

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059979.D
 Acq On : 3 Feb 2020 16:56
 Operator : JC/MD
 Sample : L1346-04 40X
 Misc : 7.24u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PD-3-(30-32)

Quant Time: Feb 04 08:18:03 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	200984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142145	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	114546	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
35) Dibromofluoromethane	7.57	113	93689	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	
50) Toluene-d8	10.08	98	381350	52.75	ug/l	0.00
Spiked Amount						
			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.40	95	138413	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	

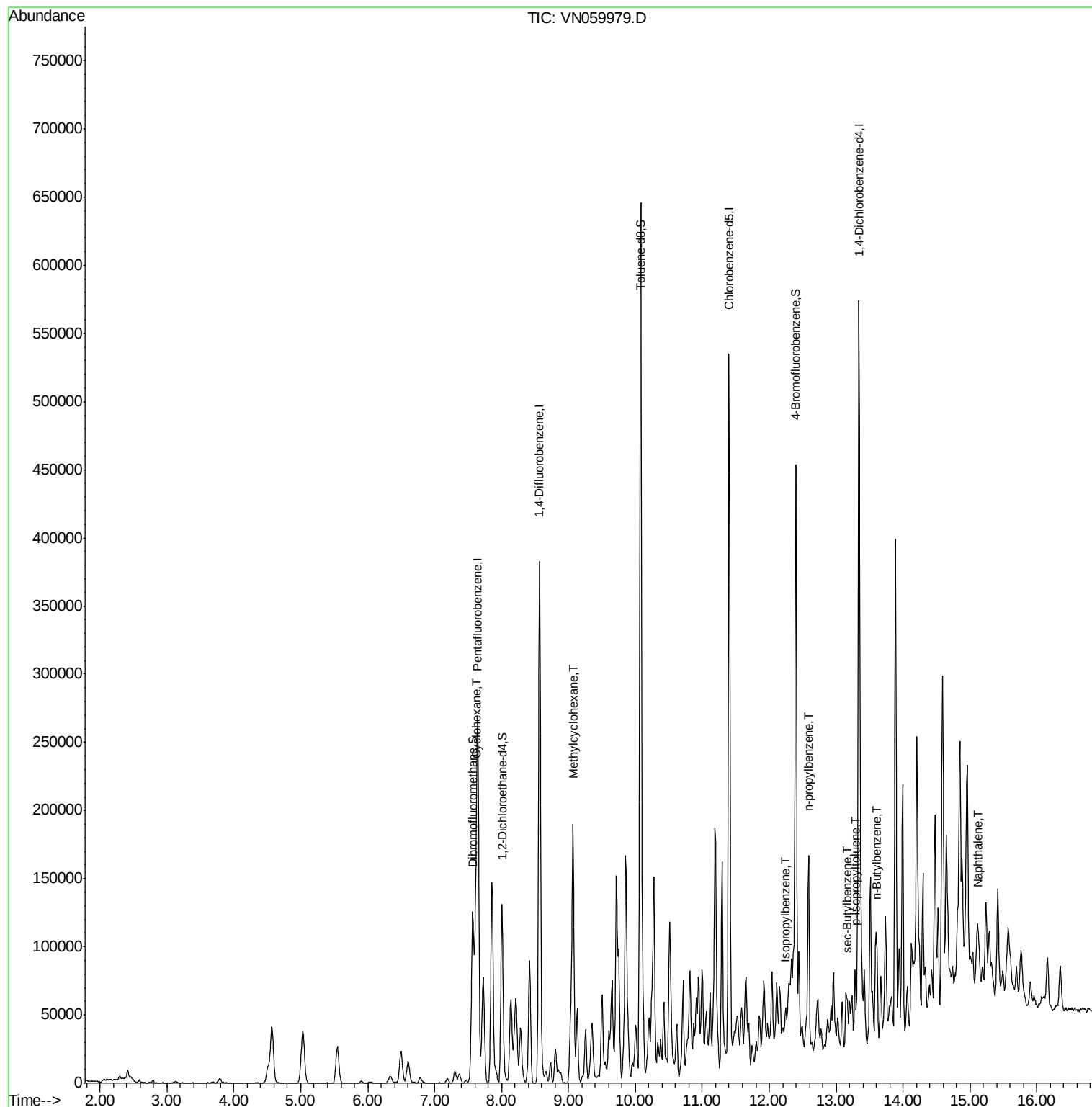
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.62	56	29296	8.871	ug/l #	55
39) Methylcyclohexane	9.07	83	74153	22.072	ug/l	96
73) Isopropylbenzene	12.25	105	17714	1.699	ug/l	98
78) n-propylbenzene	12.59	91	109901	9.393	ug/l	98
85) sec-Butylbenzene	13.17	105	17263	1.733	ug/l	97
86) p-Isopropyltoluene	13.28	119	4535	0.492	ug/l	96
89) n-Butylbenzene	13.61	91	37916	4.824	ug/l #	75
95) Naphthalene	15.13	128	16609	2.144	ug/l #	90

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

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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: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

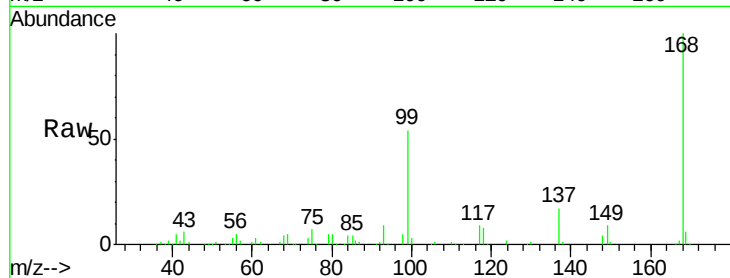
PD-3-(30-32)

