

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059980.D
 Acq On : 3 Feb 2020 17:19
 Operator : JC/MD
 Sample : L1346-05 20X
 Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 04 08:20:37 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

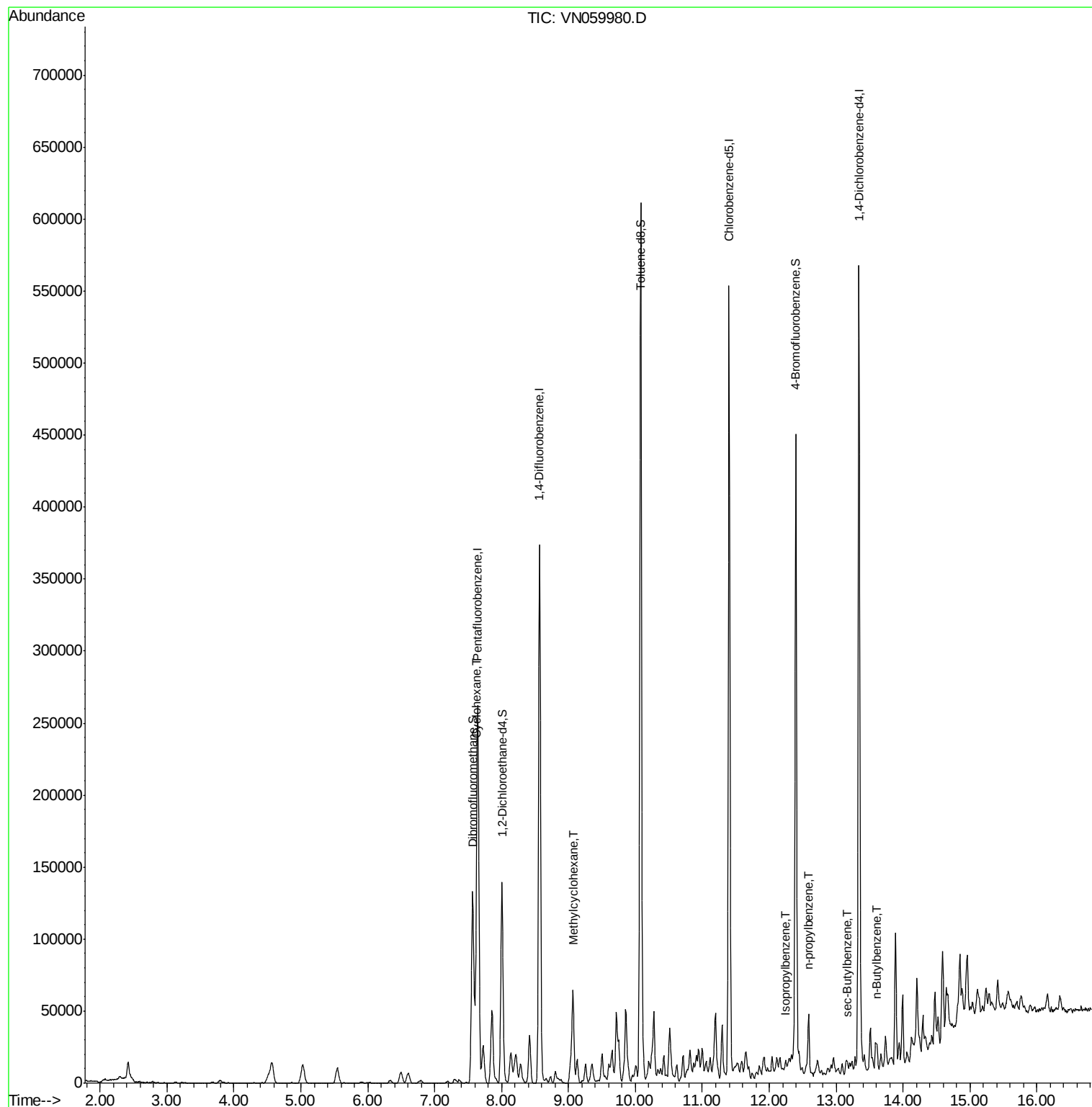
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	214225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	121509	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.57	113	100457	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.08	98	403140	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	147544	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
Target Compounds						
31) Cyclohexane	7.62	56	13728	3.900	ug/l #	75
39) Methylcyclohexane	9.07	83	25398	7.135	ug/l	95
73) Isopropylbenzene	12.25	105	5834	0.532	ug/l	96
78) n-propylbenzene	12.59	91	33428	2.717	ug/l	98
85) sec-Butylbenzene	13.17	105	4873	0.465	ug/l #	55
89) n-Butylbenzene	13.61	91	10585	1.281	ug/l #	78

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

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PD-3-(35-37)

