

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059915.D
 Acq On : 29 Jan 2020 16:20
 Operator : JC/MD
 Sample : PB126412ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#02

Quant Time: Jan 30 01:13:35 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

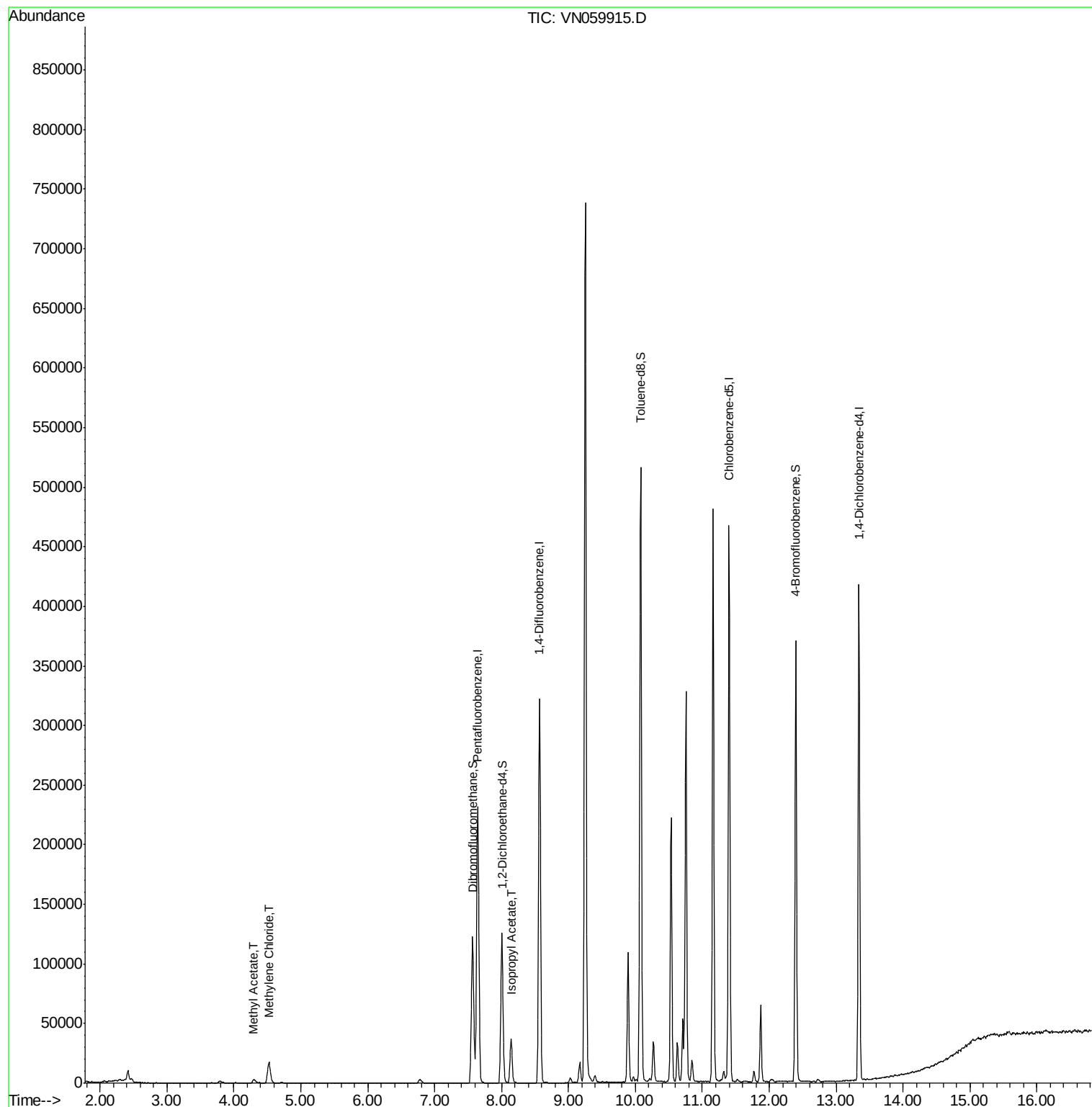
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107877	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	7.57	113	91996	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	10.08	98	363476	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	124152	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
18) Methyl Acetate	4.30	43	6411	2.470	ug/l	98
20) Methylene Chloride	4.52	84	14468	6.060	ug/l	87
43) Isopropyl Acetate	8.14	43	43217	10.118	ug/l #	89

