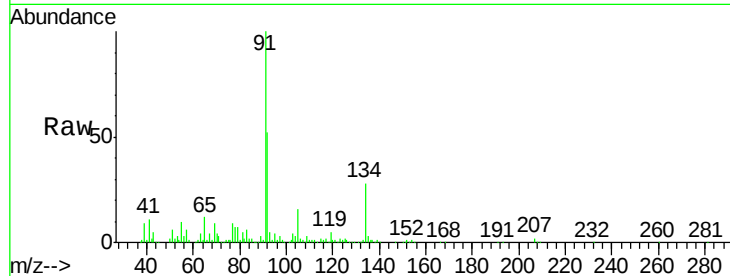




#89
n-Butylbenzene
Concen: 29.540 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059990.D
Acq: 4 Feb 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :
PD-3-(35-37)

Tot Ion: 91 Resp: 266679
Ion Ratio Lower Upper
91 100
92 46.7 25.9 77.7
134 0.0 12.3 36.8#



#95
Naphthalene
Concen: 13.241 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059990.D
Acq: 4 Feb 2020 13:27

Tgt Ion: 128 Resp: 117845
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 14.6 8.6 12.8#