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

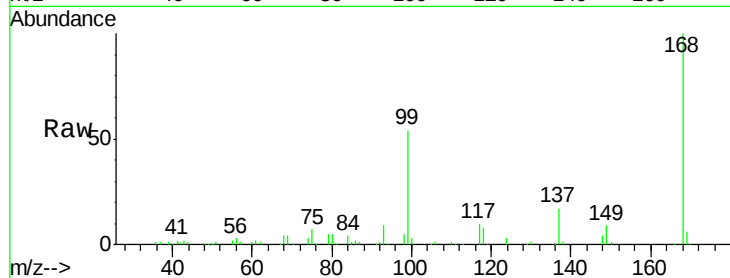
PD-3-(35-37)

Tot Ion:168 Resp: 214225

Ion Ratio Lower Upper

168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

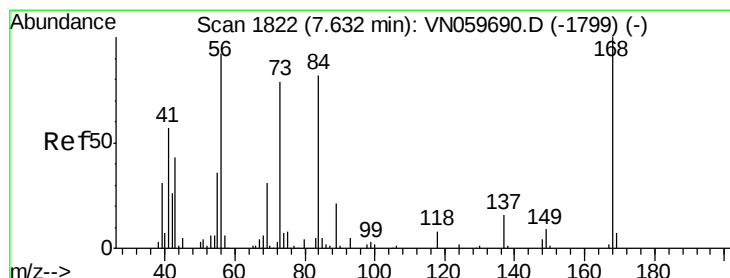
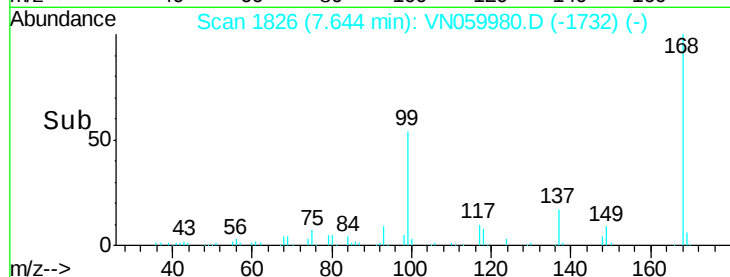
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 3.900 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

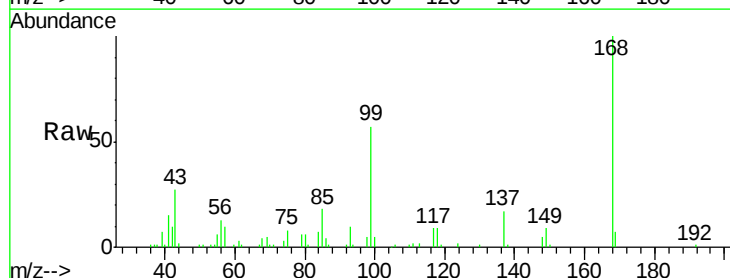
Tgt Ion: 56 Resp: 13728

Ion Ratio Lower Upper

56 100

69 38.6 26.5 39.7

84 54.3 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

7.62

8000

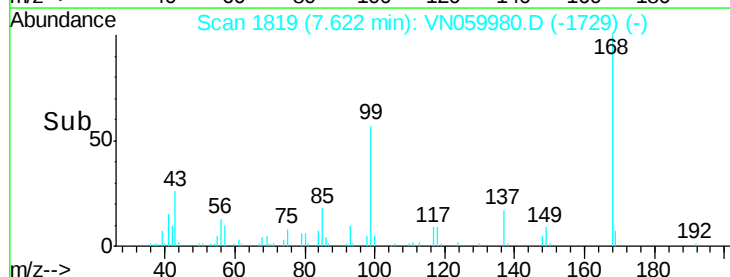
6000

4000

2000

0

Time-->

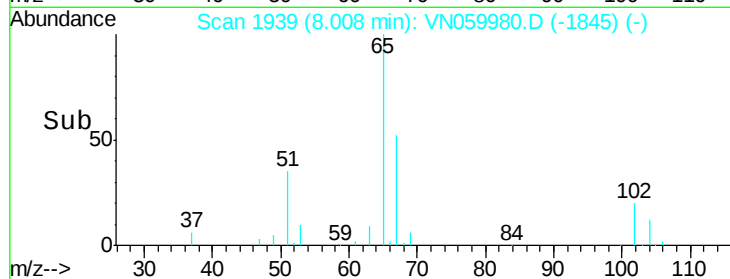
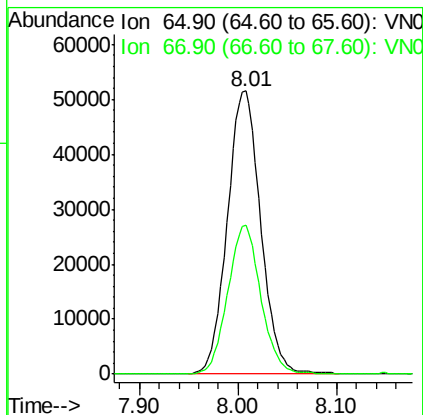
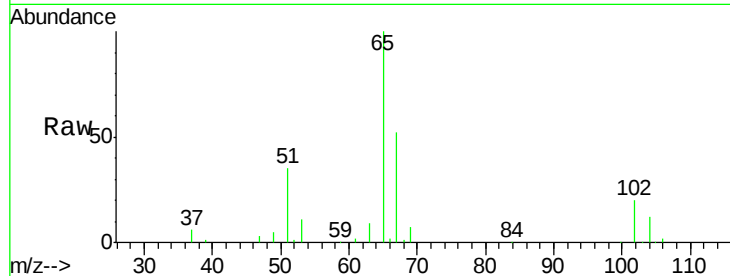