Tot Ion:168 Resp: 200984

Ion Ratio Lower Upper

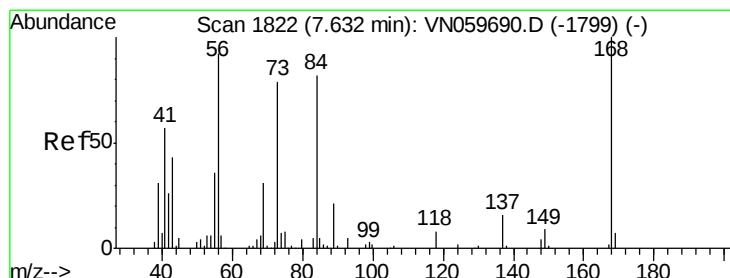
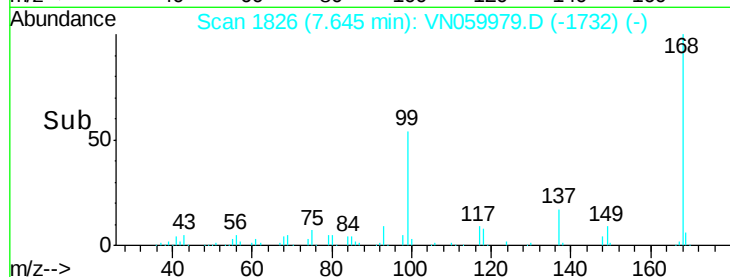
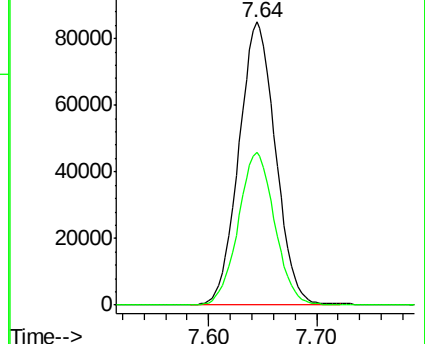
168 100

99 53.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#31

Cyclohexane

Concen: 8.871 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

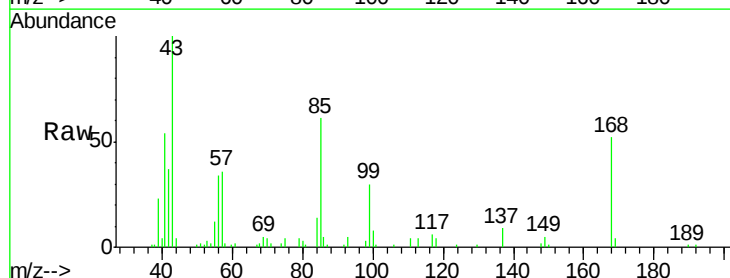
Tgt Ion: 56 Resp: 29296

Ion Ratio Lower Upper

56 100

69 9.7 26.5 39.7#

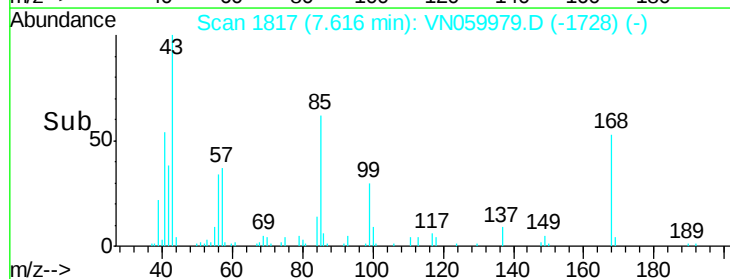
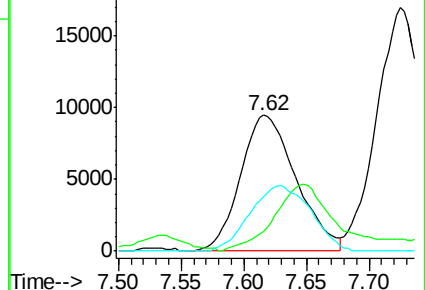
84 40.0 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN





#33

1,2-Dichloroethane-d4

Concen: 51.320 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

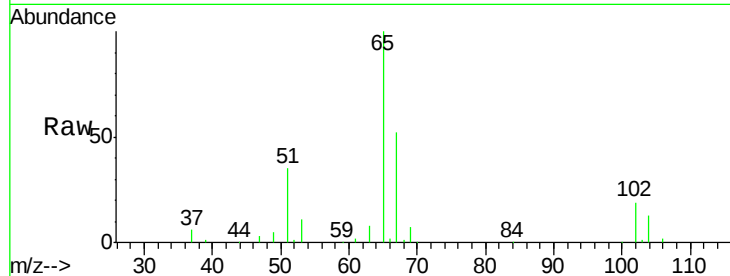
PD-3-(30-32)