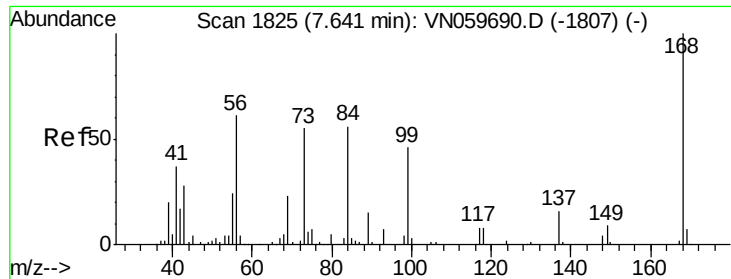
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059915.D

Acq: 29 Jan 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

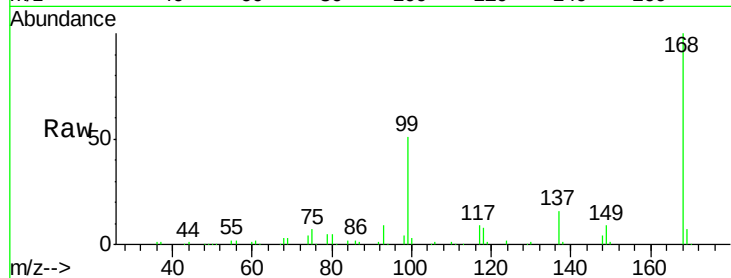
PB126412ZHE#02

Tot Ion:168 Resp: 200078

Ion Ratio Lower Upper

168 100

99 51.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

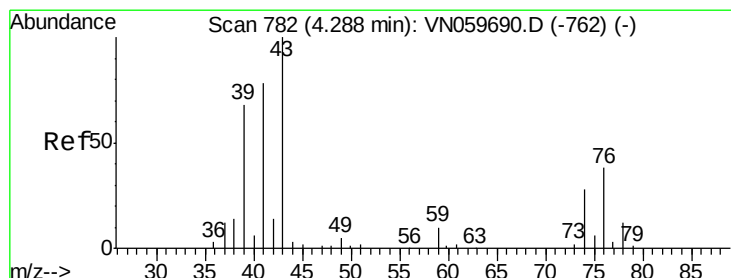
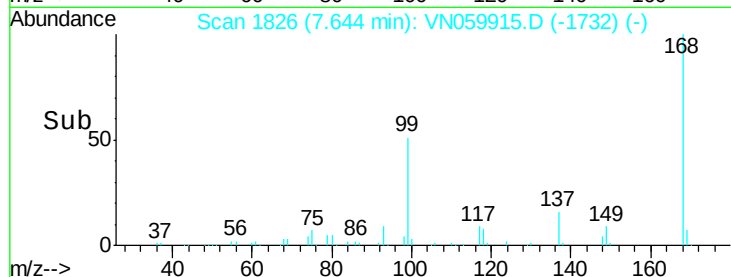
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 2.470 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059915.D