#33
 1,2-Dichloroethane-d4
 Concen: 51.075 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

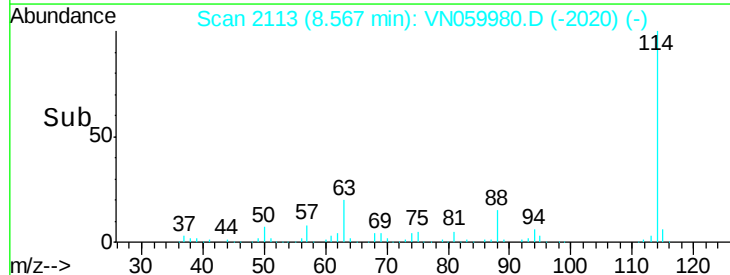
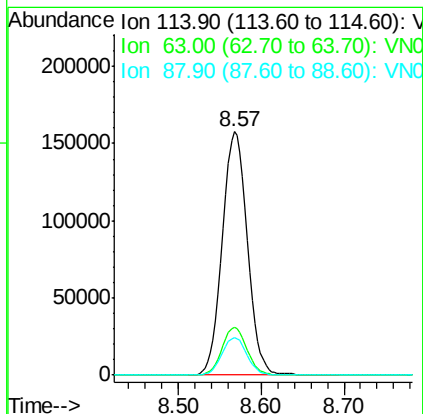
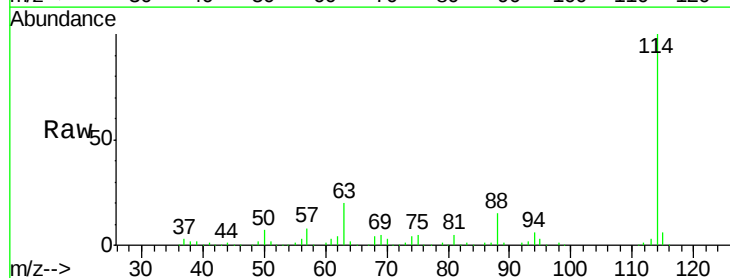
Instrument :
 MSVOA_N
 ClientSampleId :
 PD-3-(35-37)

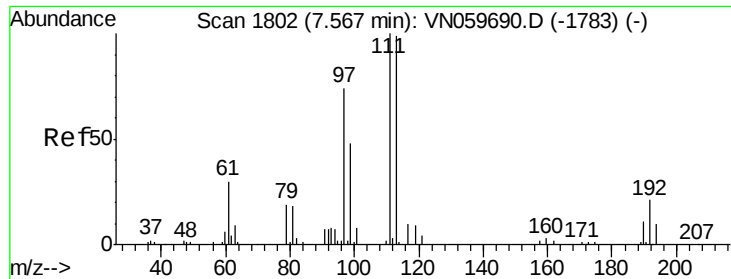
Tot Ion: 65 Resp: 121509
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

Tgt Ion: 114 Resp: 331501
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.3 0.0 31.4

