

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059917.D
 Acq On : 29 Jan 2020 17:07
 Operator : JC/MD
 Sample : PB126412ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#04

Quant Time: Jan 30 01:19:41 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

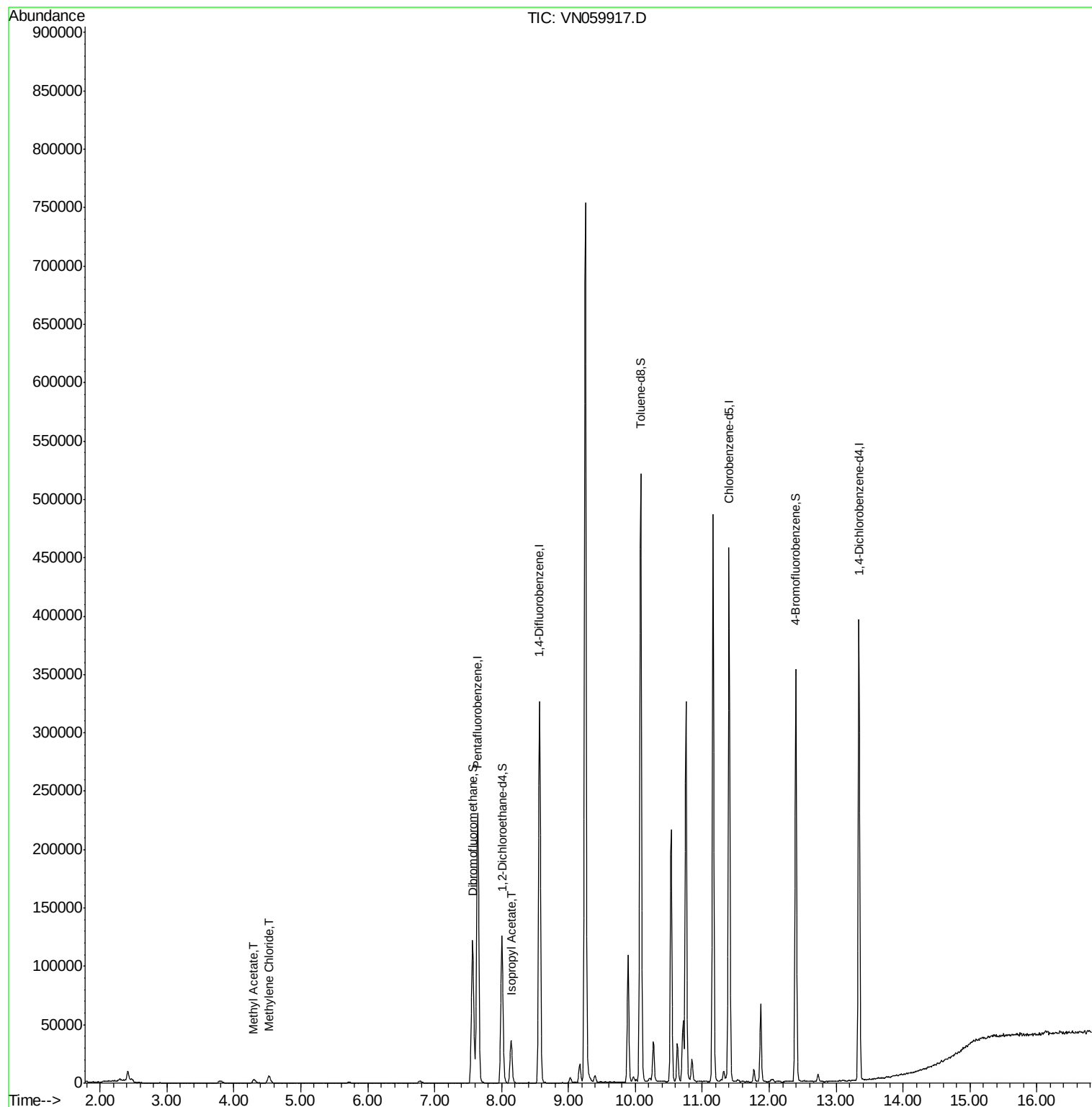
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108257	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	7.57	113	91912	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.08	98	361171	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	119422	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
18) Methyl Acetate	4.30	43	6723	2.567	ug/l	100
20) Methylene Chloride	4.53	84	5204	1.305	ug/l	88
43) Isopropyl Acetate	8.14	43	43064	10.000	ug/l #	92