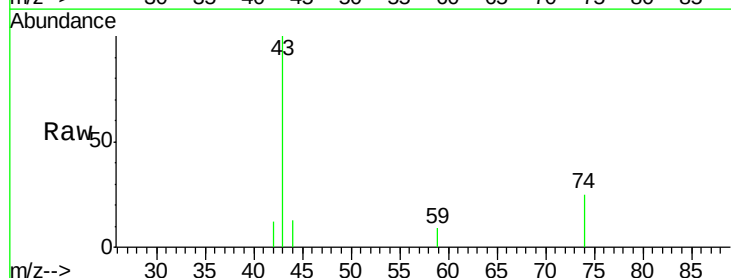
Acq: 29 Jan 2020 16:20

Tgt Ion: 43 Resp: 6411

Ion Ratio Lower Upper

43 100

74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

2500

2000

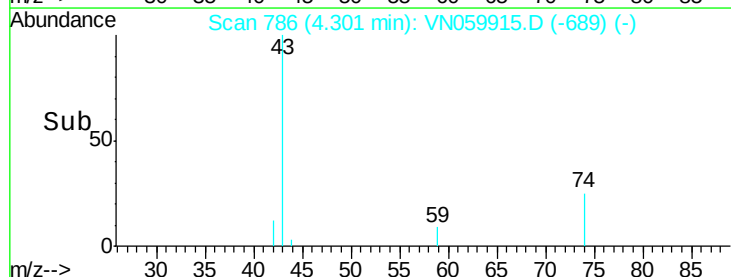
1500

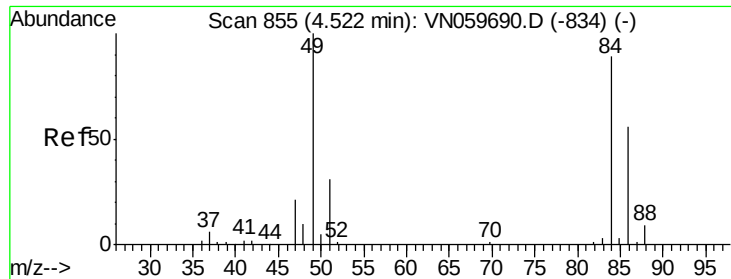
1000

500

0

Time-->

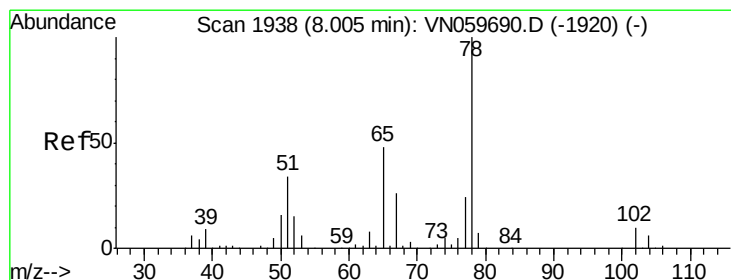
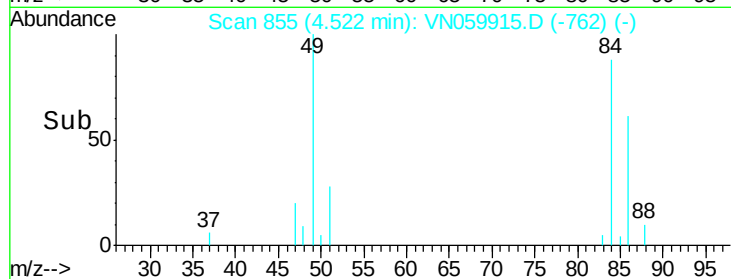
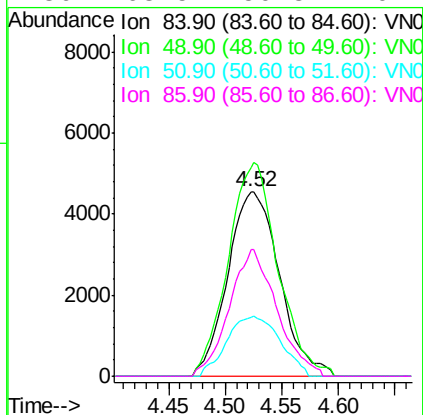
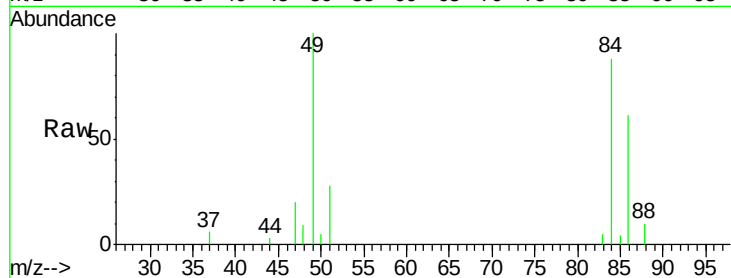




#20
Methylene Chloride
Concen: 6.060 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059915.D
Acq: 29 Jan 2020 16:20