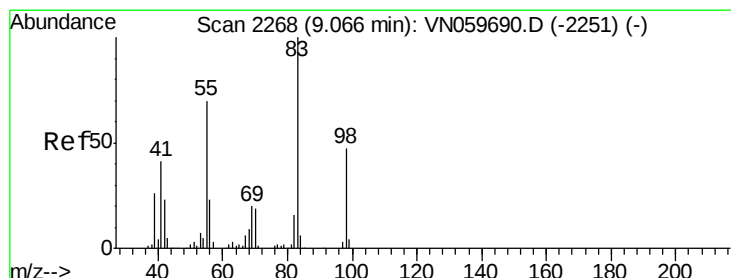
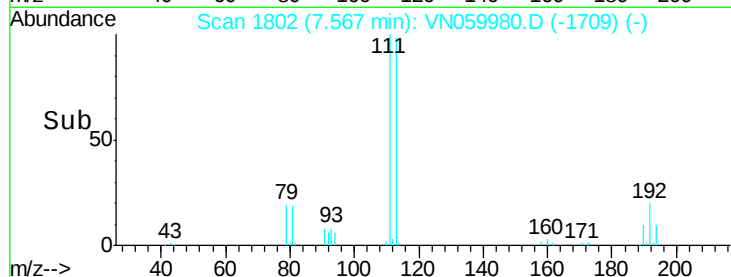
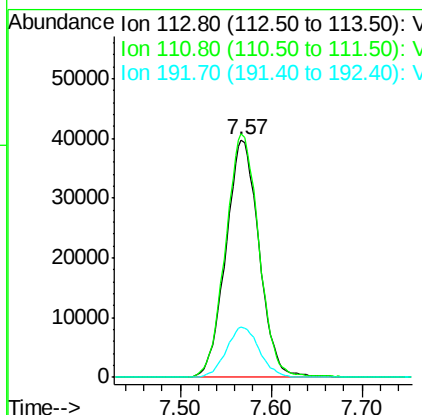
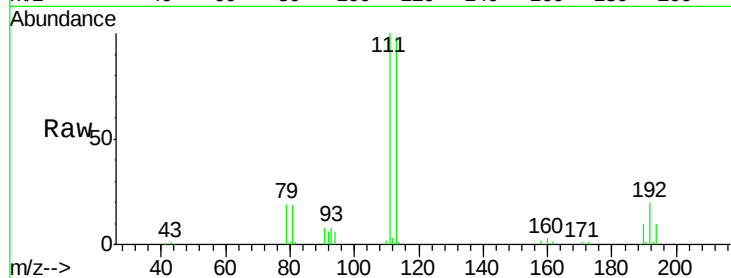




#35
 Dibromofluoromethane
 Concen: 50.816 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

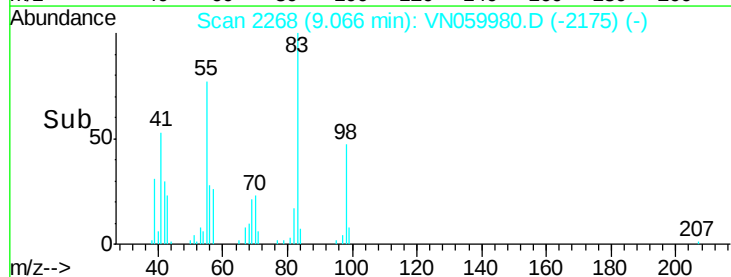
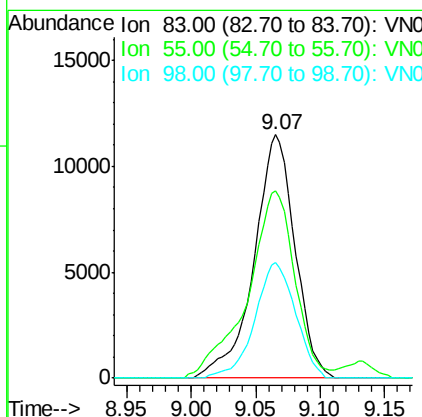
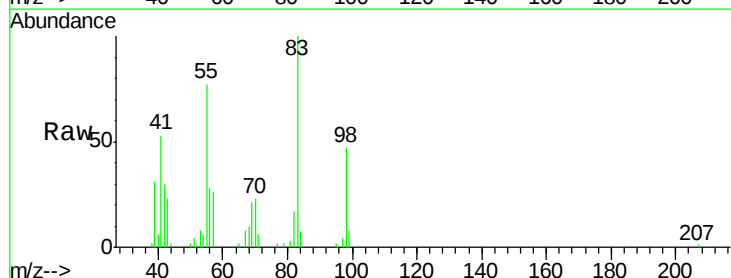
Instrument :
 MSVOA_N
 ClientSampled :
 PD-3-(35-37)

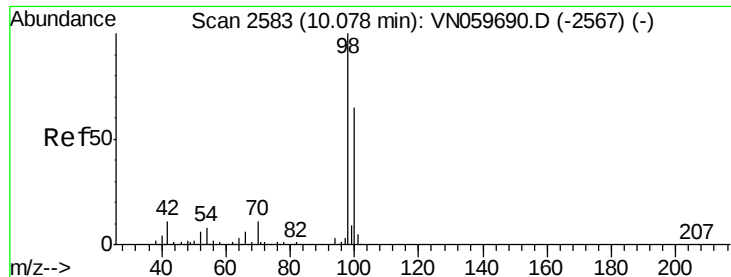
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	21.0	15.4	23.2



#39
 Methylcyclohexane
 Concen: 7.135 ug/l
 RT: 9.07 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.1	64.2	96.2
98	47.3	35.9	53.9





