

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059978.D
 Acq On : 3 Feb 2020 16:34
 Operator : JC/MD
 Sample : L1346-02 40X
 Misc : 5.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PD-2-(28-29)

Quant Time: Feb 04 08:12:06 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	197146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	301893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141072	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	112166	51.23	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.57	113	90840	50.46	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.08	98	374052	53.62	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	137484	54.67	ug/l	0.00
Spiked Amount						

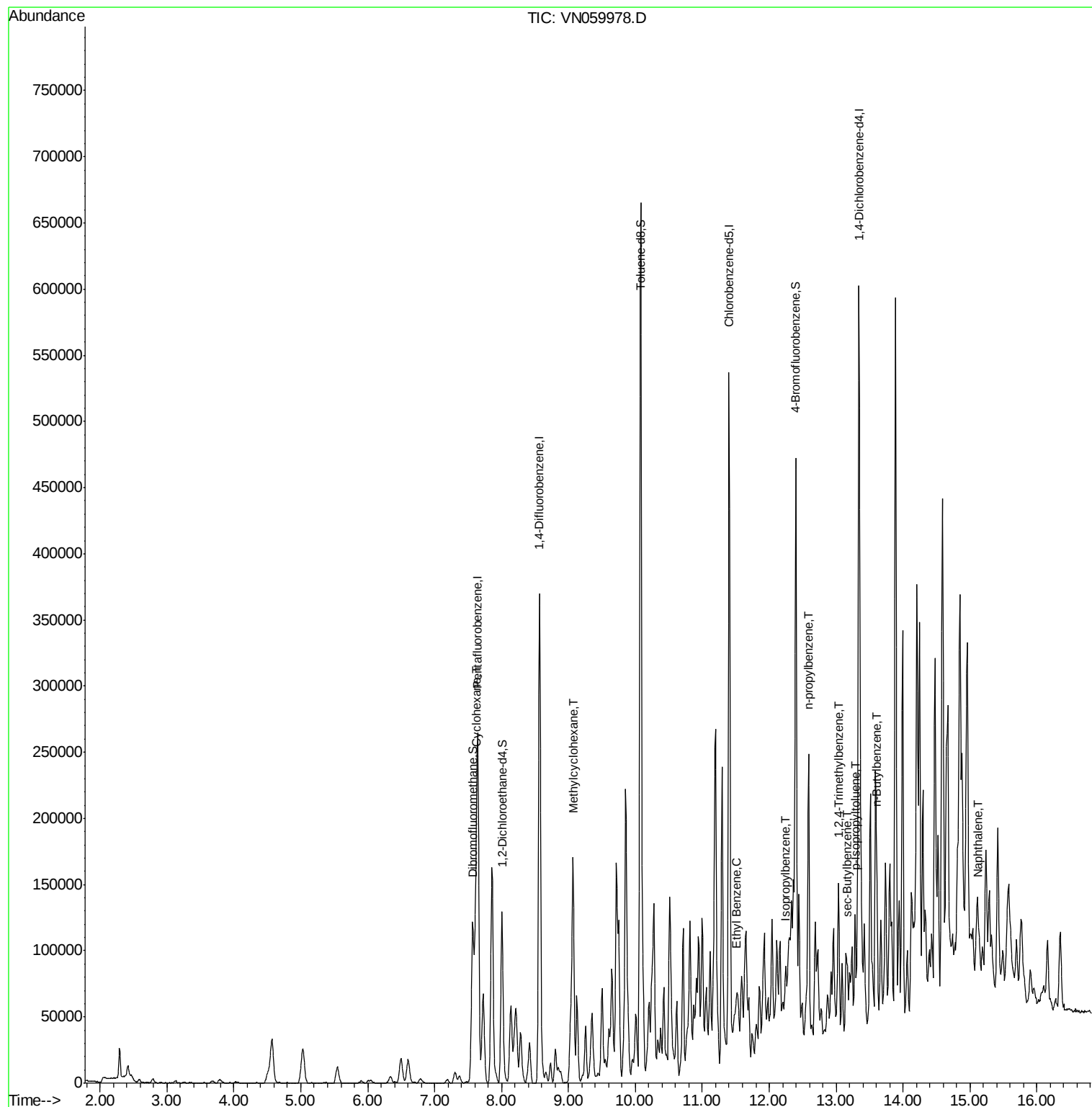
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.62	56	30039	9.273	ug/l #	61
39) Methylcyclohexane	9.06	83	62269	19.209	ug/l	98
67) Ethyl Benzene	11.51	91	6136	0.611	ug/l	91
73) Isopropylbenzene	12.25	105	31111	3.007	ug/l	100
78) n-propylbenzene	12.59	91	166470	14.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	55096	6.400	ug/l	100
85) sec-Butylbenzene	13.17	105	24890	2.517	ug/l #	50
86) p-Isopropyltoluene	13.29	119	10317	1.128	ug/l	98
89) n-Butylbenzene	13.61	91	56961	7.302	ug/l #	79
95) Naphthalene	15.13	128	11302	1.470	ug/l #	91

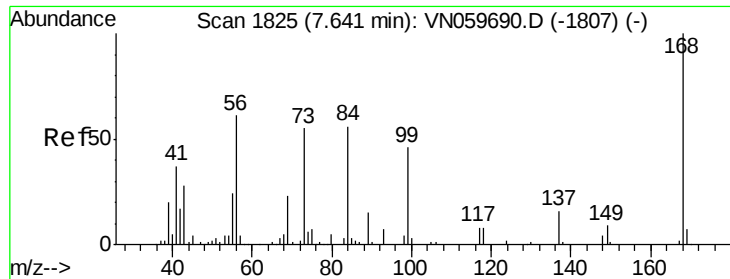
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PD-2-(28-29)

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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# 1826

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

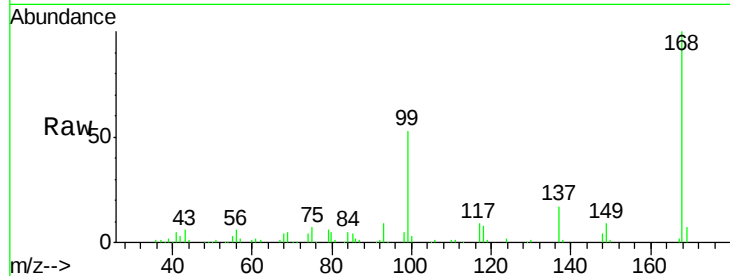
PD-2-(28-29)