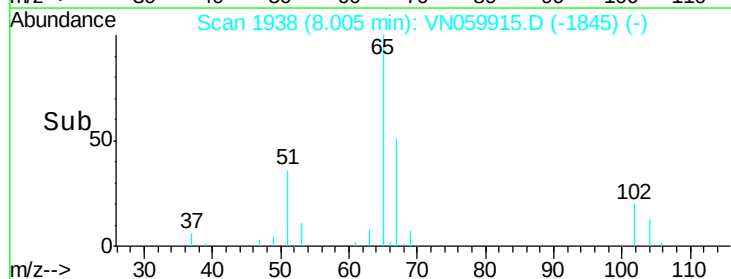
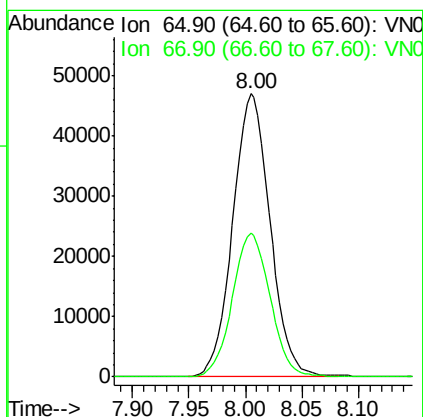
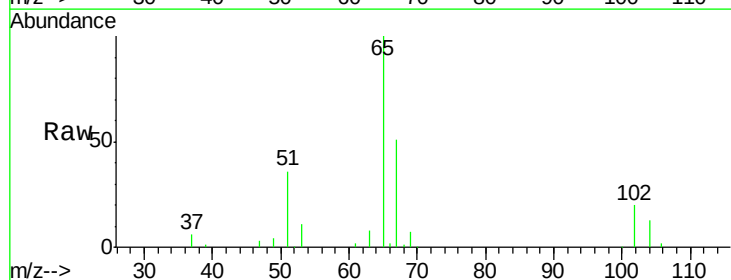
Instrument :
MSVOA_N
ClientSampleId :
PB126412ZHE#02

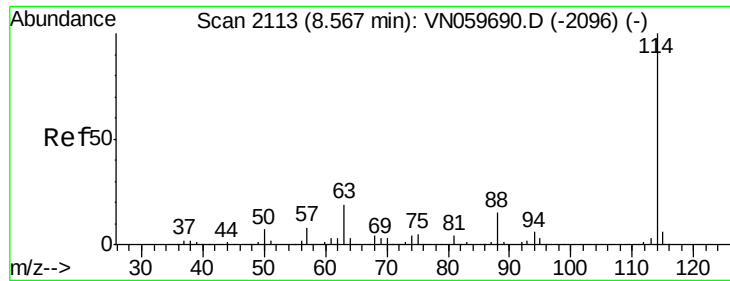
Tot Ion: 84 Resp: 14468
Ion Ratio Lower Upper
84 100
49 113.1 106.6 160.0
51 32.1 31.9 47.9
86 68.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.551 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059915.D
Acq: 29 Jan 2020 16:20

Tgt Ion: 65 Resp: 107877
Ion Ratio Lower Upper
65 100
67 51.5 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: VN059915.D