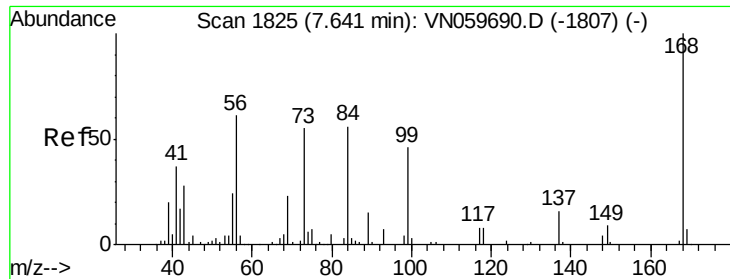
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059917.D

Acq: 29 Jan 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

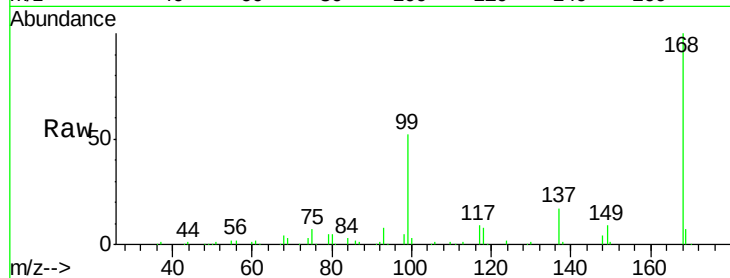
PB126412ZHE#04

Tot Ion:168 Resp: 201897

Ion Ratio Lower Upper

168 100

99 51.8 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

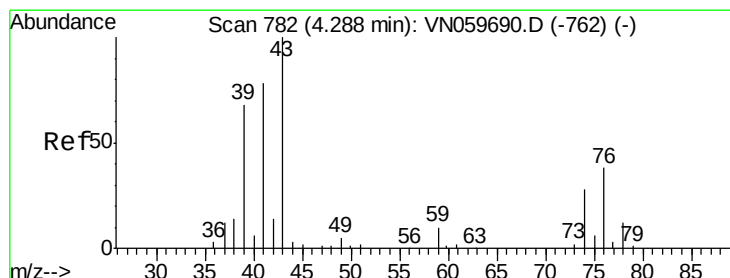
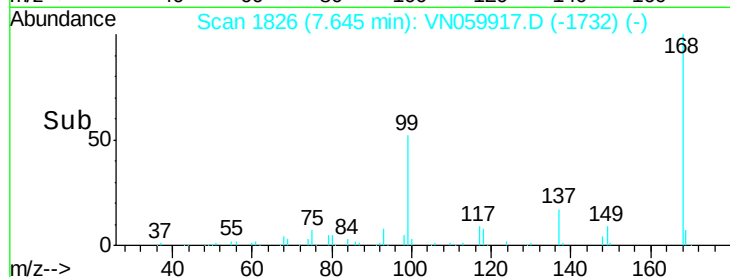
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.567 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059917.D