#50

Toluene-d8

Concen: 52.633 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

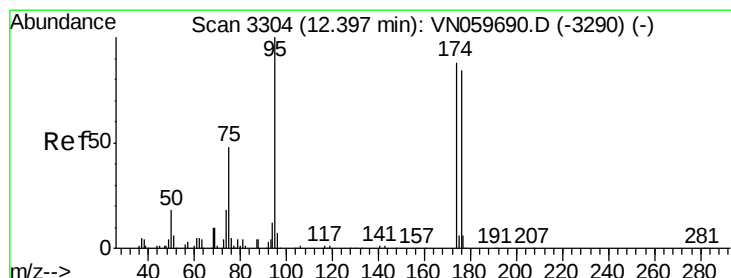
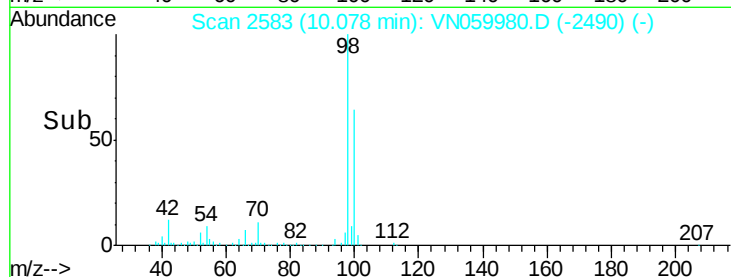
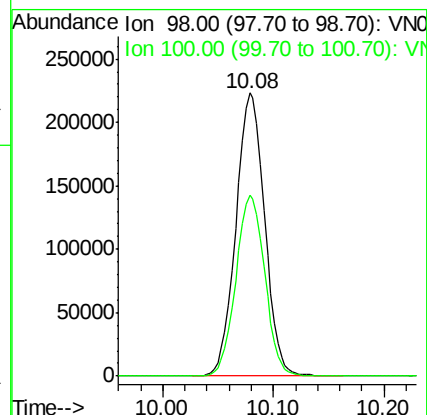
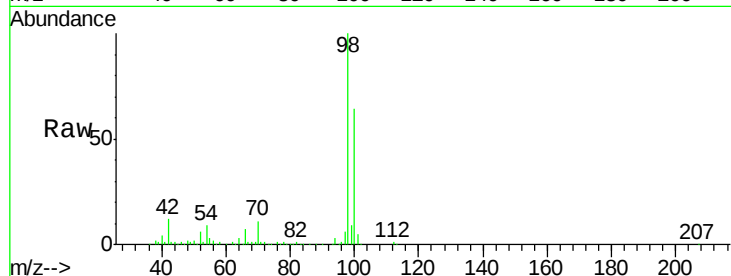
PD-3-(35-37)

Tot Ion: 98 Resp: 403140

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.434 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

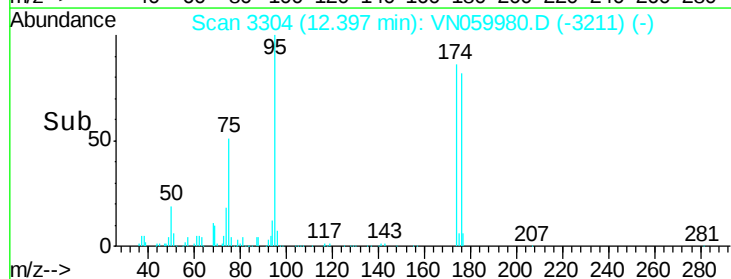
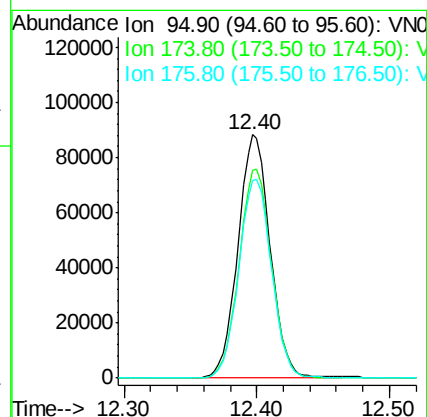
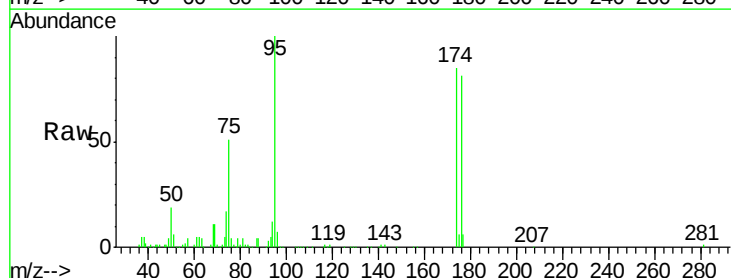
Tgt Ion: 95 Resp: 147544