Acq: 29 Jan 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#02

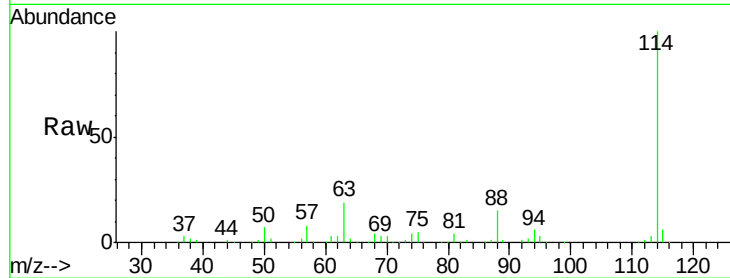
Tot Ion:114 Resp: 304041

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.6

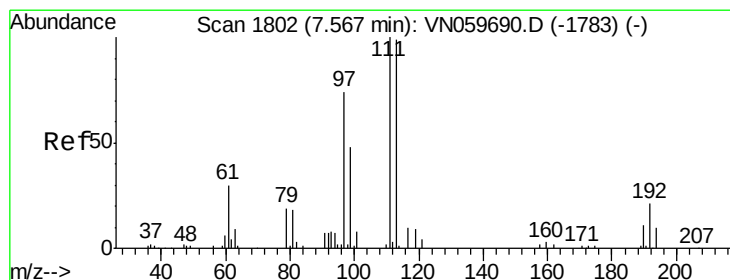
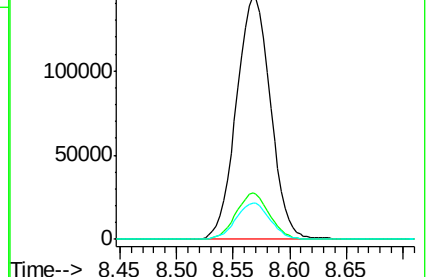
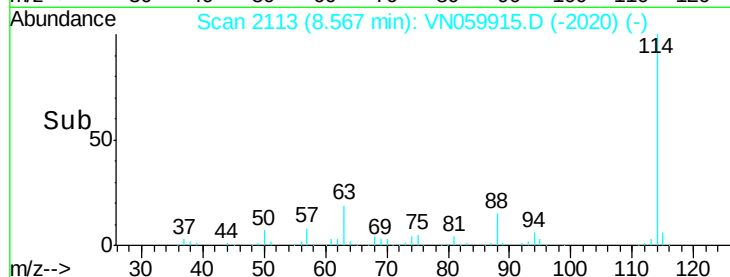
88 15.0 0.0 31.4



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: 50.739 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059915.D

Acq: 29 Jan 2020 16:20

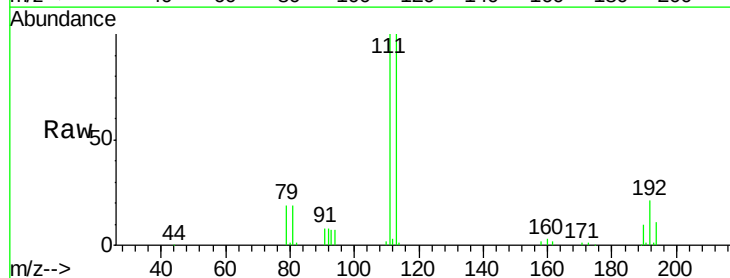
Tgt Ion:113 Resp: 91996

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

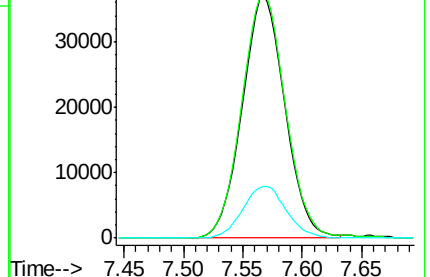
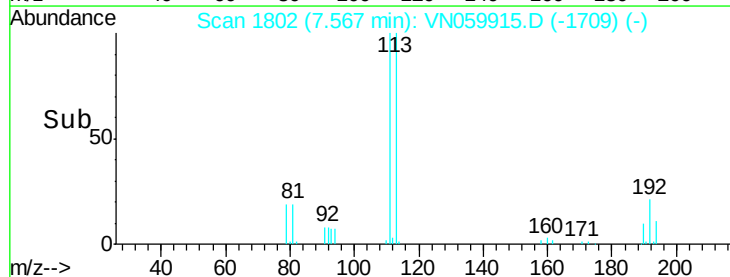
192 21.8 15.4 23.2

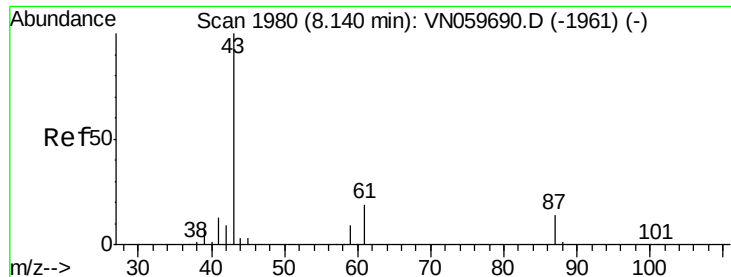


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.118 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059915.D