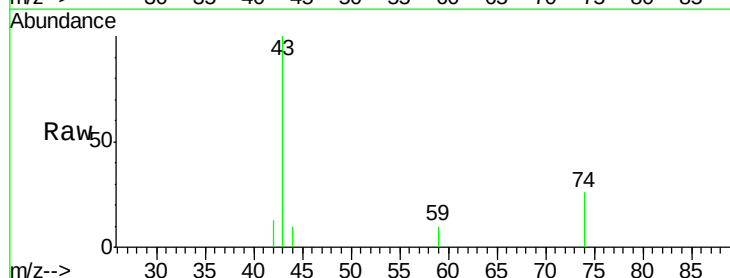
Acq: 29 Jan 2020 17:07

Tgt Ion: 43 Resp: 6723

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

2500

2000

1500

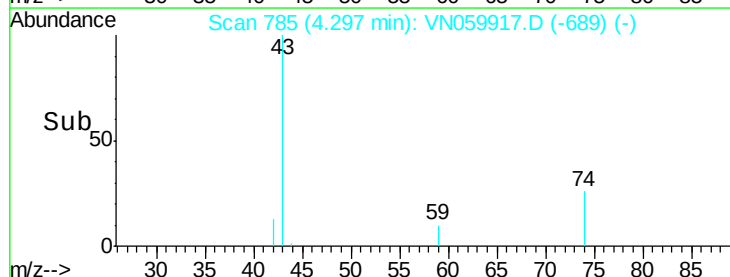
1000

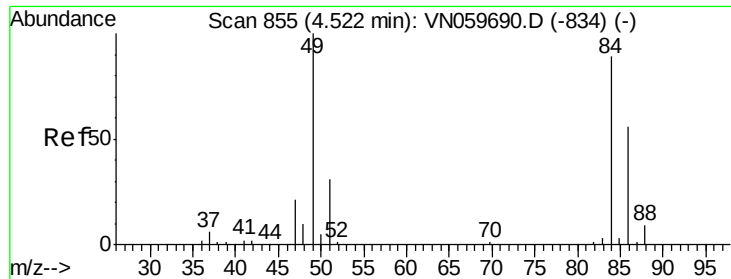
500

0

4.20 4.25 4.30 4.35 4.40

Time-->

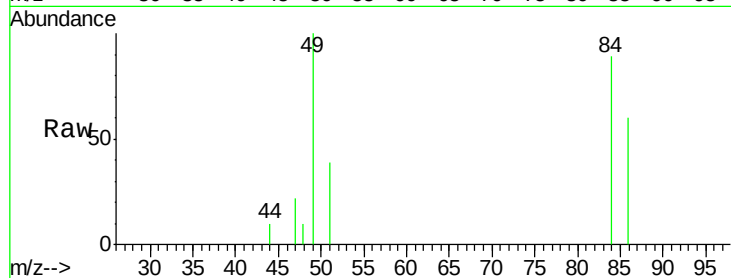




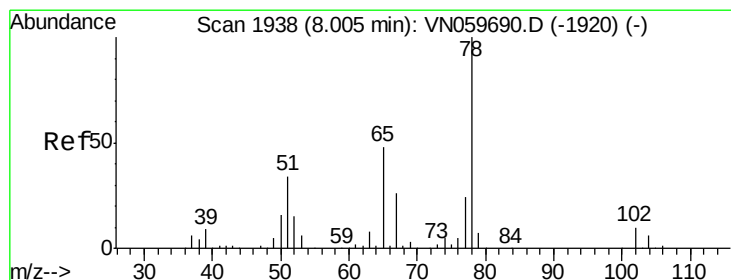
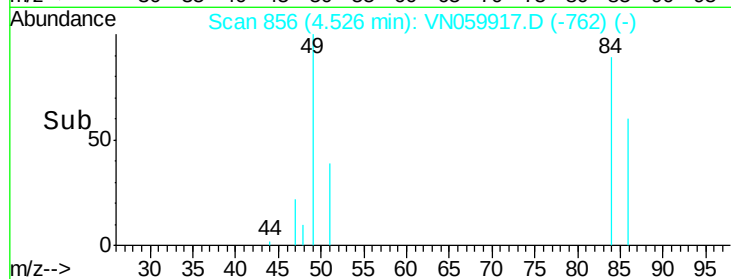
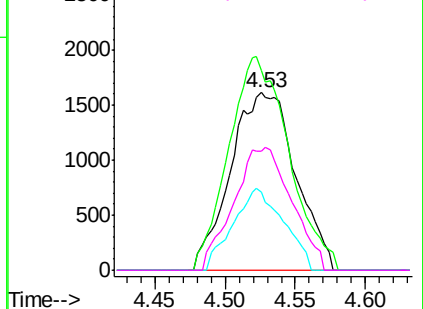
#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059917.D
Acq: 29 Jan 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
PB126412ZHE#04