Tot Ion:168 Resp: 197146

Ion Ratio Lower Upper

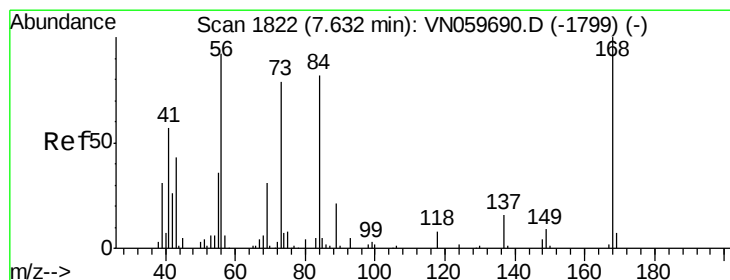
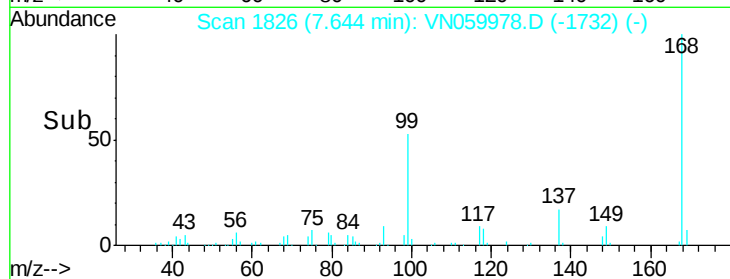
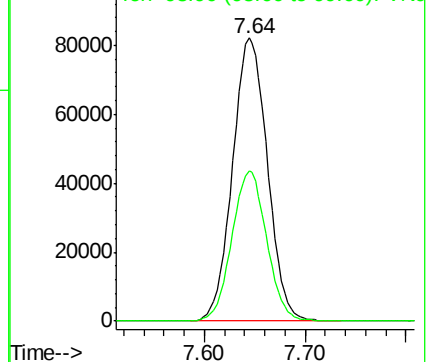
168 100

99 53.1 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: 9.273 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

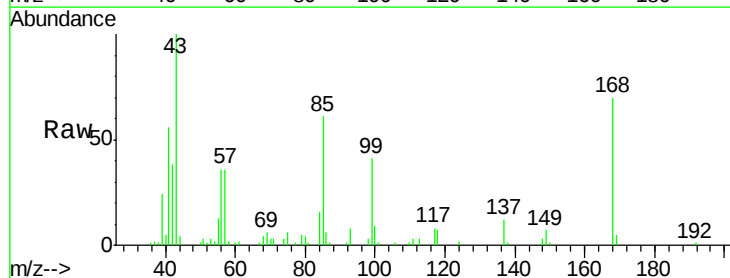
Tgt Ion: 56 Resp: 30039

Ion Ratio Lower Upper

56 100

69 14.4 26.5 39.7#

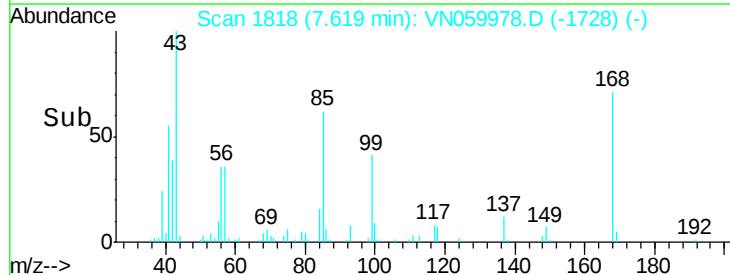
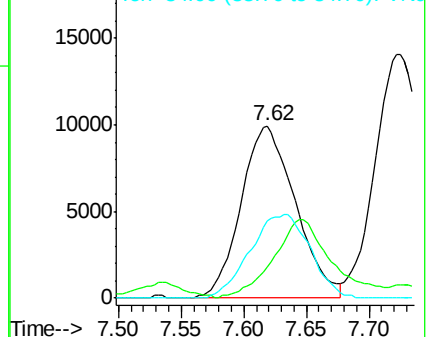
84 45.0 65.3 97.9#

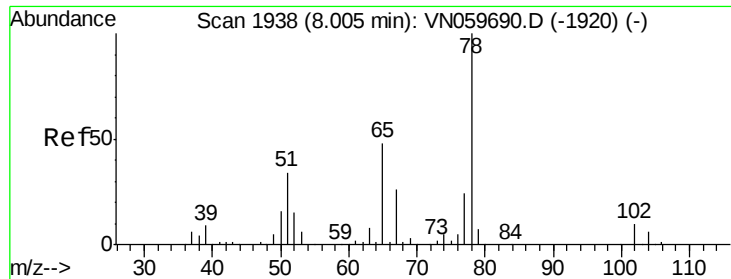


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

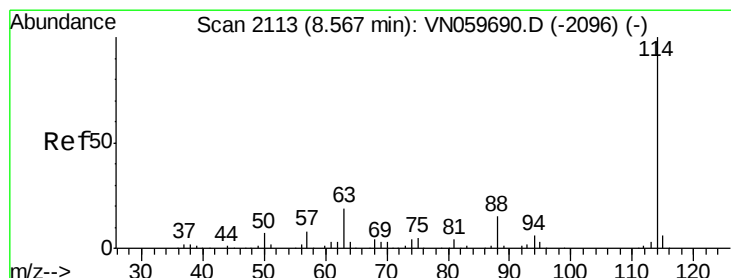
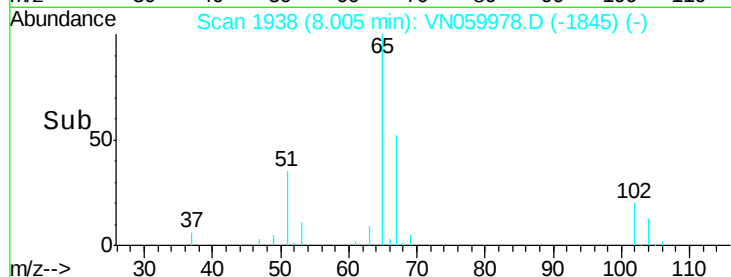
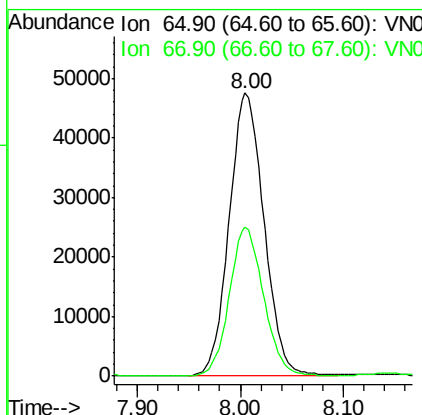
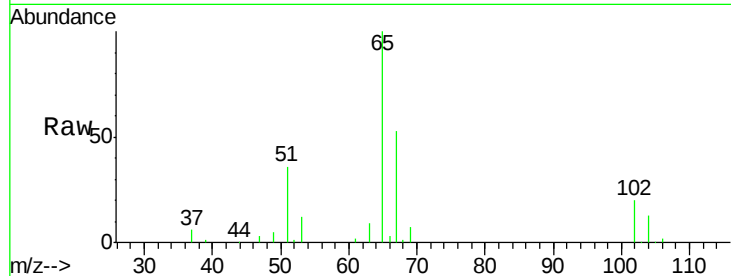