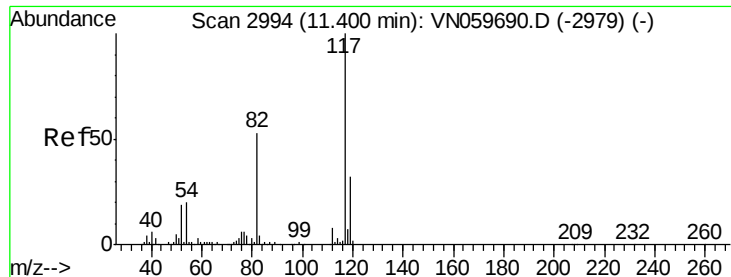
Ion Ratio Lower Upper

95 100

174 87.1 0.0 151.4

176 83.9 0.0 146.0

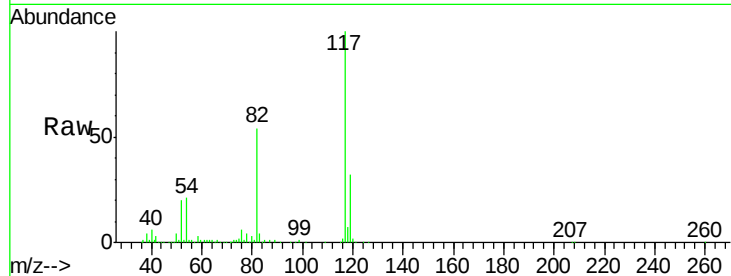




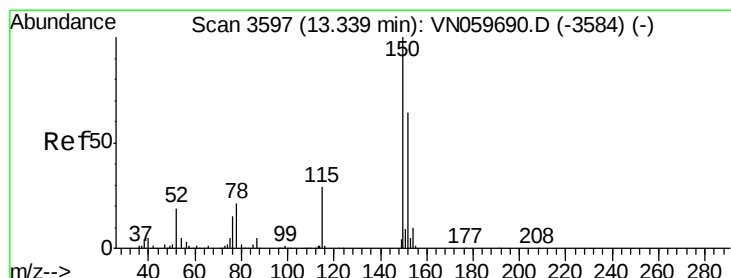
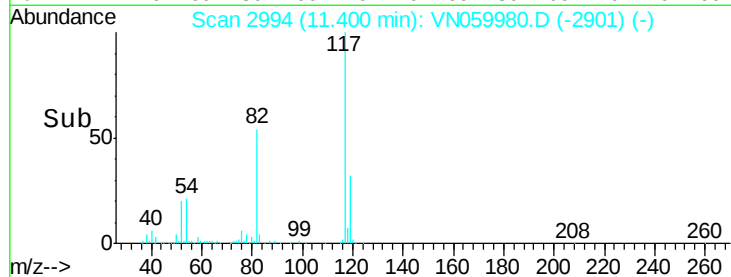
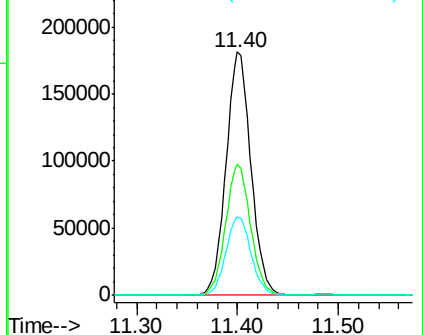
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

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

Tot Ion:117 Resp: 312900
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.4 25.5 38.3

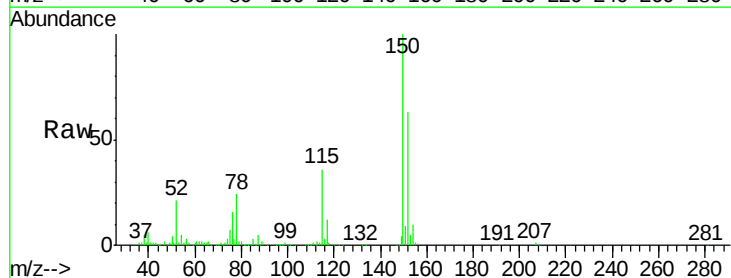


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

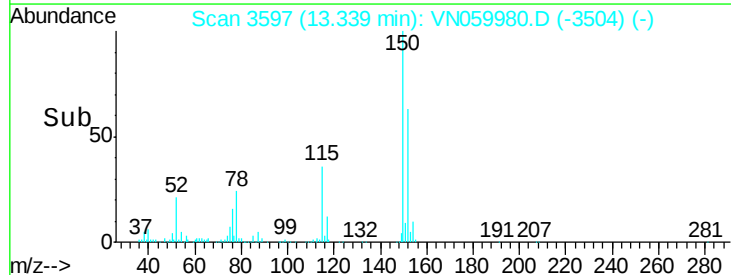
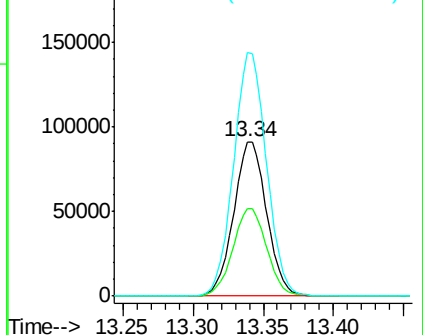