Tot Ion: 84 Resp: 5204
Ion Ratio Lower Upper
84 100
49 112.1 106.6 160.0
51 44.0 31.9 47.9
86 66.9 50.8 76.2

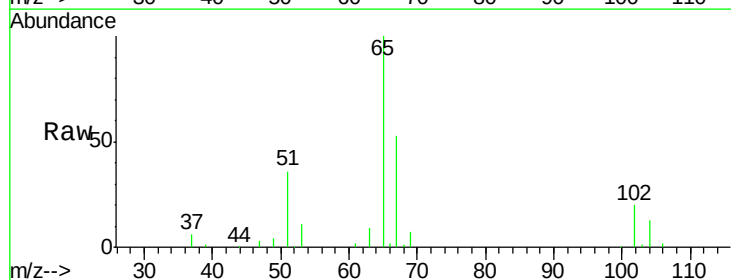


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

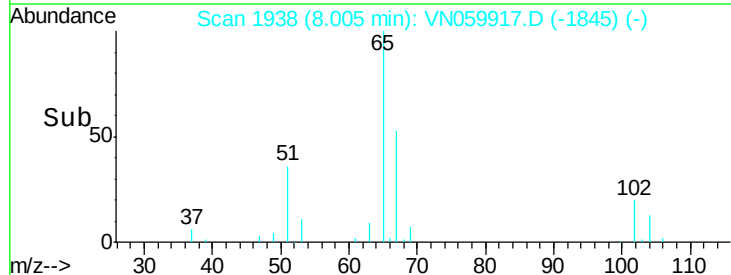
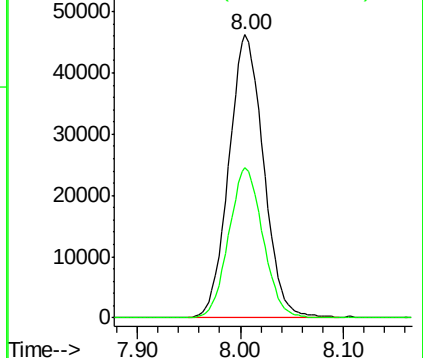


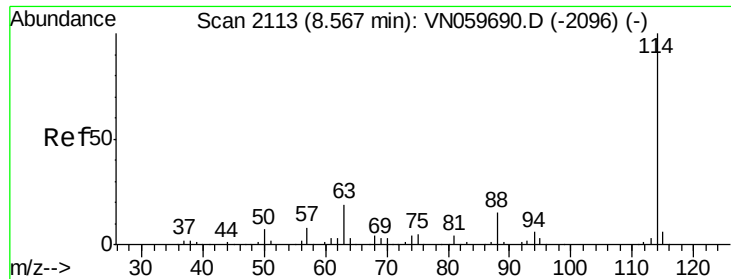
#33
1,2-Dichloroethane-d4
Concen: 48.283 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059917.D
Acq: 29 Jan 2020 17:07

Tgt Ion: 65 Resp: 108257
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

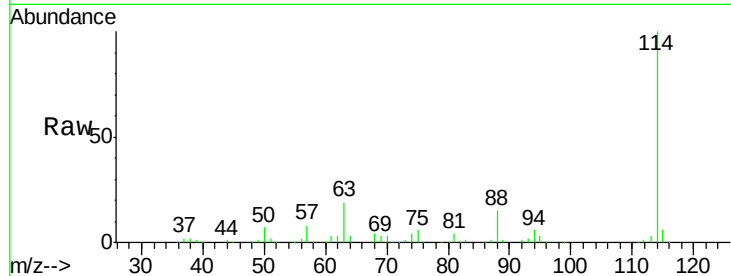




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059917.D
 Acq: 29 Jan 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#04