#33
 1,2-Dichloroethane-d4
 Concen: 51.232 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

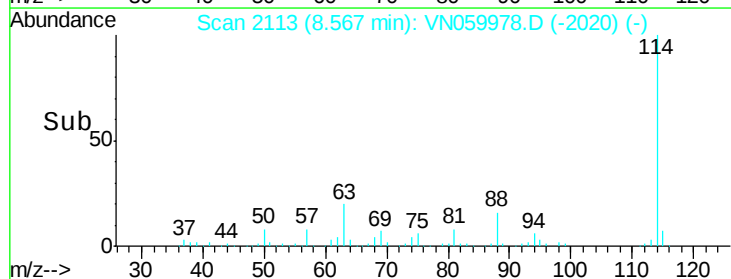
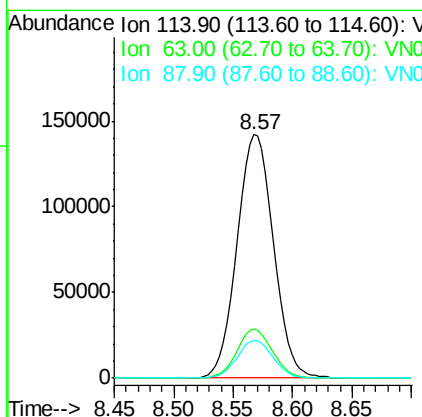
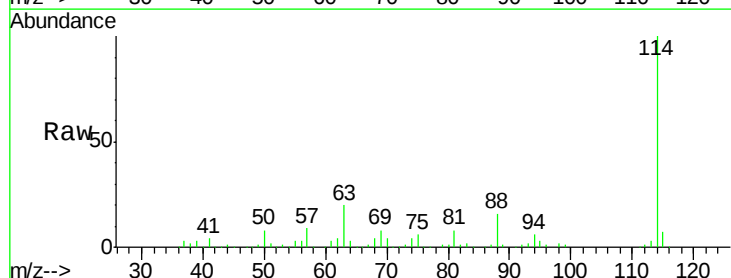
Instrument :
 MSVOA_N
 ClientSampleId :
 PD-2-(28-29)

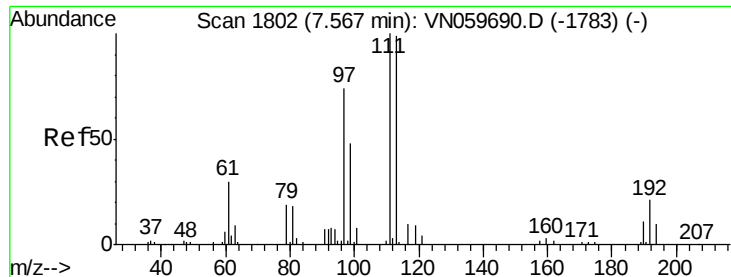
Tot Ion: 65 Resp: 112166
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion: 114 Resp: 301893
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.6 0.0 31.4

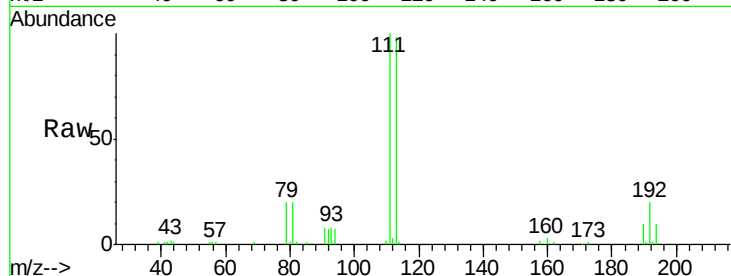




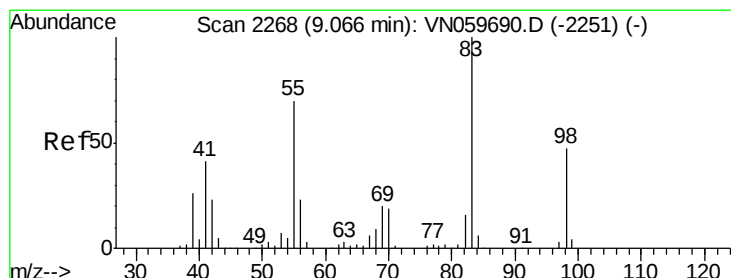
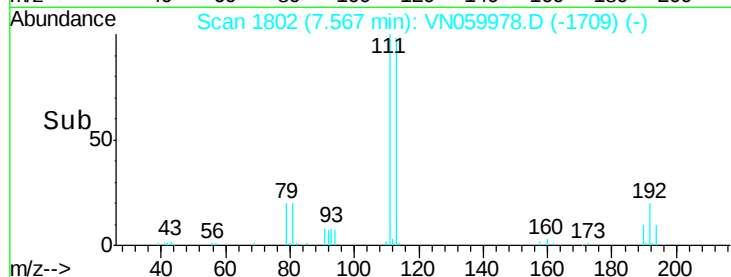
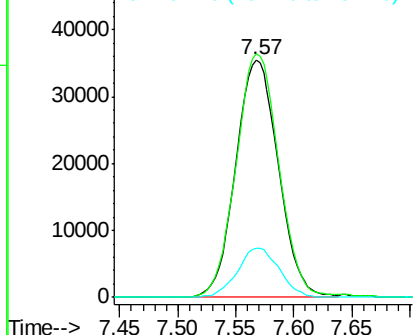
#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
PD-2-(28-29)

Tot Ion:113 Resp: 90840
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 20.4 15.4 23.2