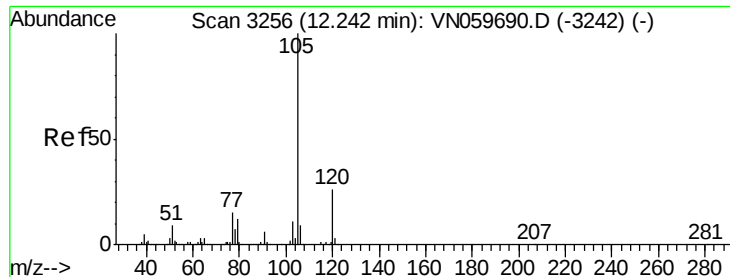
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion:152 Resp: 149487
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 157.7 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: 0.532 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

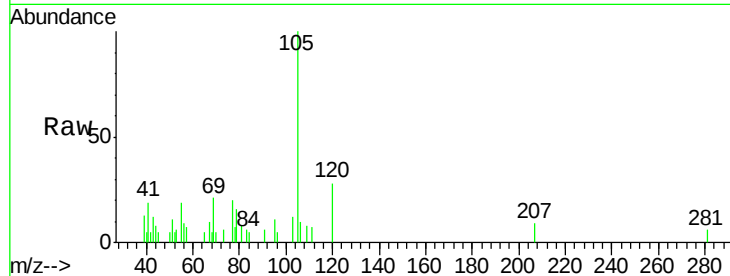
PD-3-(35-37)

Tot Ion: 105 Resp: 5834

Ion Ratio Lower Upper

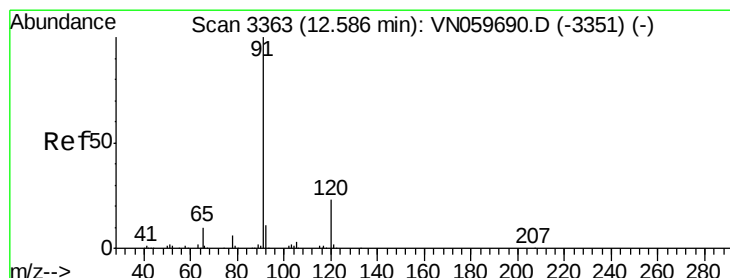
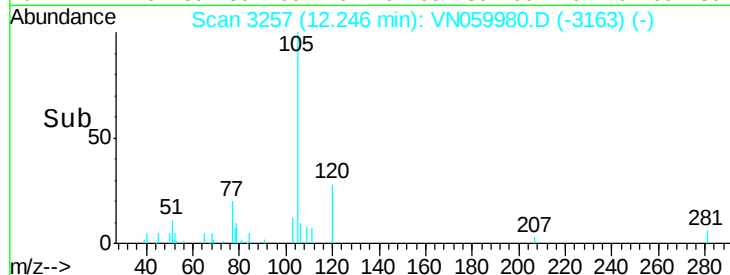
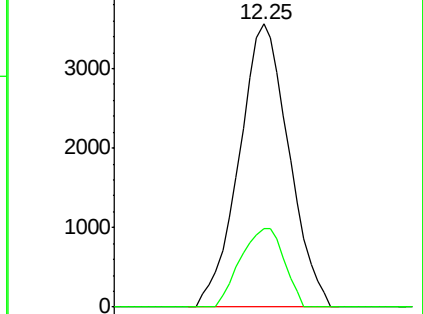
105 100

120 24.4 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: 2.717 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059980.D