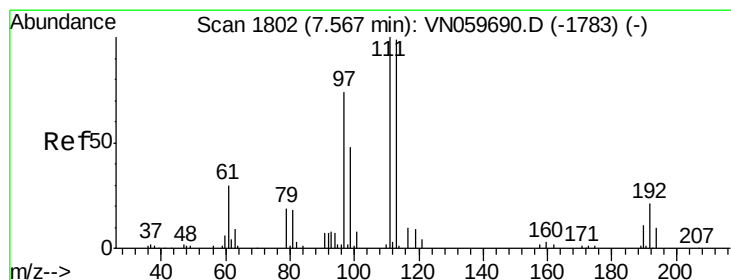
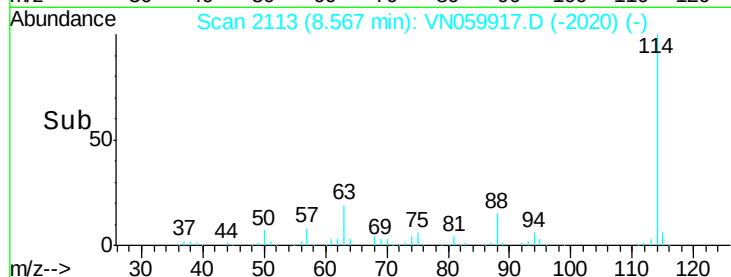
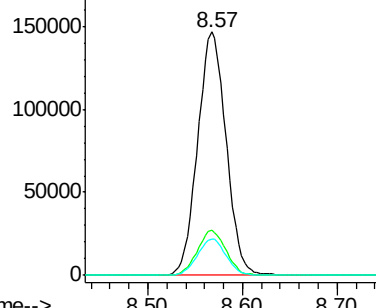
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.6
88	15.0	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

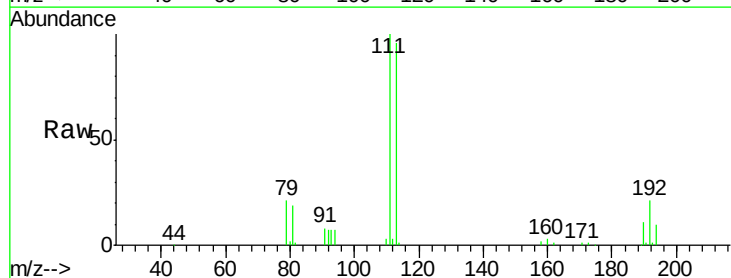
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.278 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059917.D
 Acq: 29 Jan 2020 17:07

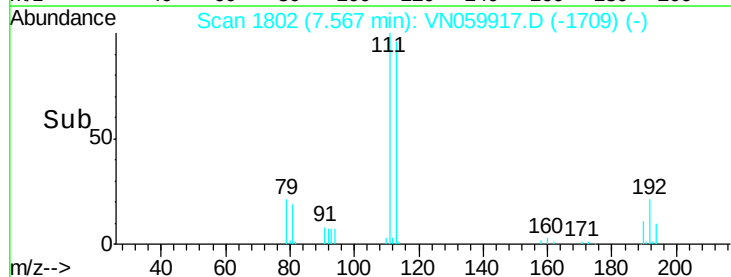
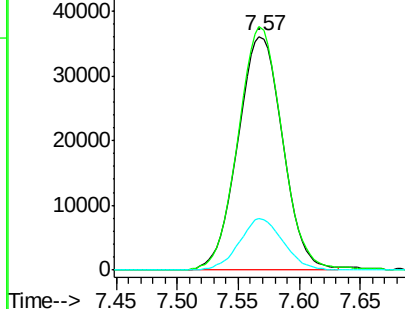
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	21.4	15.4	23.2

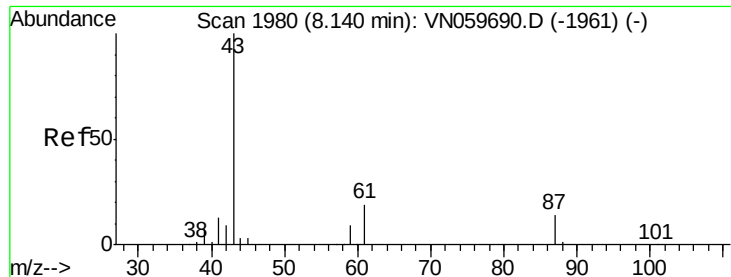


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.000 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059917.D