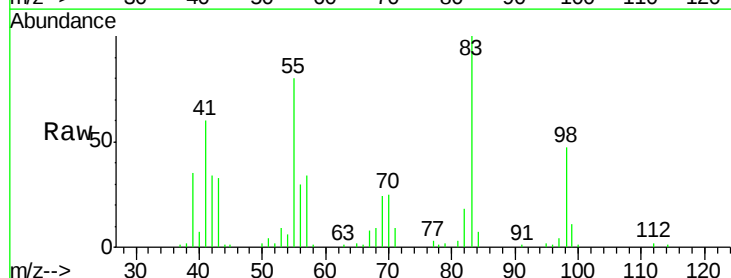


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

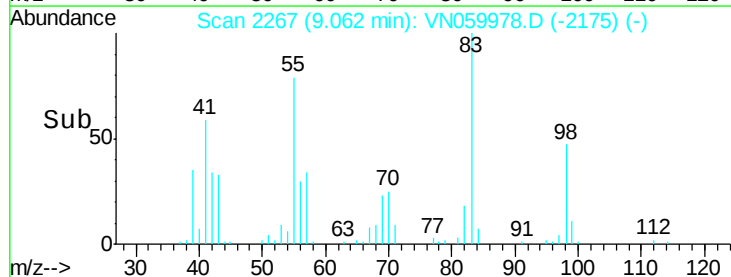
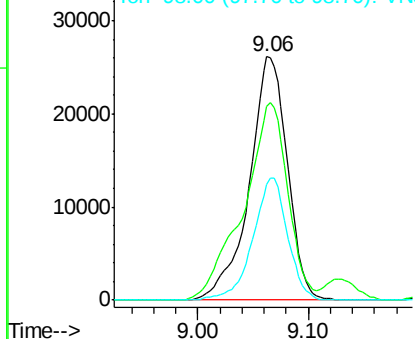


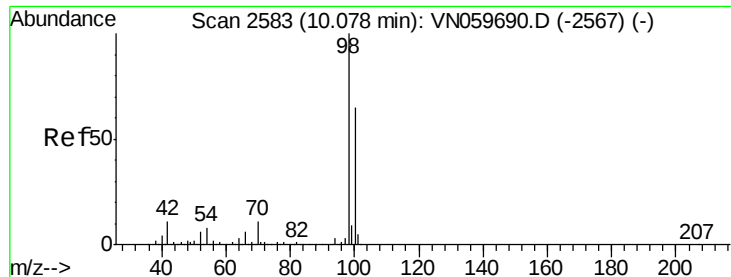
#39
Methylcyclohexane
Concen: 19.209 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 83 Resp: 62269
Ion Ratio Lower Upper
83 100
55 78.8 64.2 96.2
98 47.3 35.9 53.9



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#50

Toluene-d8

Concen: 53.625 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

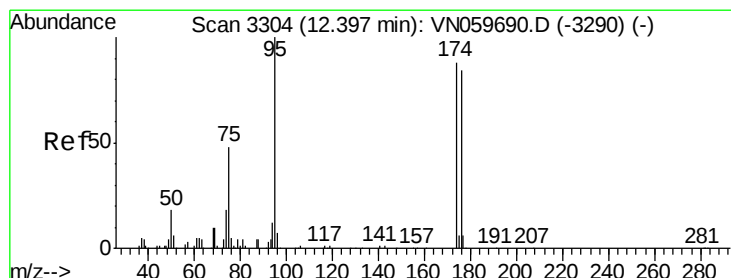
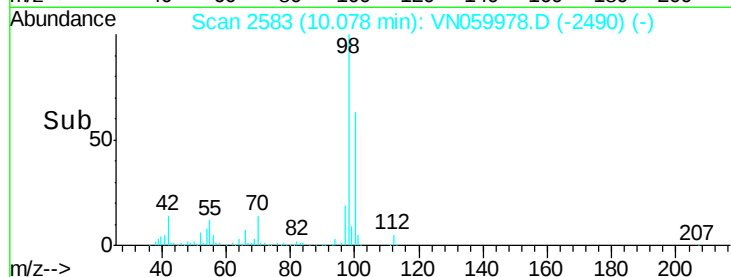
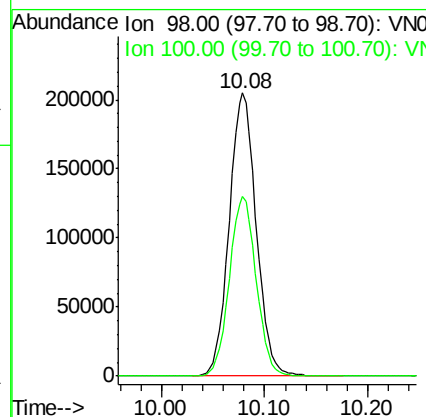
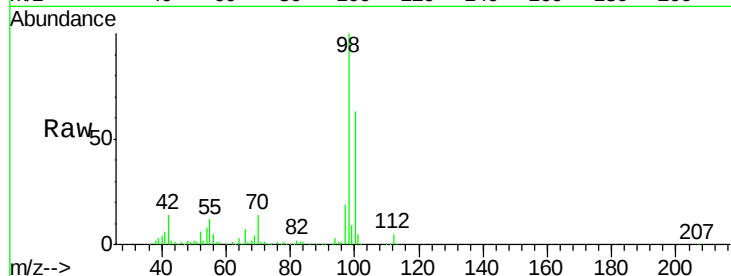
PD-2-(28-29)

Tot Ion: 98 Resp: 374052

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 54.674 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