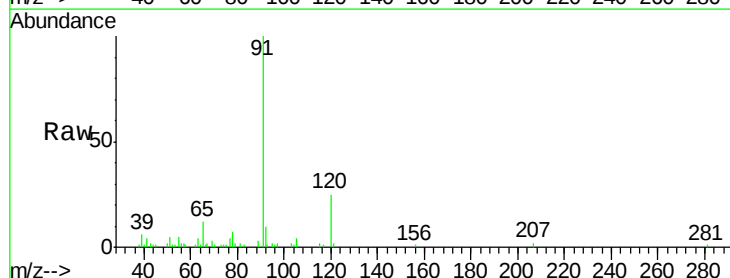
Acq: 3 Feb 2020 17:19

Tgt Ion: 91 Resp: 33428

Ion Ratio Lower Upper

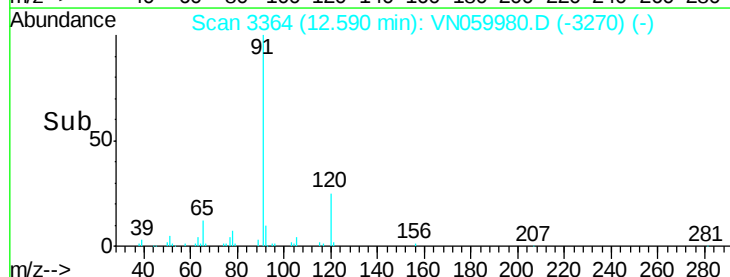
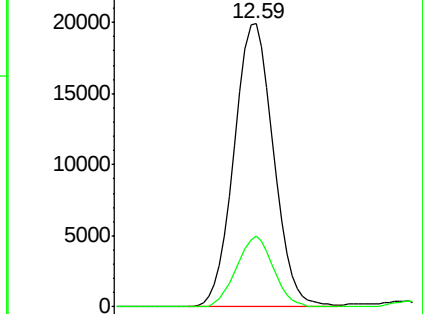
91 100

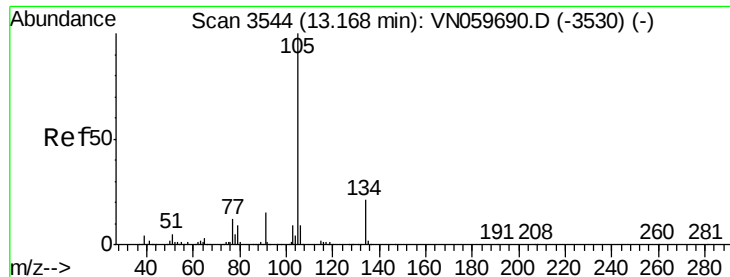
120 23.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

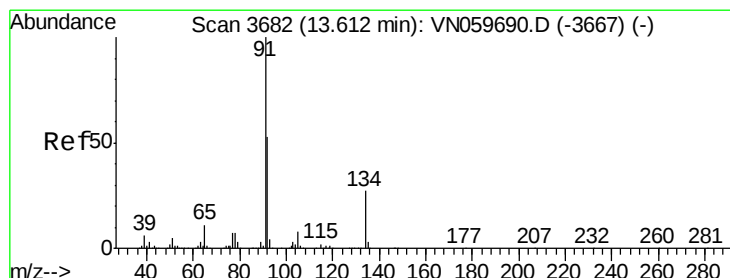
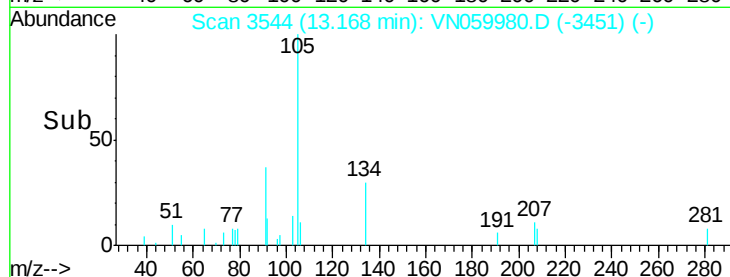
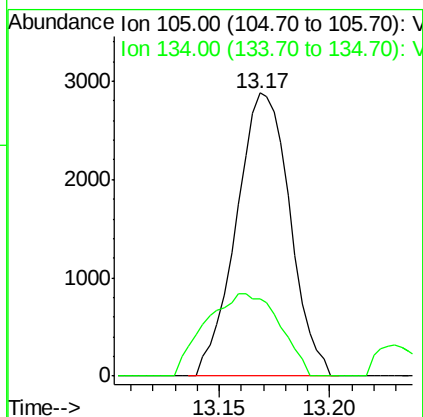
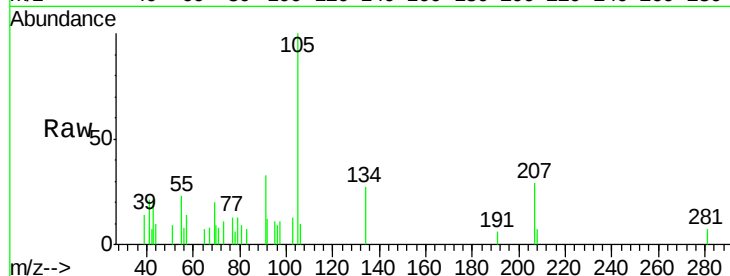




#85
sec-Butylbenzene
Concen: 0.465 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

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

Tot Ion: 105 Resp: 4873
Ion Ratio Lower Upper
105 100
134 40.3 9.8 29.5#



#89
n-Butylbenzene
Concen: 1.281 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 91 Resp: 10585
Ion Ratio Lower Upper
91 100
92 45.5 25.9 77.7
134 0.0 12.3 36.8#