Tot Ion: 65 Resp: 114546

Ion Ratio Lower Upper

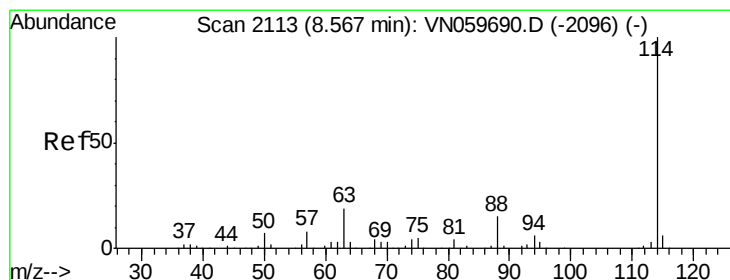
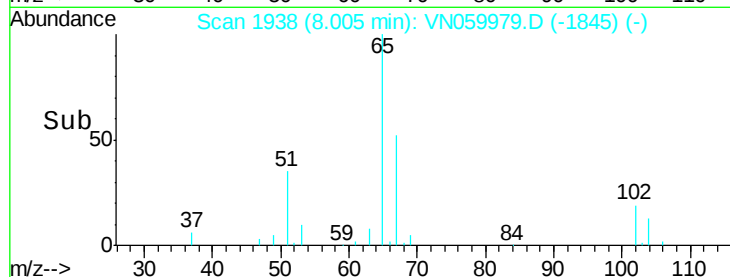
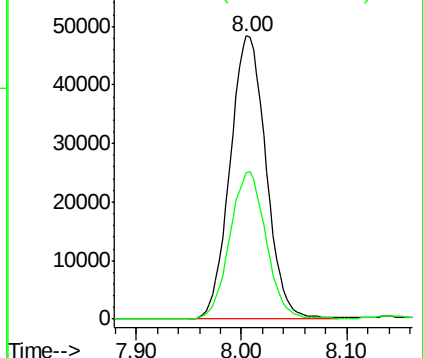
65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059979.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059979.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

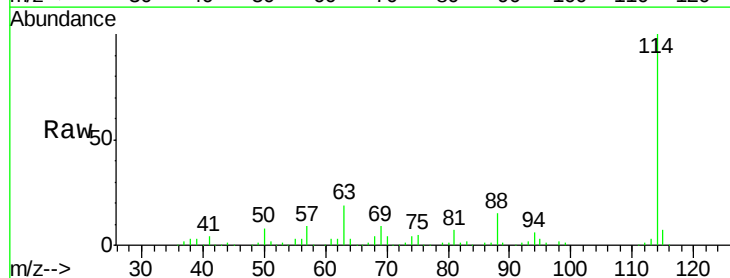
Tgt Ion: 114 Resp: 312882

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

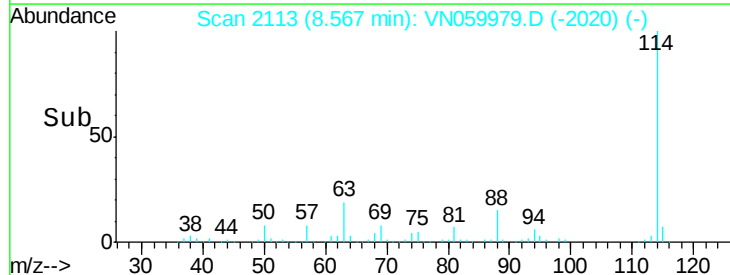
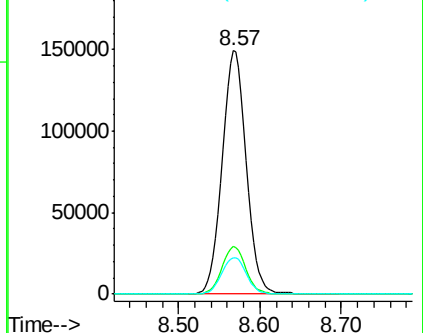
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN059979.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059979.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059979.D (-2020) (-)

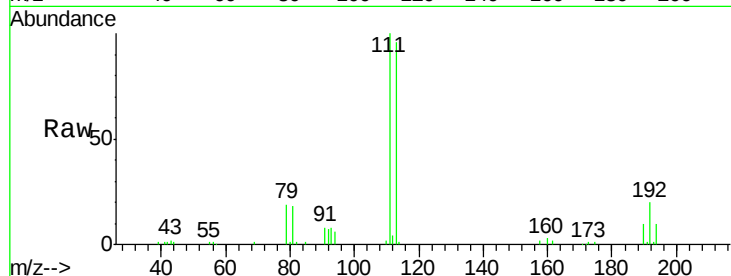




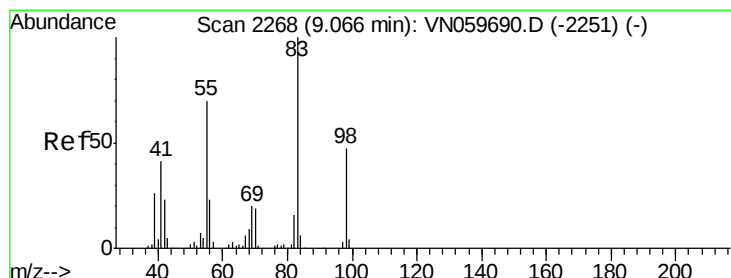
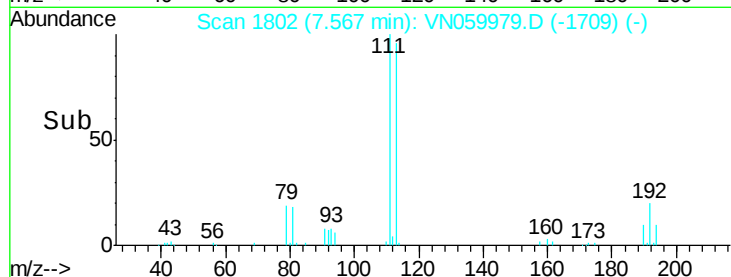
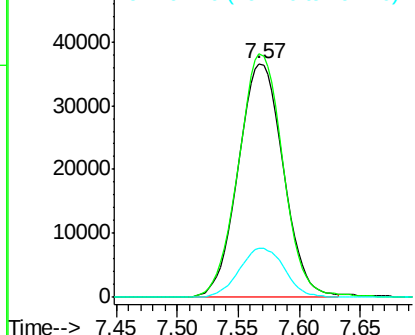
#35
Dibromofluoromethane
Concen: 50.212 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
PD-3-(30-32)