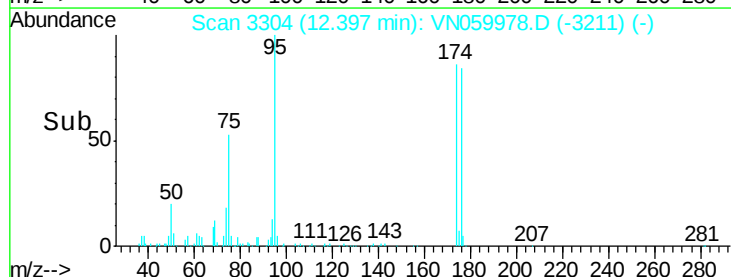
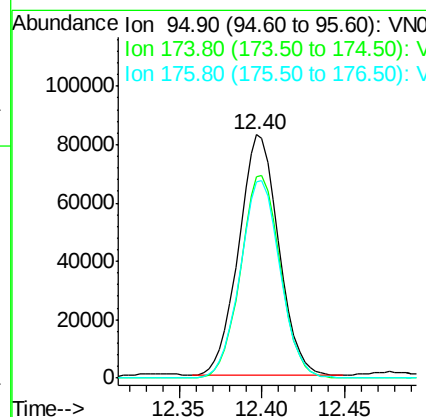
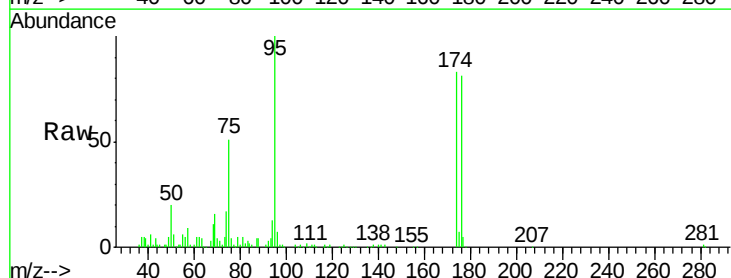
Tgt Ion: 95 Resp: 137484

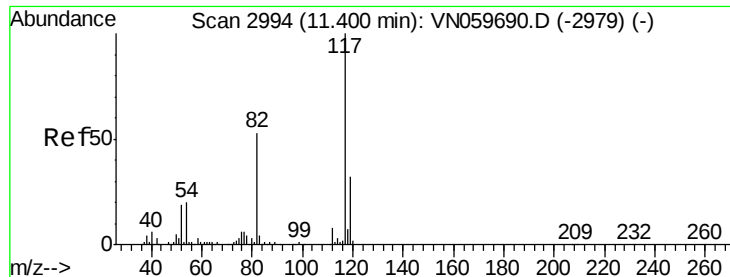
Ion Ratio Lower Upper

95 100

174 84.0 0.0 151.4

176 82.8 0.0 146.0

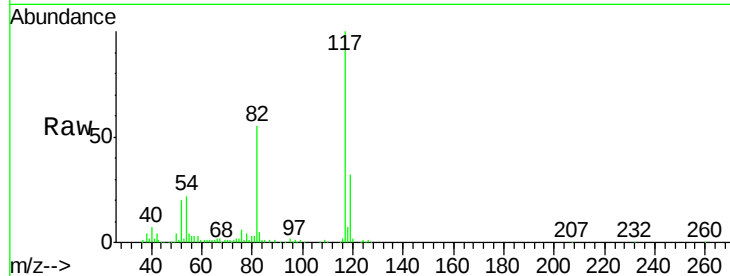




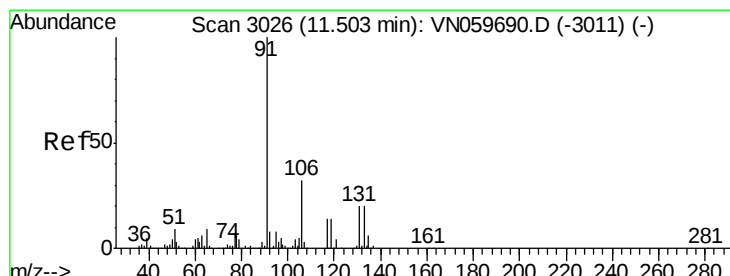
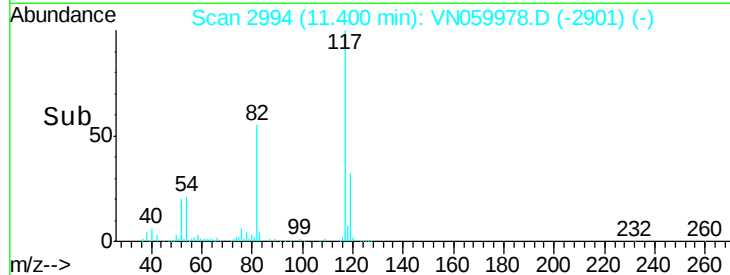
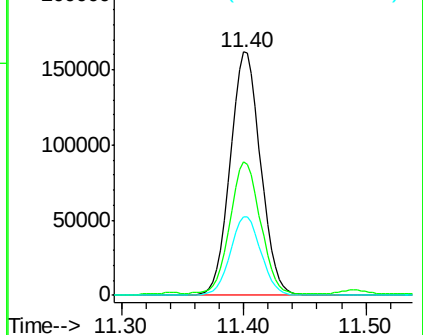
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampled :
PD-2-(28-29)

Tot Ion:117 Resp: 281351
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.4 25.5 38.3

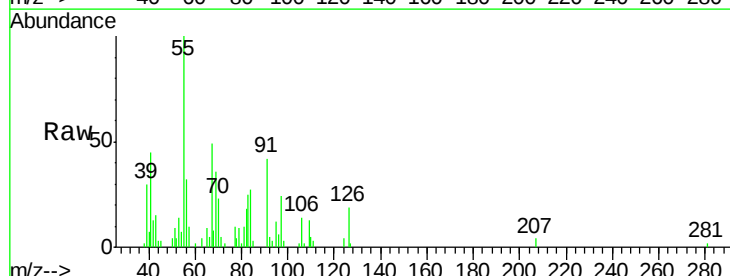


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

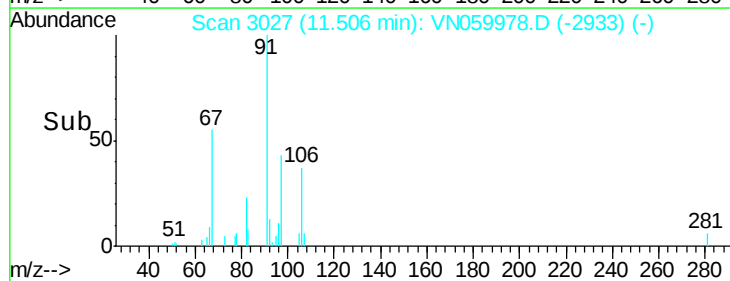
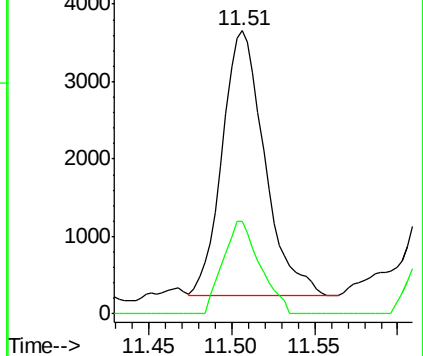