Acq: 29 Jan 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#04

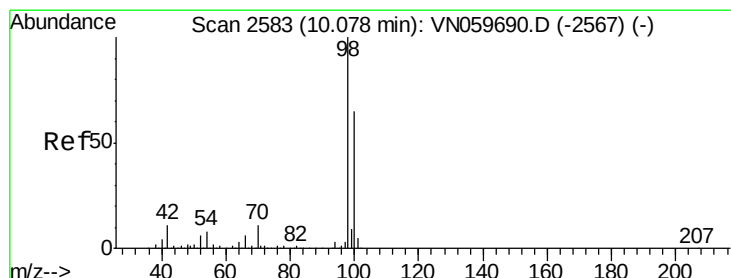
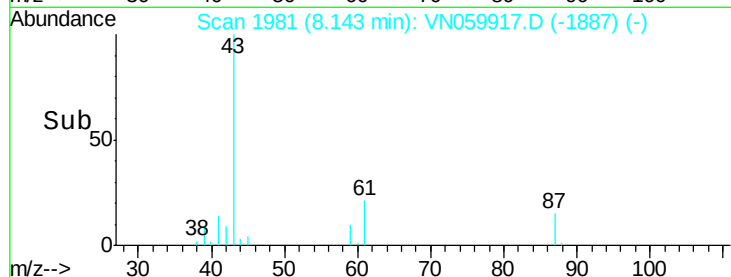
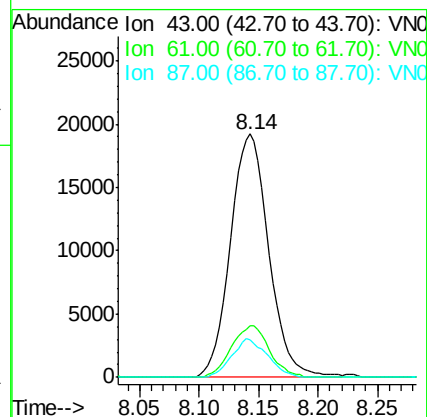
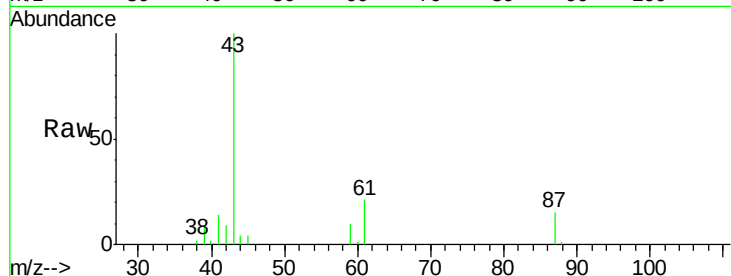
Tot Ion: 43 Resp: 43064

Ion Ratio Lower Upper

43 100

61 20.8 20.2 30.2

87 14.7 9.5 14.3#



#50

Toluene-d8

Concen: 50.992 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059917.D

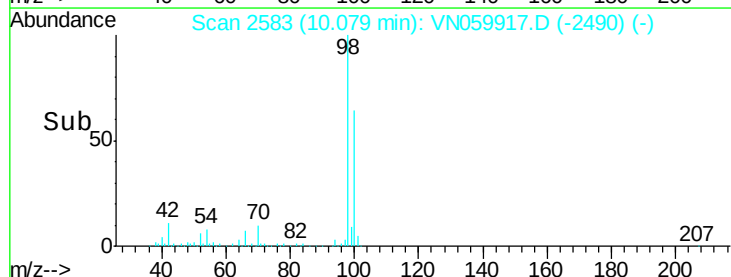
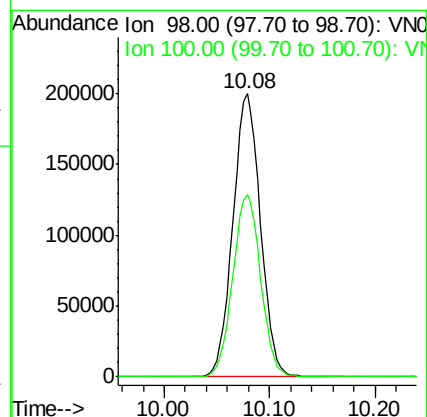
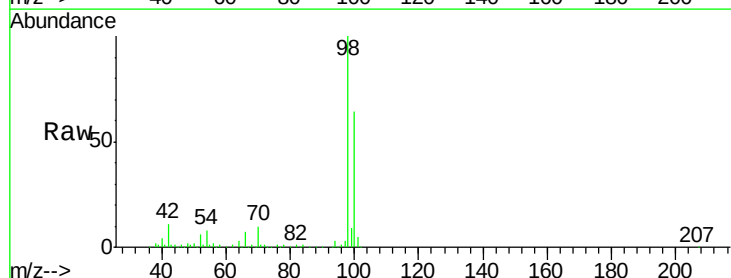
Acq: 29 Jan 2020 17:07