Acq: 29 Jan 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#02

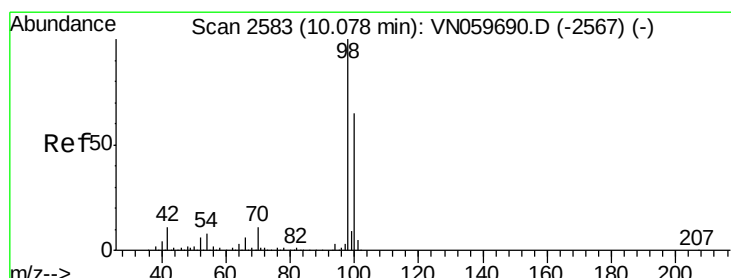
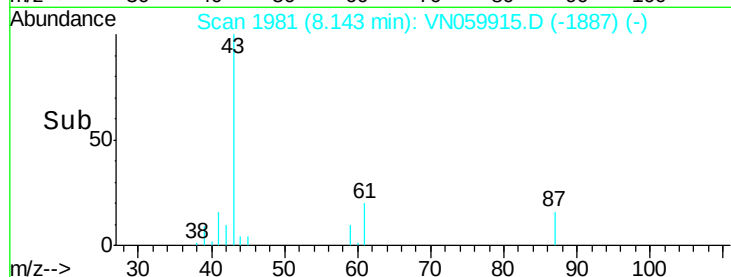
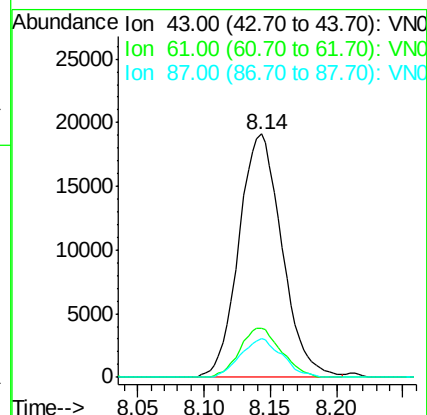
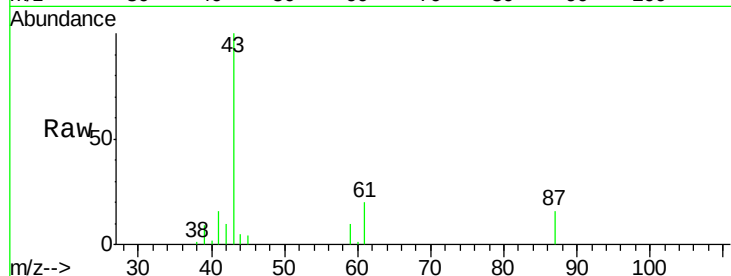
Tot Ion: 43 Resp: 43217