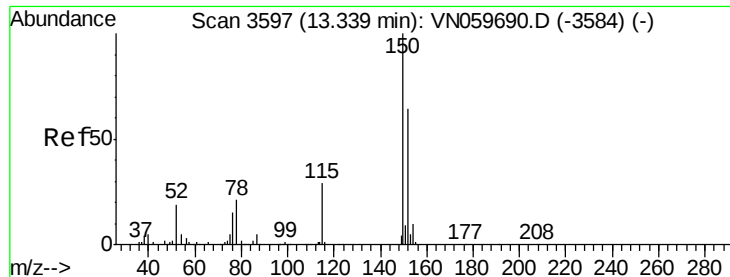
#67
Ethyl Benzene
Concen: 0.611 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 91 Resp: 6136
Ion Ratio Lower Upper
91 100
106 35.2 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# 3598

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

PD-2-(28-29)

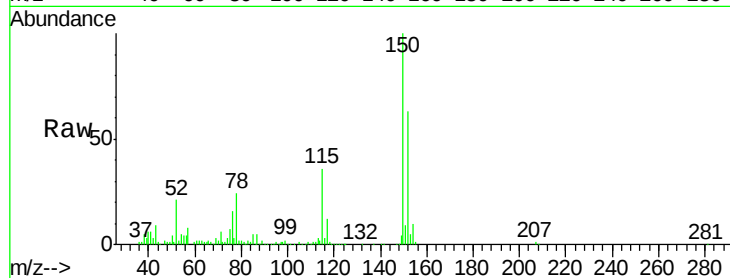
Tot Ion:152 Resp: 141072

Ion Ratio Lower Upper

152 100

115 59.8 30.3 90.9

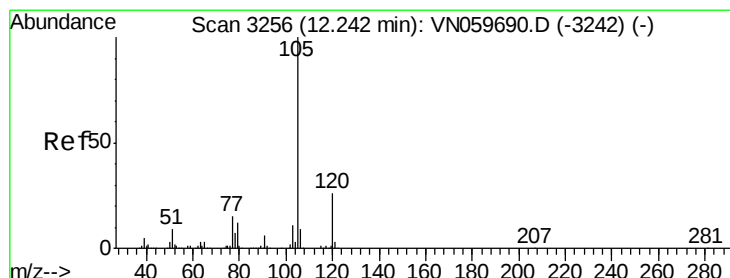
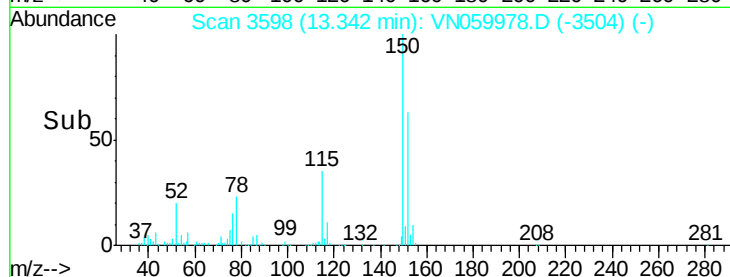
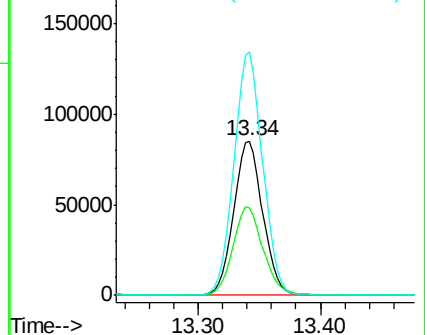
150 155.9 0.0 345.2



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: 3.007 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059978.D

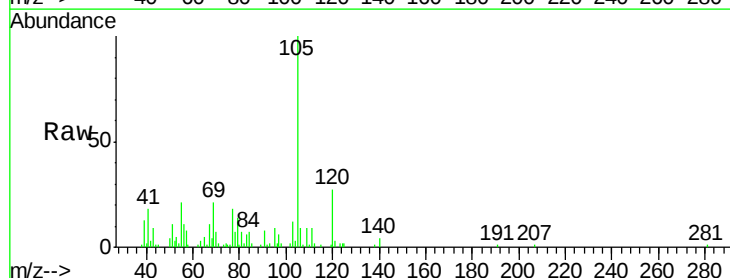
Acq: 3 Feb 2020 16:34

Tgt Ion:105 Resp: 31111

Ion Ratio Lower Upper

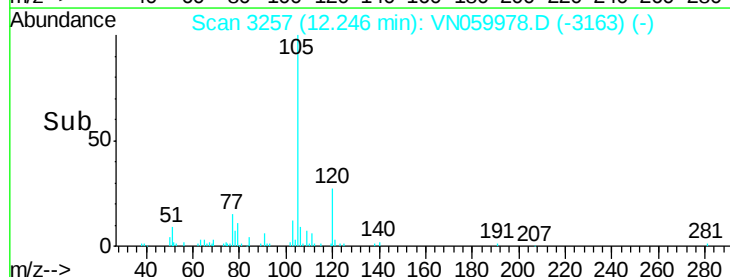
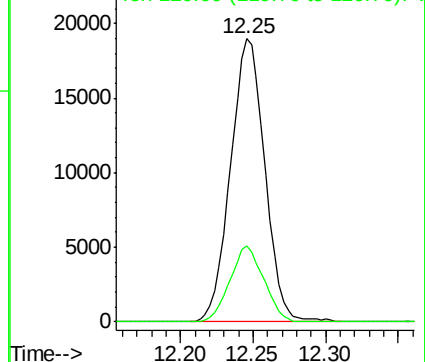
105 100

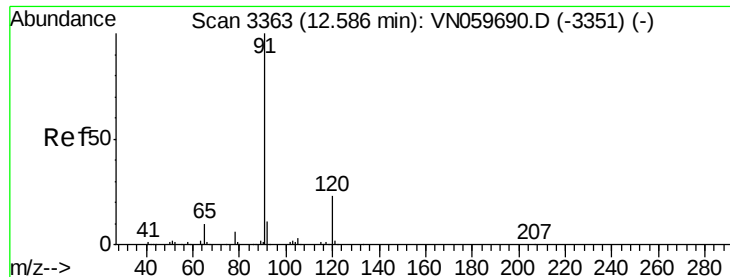
120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 14.335 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