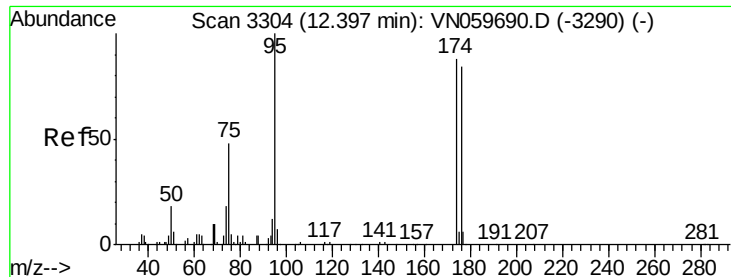
Tgt Ion: 98 Resp: 361171

Ion Ratio Lower Upper

98 100

100 65.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.770 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059917.D

Acq: 29 Jan 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#04

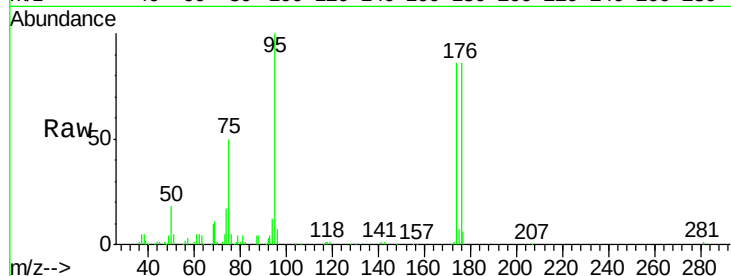
Tot Ion: 95 Resp: 119422

Ion Ratio Lower Upper

95 100

174 87.3 0.0 151.4

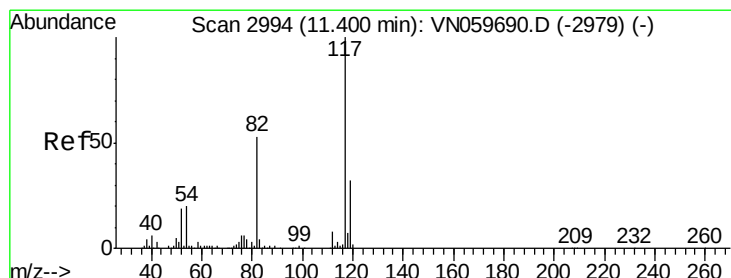
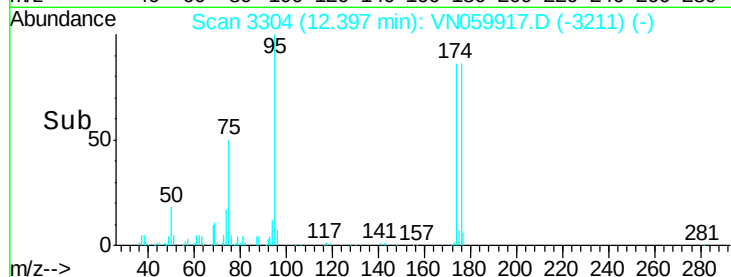
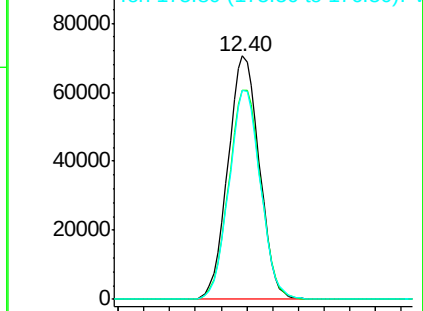
176 85.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059917.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059917.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059917.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059917.D