Tot Ion:113 Resp: 93689
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 21.1 15.4 23.2

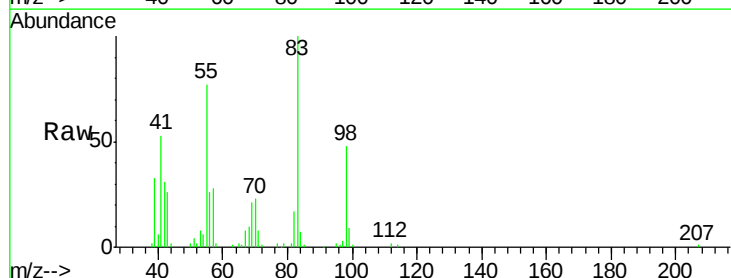


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

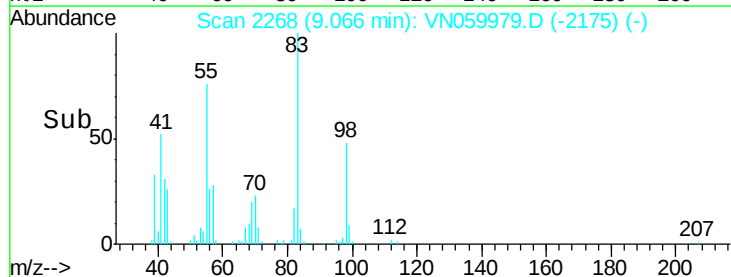
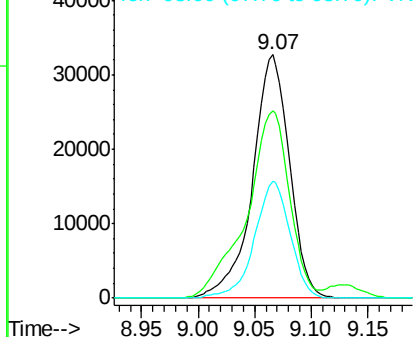


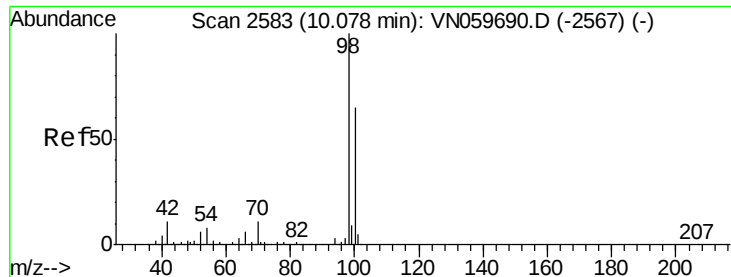
#39
Methylcyclohexane
Concen: 22.072 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 83 Resp: 74153
Ion Ratio Lower Upper
83 100
55 76.6 64.2 96.2
98 48.1 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: 52.751 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

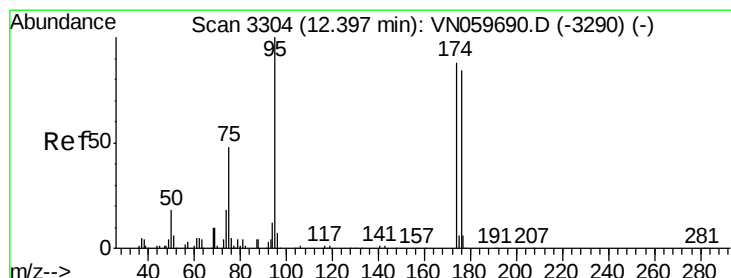
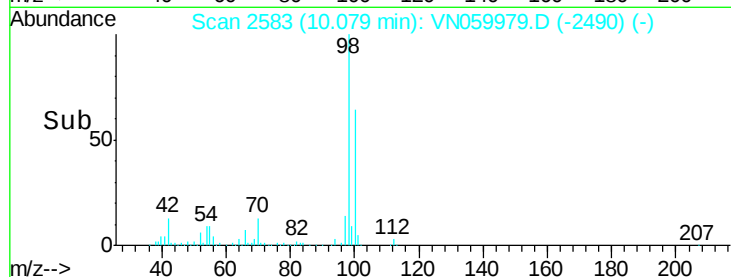
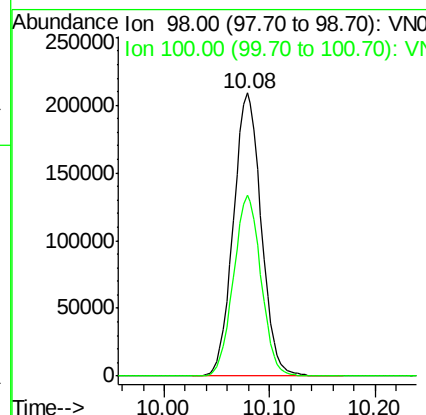
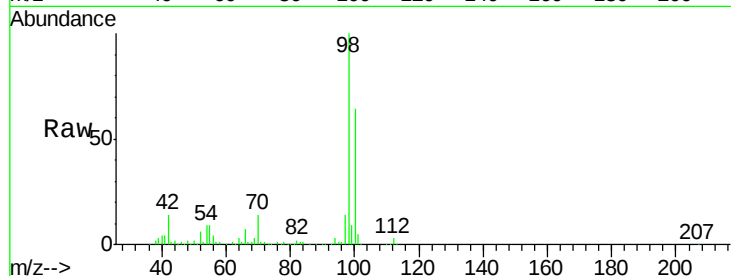
PD-3-(30-32)