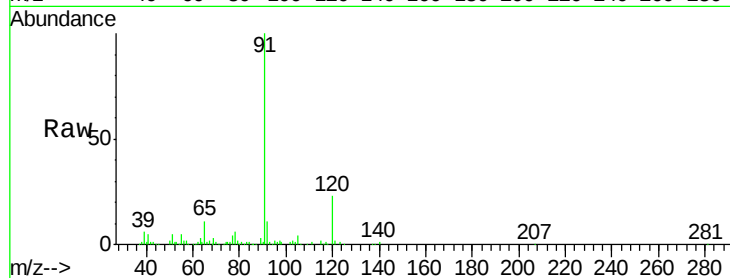
PD-2-(28-29)

Tot Ion: 91 Resp: 166470

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN059978.D (-3270) (-)

Ion 120.00 (119.70 to 120.70): VN059978.D (-3270) (-)

120000

100000

80000

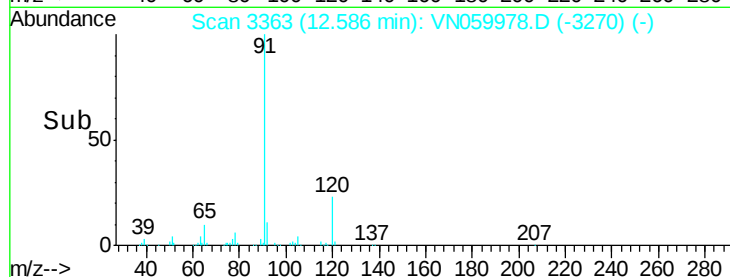
60000

40000

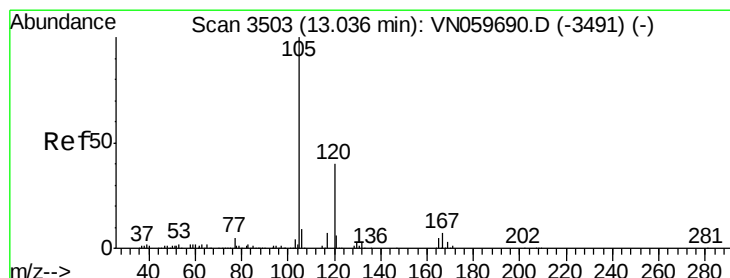
20000

0

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 6.400 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059978.D

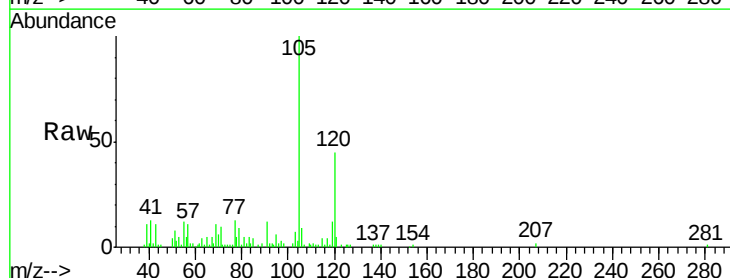
Acq: 3 Feb 2020 16:34

Tgt Ion: 105 Resp: 55096

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VN059978.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN059978.D (-3410) (-)

40000

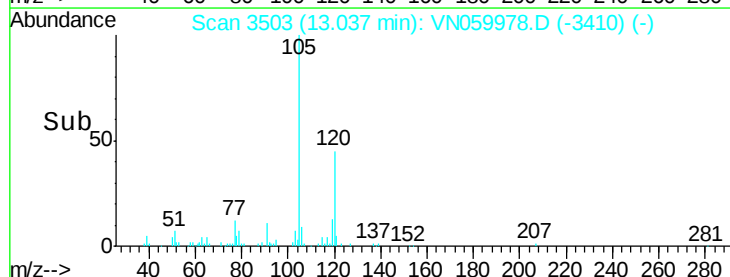
30000

20000

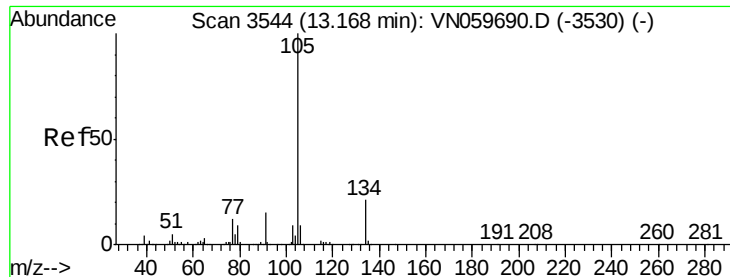
10000

0

Time-->



Time-->



#85

sec-Butylbenzene

Concen: 2.517 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

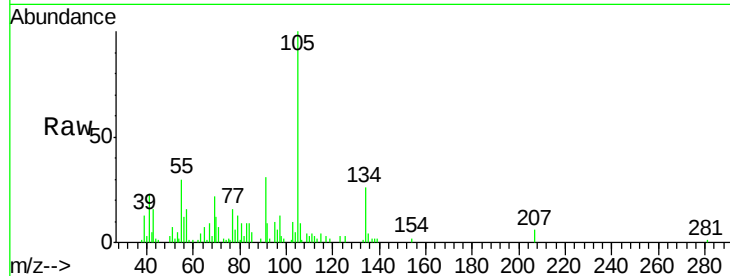
PD-2-(28-29)

Tot Ion:105 Resp: 24890

Ion Ratio Lower Upper

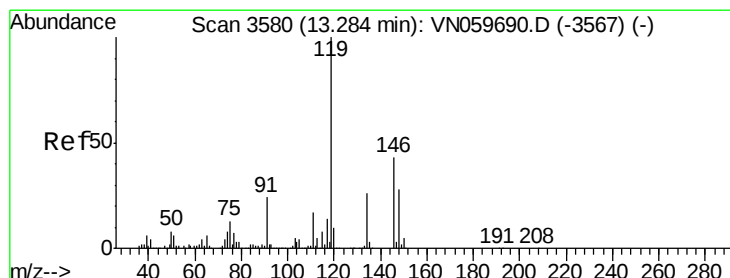
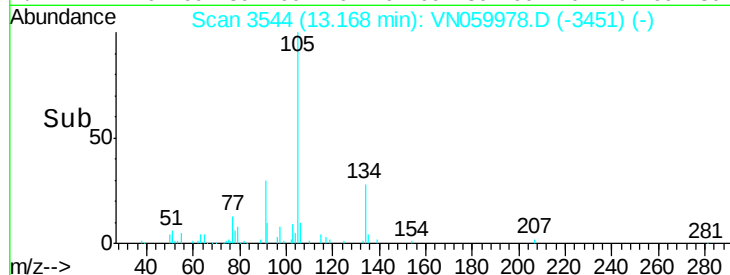
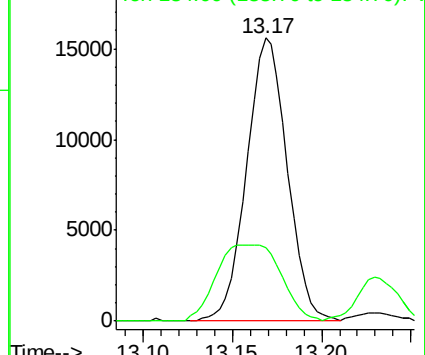
105 100