Acq: 29 Jan 2020 17:07

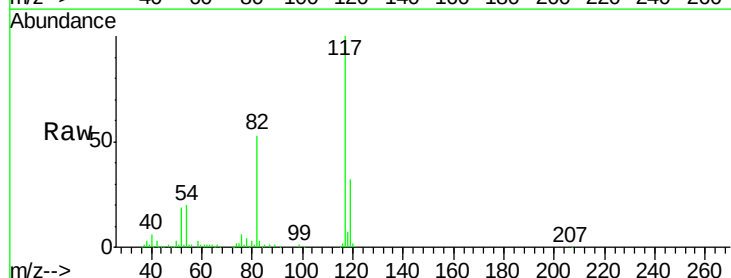
Tgt Ion: 117 Resp: 269114

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

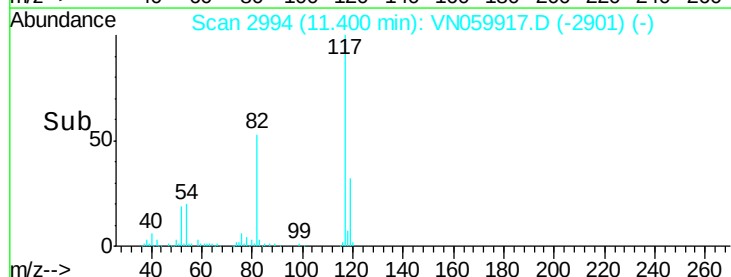
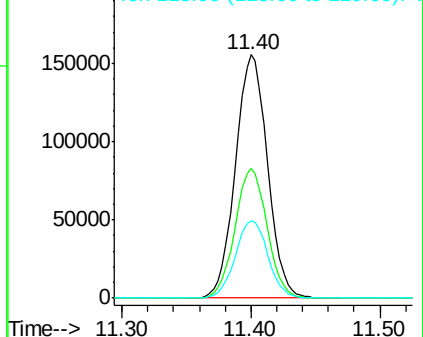
119 32.0 25.5 38.3

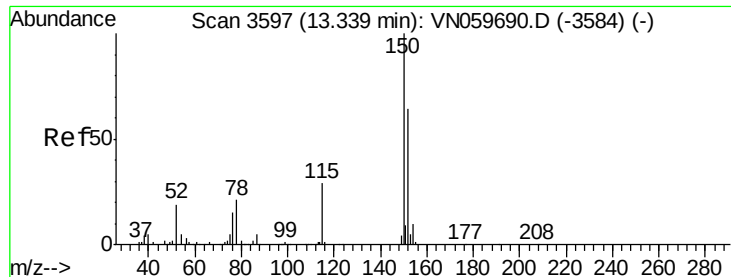


Abundance Ion 116.90 (116.60 to 117.60): VN059917.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059917.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059917.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059917.D

Acq: 29 Jan 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#04

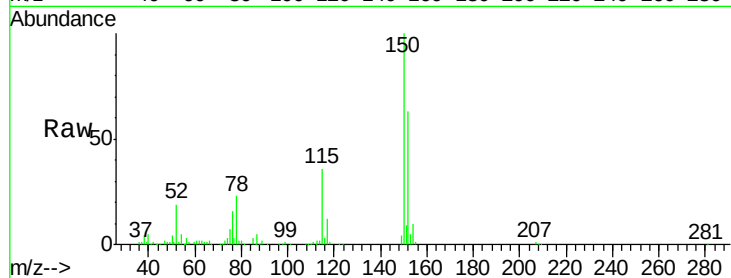
Tot Ion:152 Resp: 109719

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 157.1 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