Tot Ion: 98 Resp: 381350

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.110 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

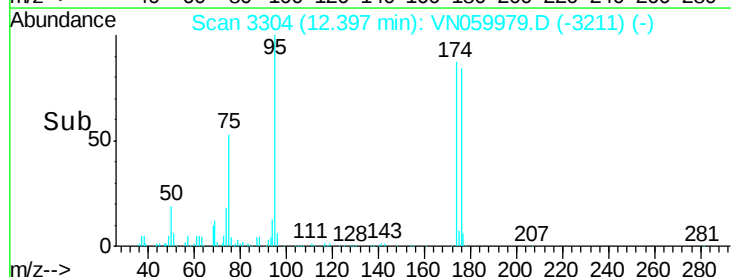
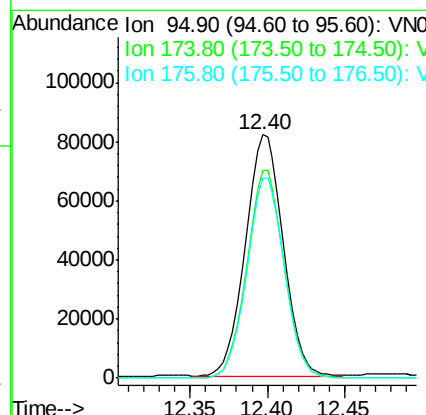
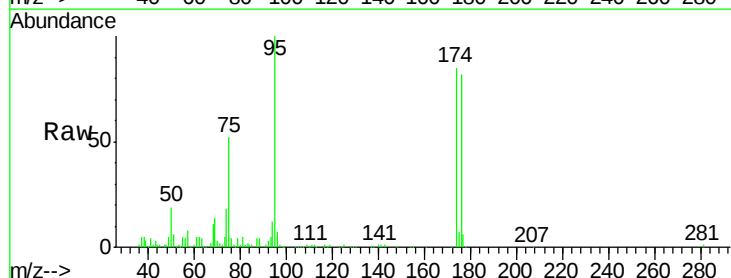
Tgt Ion: 95 Resp: 138413

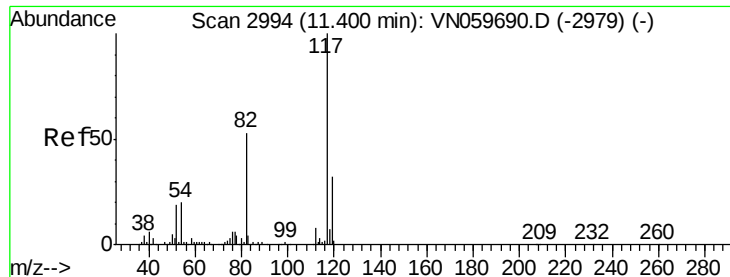
Ion Ratio Lower Upper

95 100

174 85.0 0.0 151.4

176 82.2 0.0 146.0

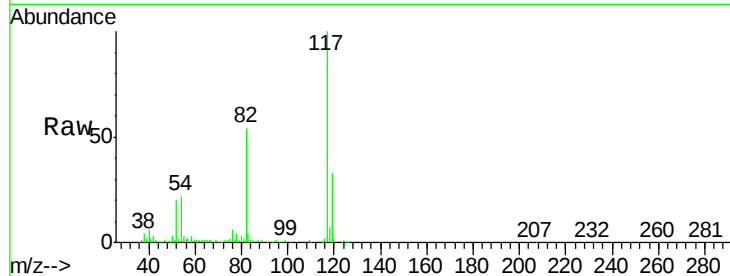




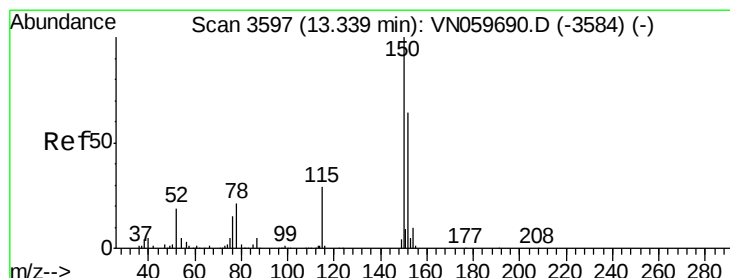
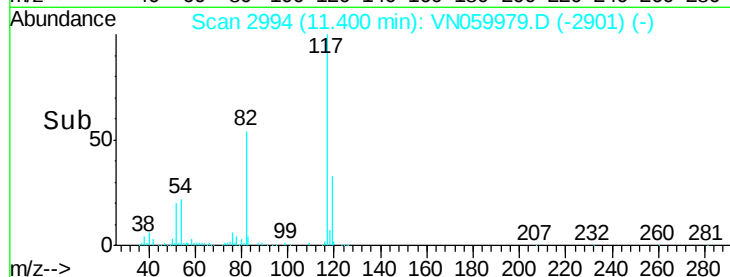
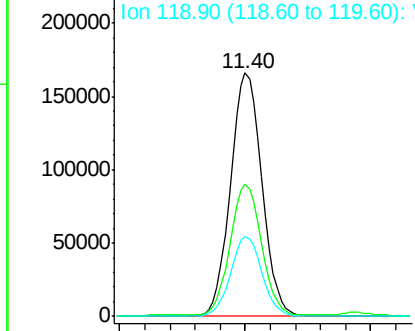
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Instrument :
MSVOA_N
ClientSampled :
PD-3-(30-32)