Ion Ratio Lower Upper

43 100

61 19.4 20.2 30.2#

87 15.3 9.5 14.3#



#50

Toluene-d8

Concen: 51.740 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059915.D

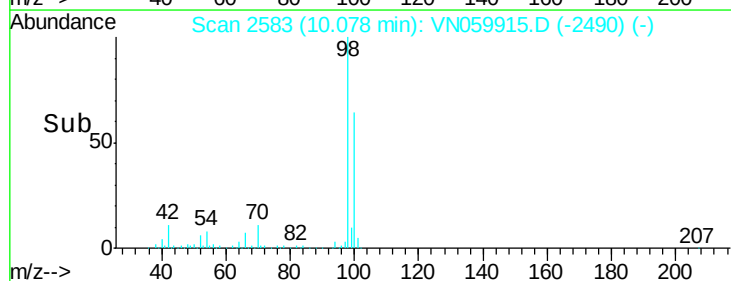
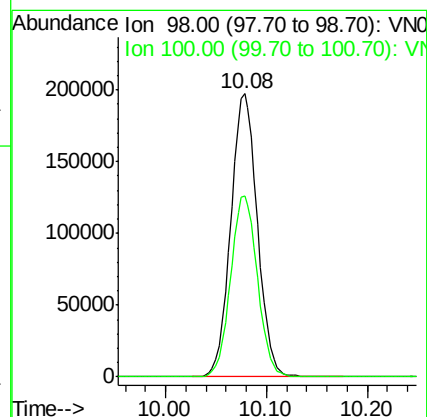
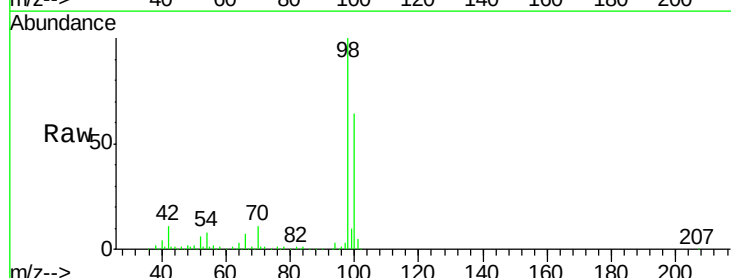
Acq: 29 Jan 2020 16:20

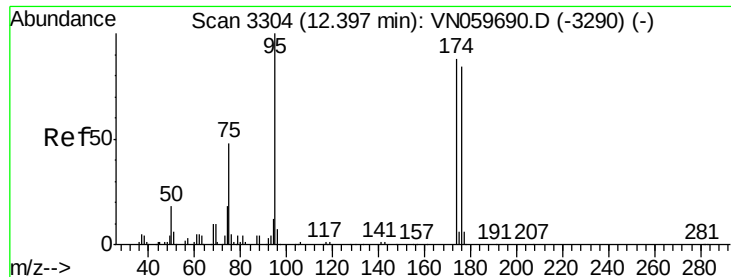
Tgt Ion: 98 Resp: 363476

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 49.024 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059915.D

Acq: 29 Jan 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#02

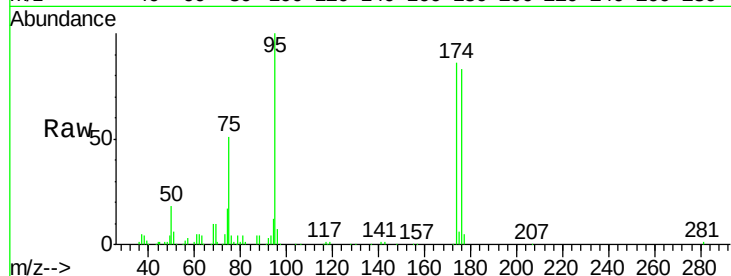
Tot Ion: 95 Resp: 124152

Ion Ratio Lower Upper

95 100

174 86.8 0.0 151.4

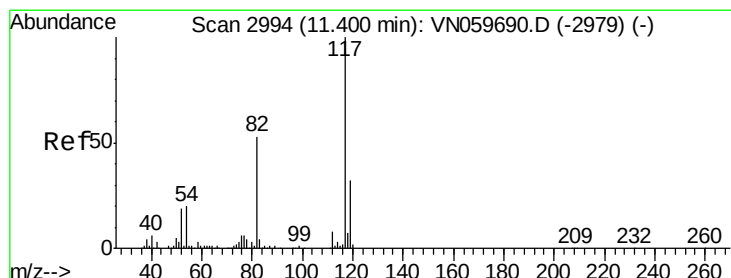
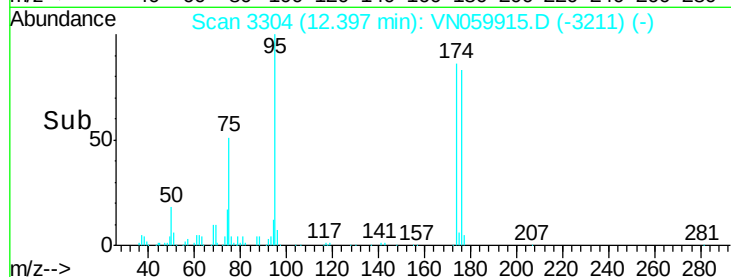
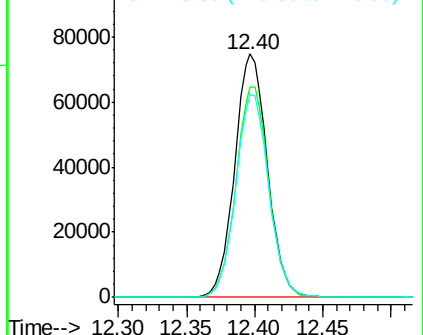
176 84.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059915.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059915.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059915.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059915.D