134 42.5 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.128 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

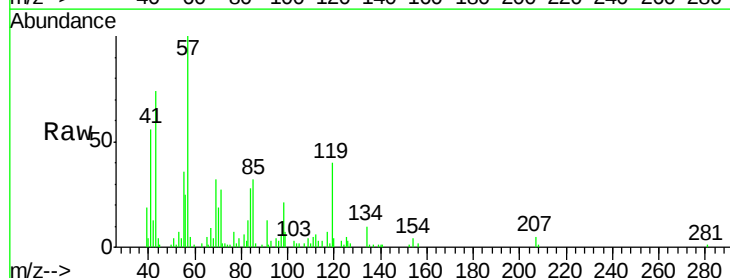
Tgt Ion:119 Resp: 10317

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

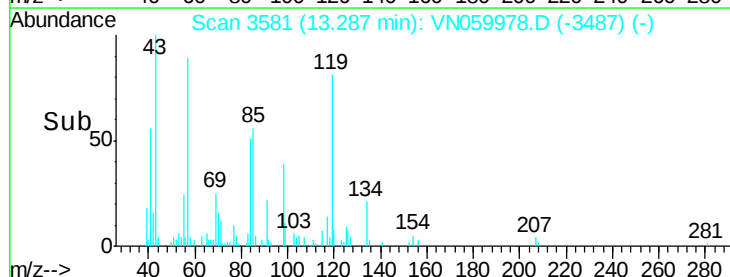
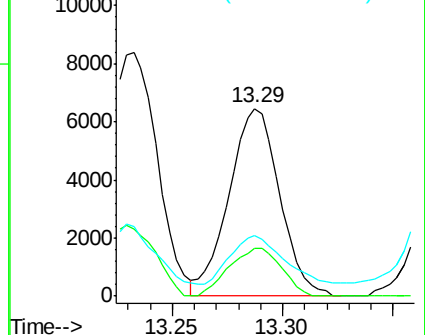
91 26.6 12.4 37.4

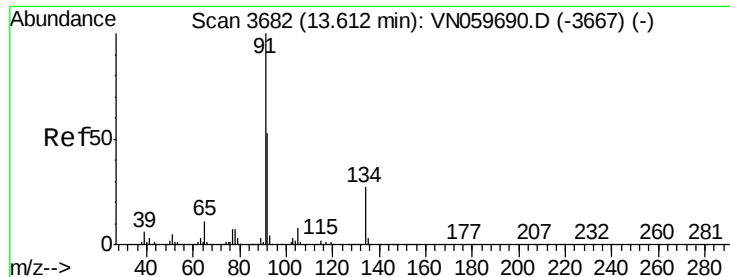


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 7.302 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

PD-2-(28-29)

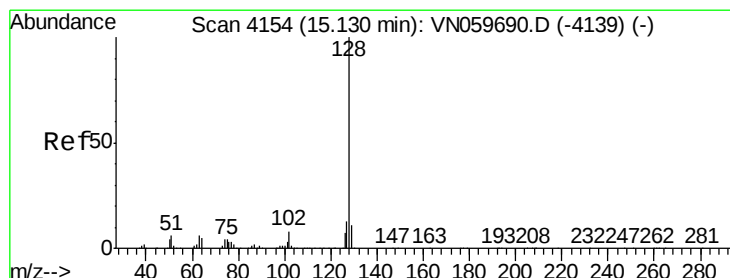
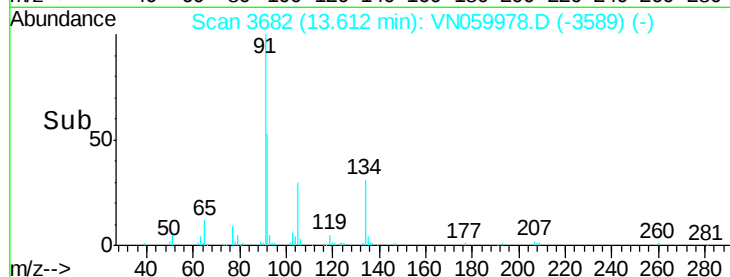
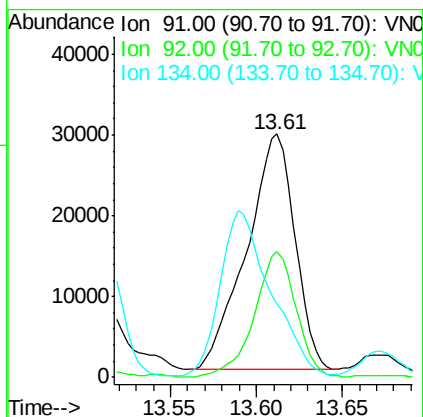
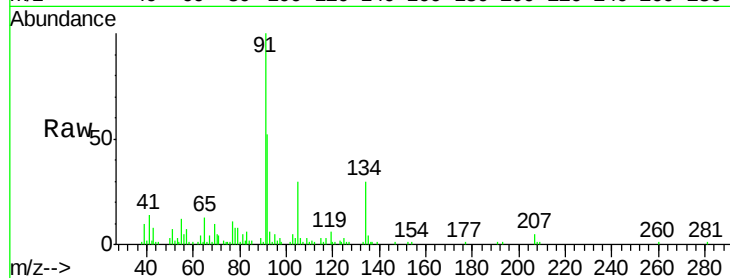
Tot Ion: 91 Resp: 56961

Ion Ratio Lower Upper

91 100

92 46.1 25.9 77.7

134 0.0 12.3 36.8#



#95

Naphthalene

Concen: 1.470 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Tgt Ion: 128 Resp: 11302

Ion Ratio Lower Upper

128 100

127 17.1 10.4 15.6#

129 7.9 8.6 12.8#