Tot Ion:117 Resp: 289401
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.7 25.5 38.3

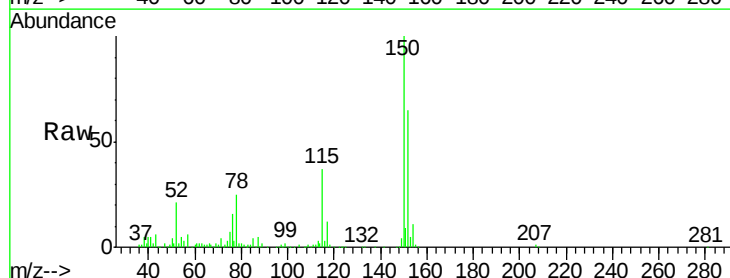


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

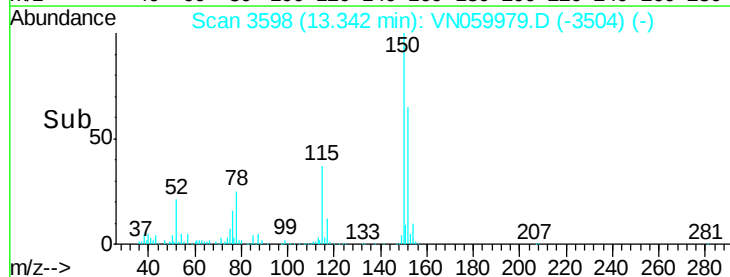
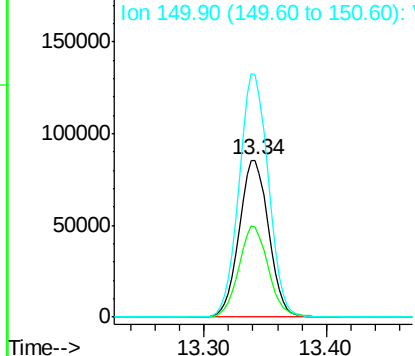


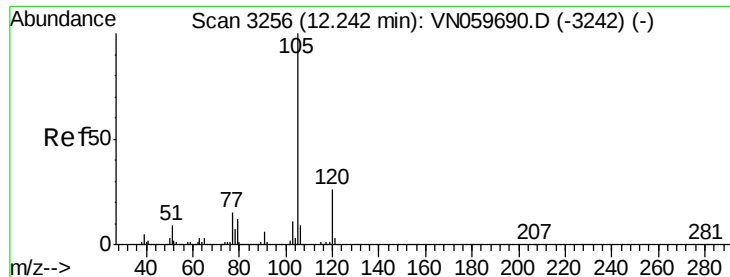
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion:152 Resp: 142145
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 154.8 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: 1.699 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

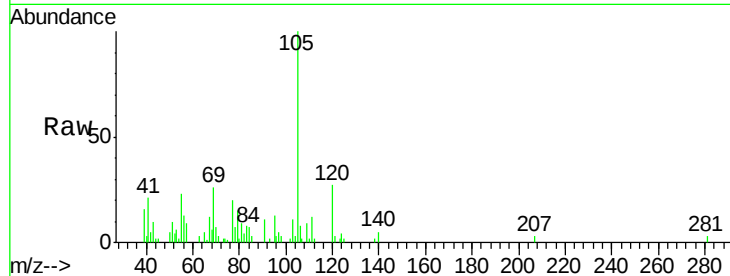
PD-3-(30-32)

Tot Ion:105 Resp: 17714

Ion Ratio Lower Upper

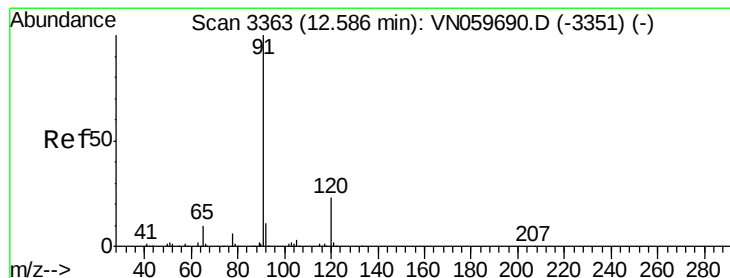
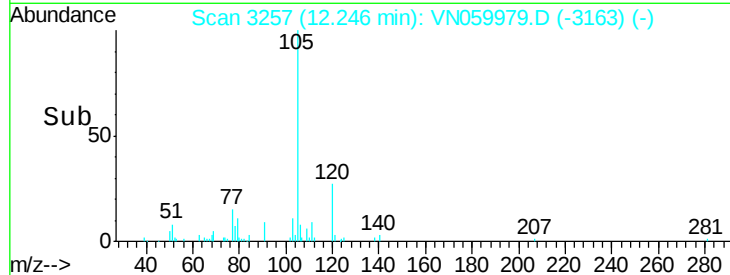
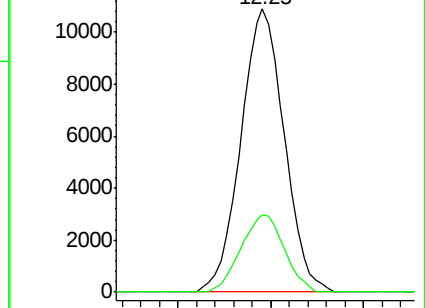
105 100