Acq: 29 Jan 2020 16:20

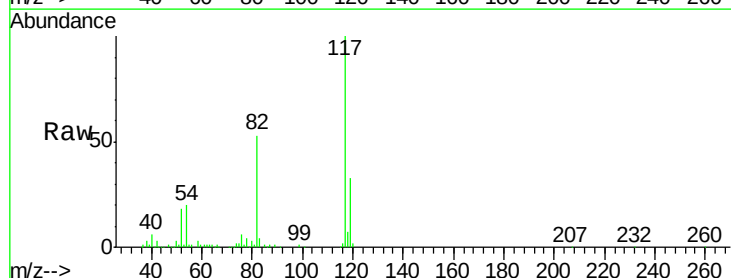
Tgt Ion: 117 Resp: 275586

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

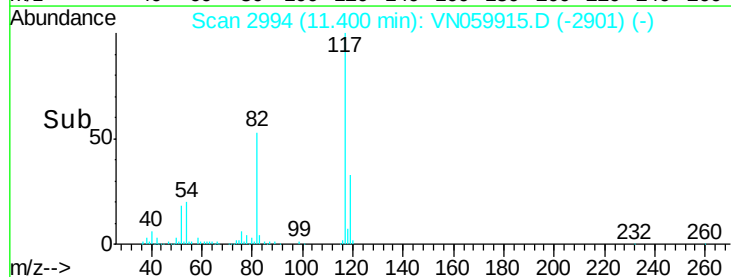
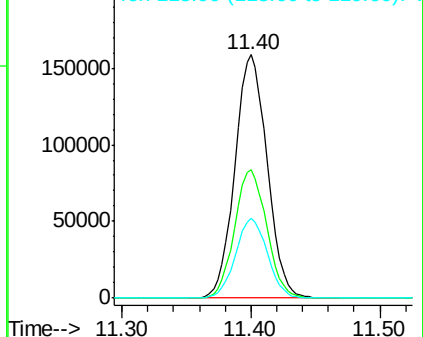
119 32.6 25.5 38.3

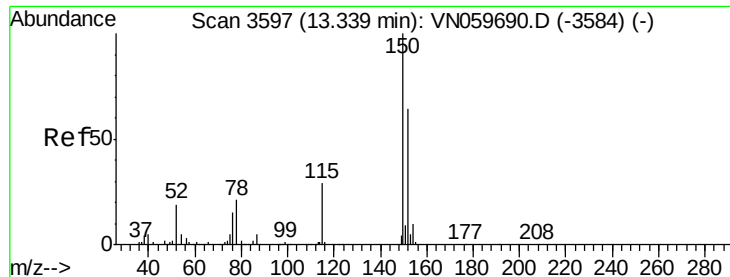


Abundance Ion 116.90 (116.60 to 117.60): VN059915.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059915.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059915.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059915.D

Acq: 29 Jan 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#02

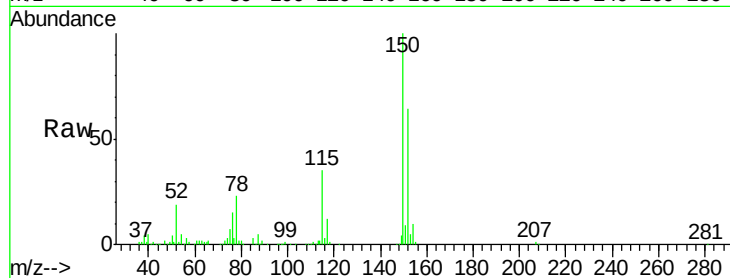
Tot Ion:152 Resp: 115863

Ion Ratio Lower Upper

152 100

115 56.7 30.3 90.9

150 158.2 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