120 27.3 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: 9.393 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059979.D

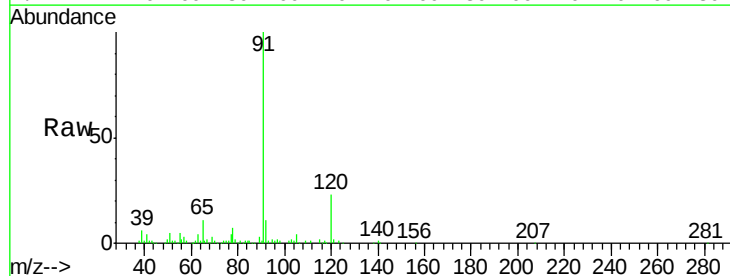
Acq: 3 Feb 2020 16:56

Tgt Ion: 91 Resp: 109901

Ion Ratio Lower Upper

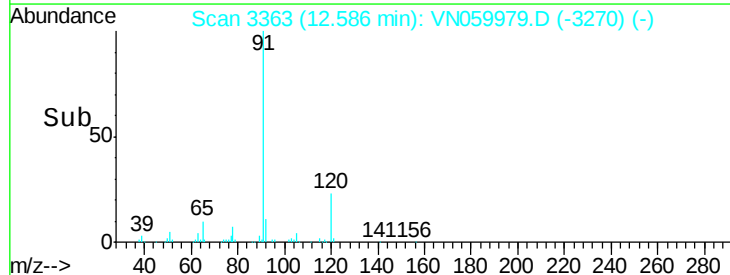
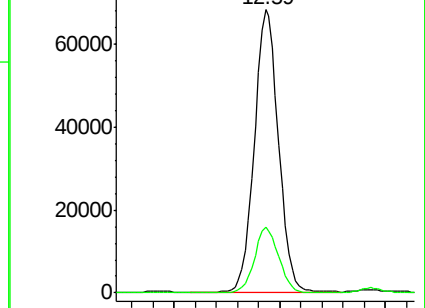
91 100

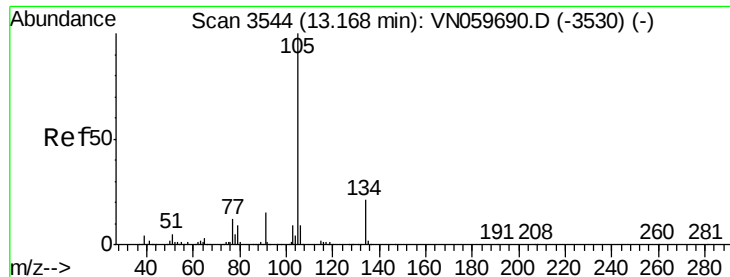
120 22.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.733 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

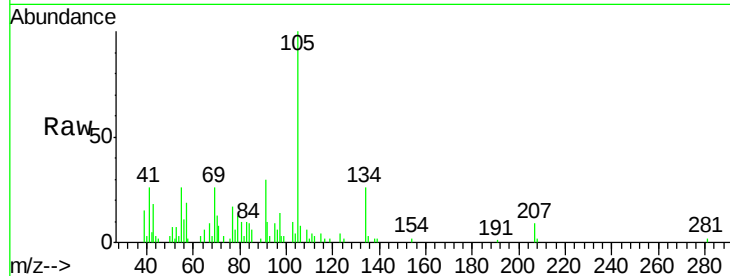
PD-3-(30-32)

Tot Ion:105 Resp: 17263

Ion Ratio Lower Upper

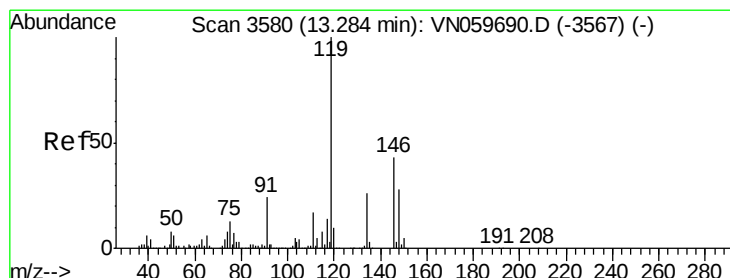
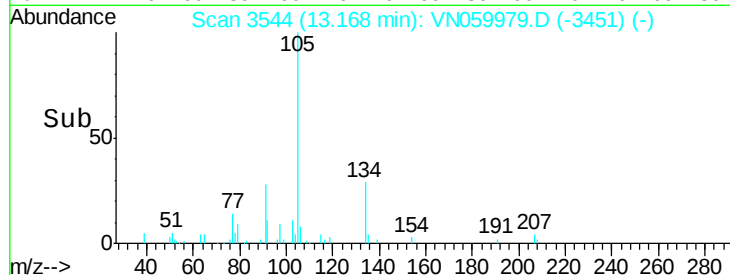
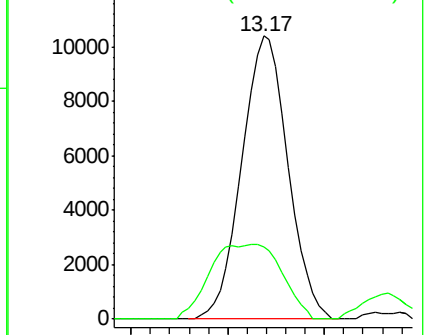
105 100

134 18.5 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: 0.492 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

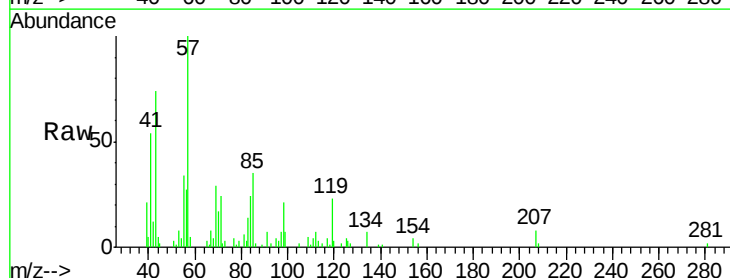
Tgt Ion:119 Resp: 4535

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

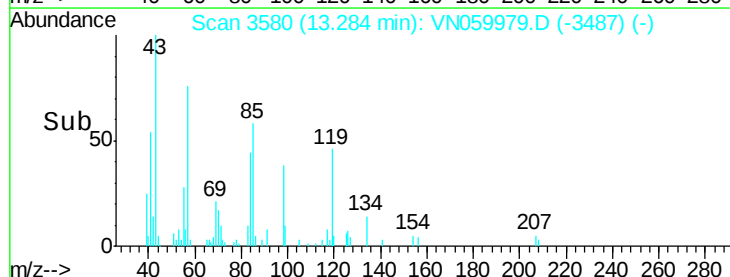
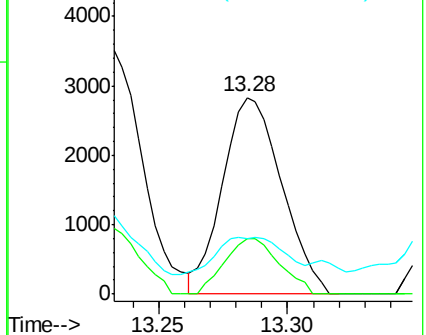
91 20.9 12.4 37.4

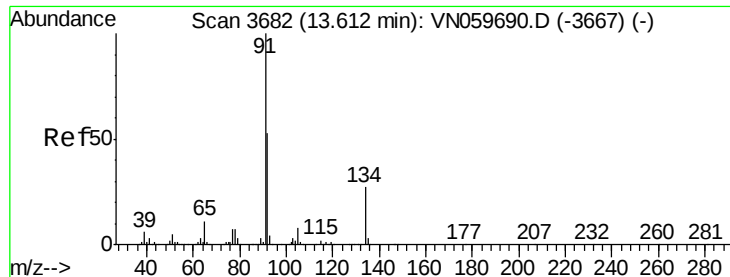


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

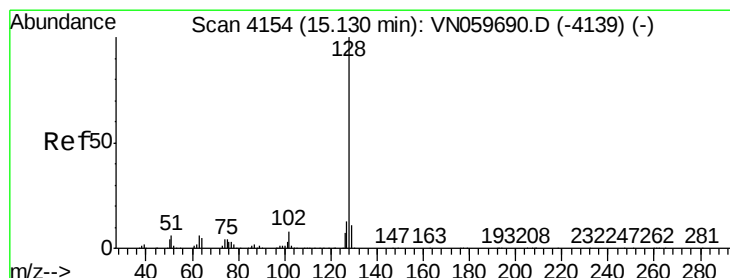
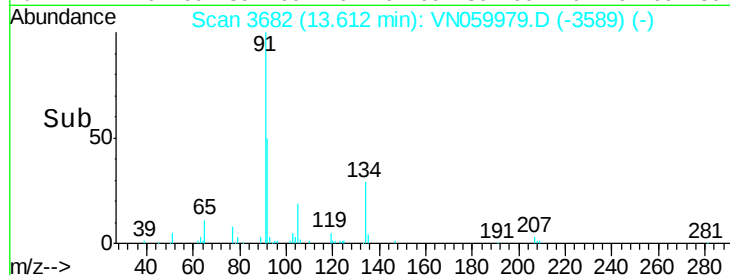
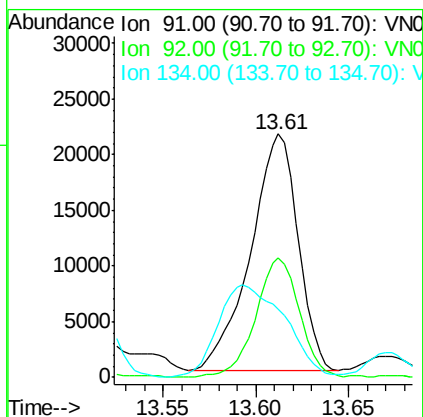
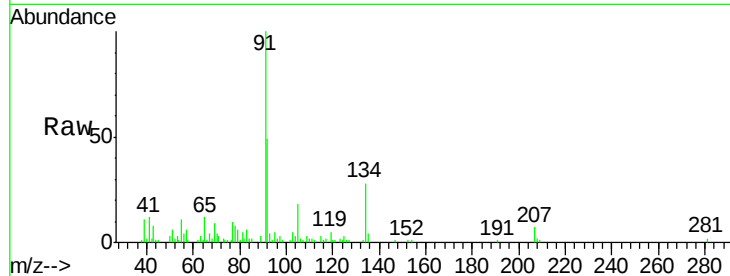




#89
n-Butylbenzene
Concen: 4.824 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
PD-3-(30-32)

Tot Ion: 91 Resp: 37916
Ion Ratio Lower Upper
91 100
92 46.4 25.9 77.7
134 54.9 12.3 36.8#



#95
Naphthalene
Concen: 2.144 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 128 Resp: 16609
Ion Ratio Lower Upper
128 100
127 19.2 10.4 15.6#
129 9.9 8.6 12.8

