

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059759.D
 Acq On : 17 Jan 2020 14:35
 Operator : JC/MD
 Sample : PB126145ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126145ZHE#10

Quant Time: Jan 20 03:09:15 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

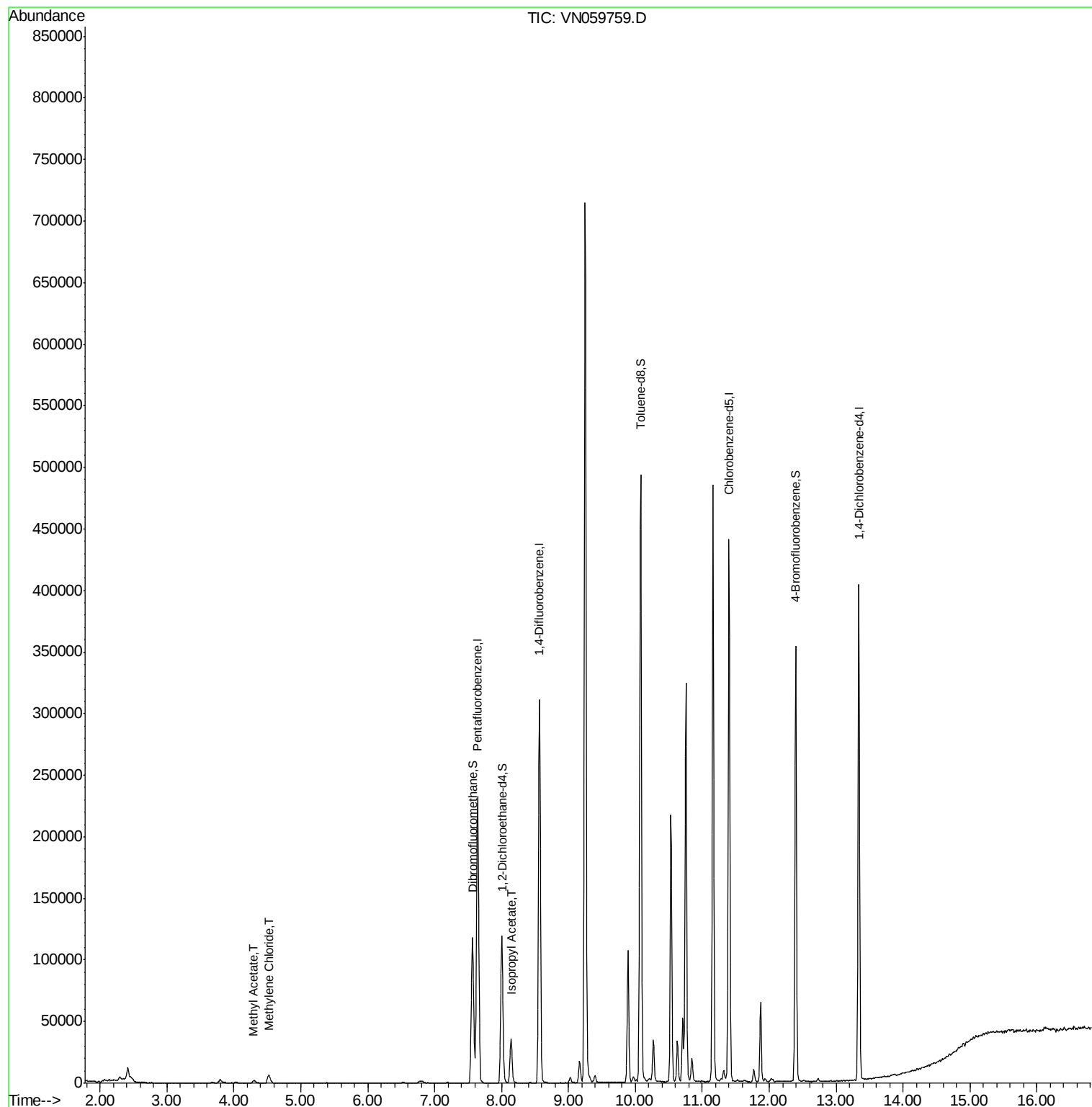
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103405	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.56	113	90713	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.08	98	343562	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	117990	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
18) Methyl Acetate	4.29	43	4478	1.738	ug/l	95
20) Methylene Chloride	4.52	84	5615	1.560	ug/l	87
43) Isopropyl Acetate	8.14	43	42403	10.214	ug/l #	92

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

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Quant Time: Jan 20 03:09:15 2020
Quant Method : Z:\V0ASRV\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: VN059759.D

Acq: 17 Jan 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

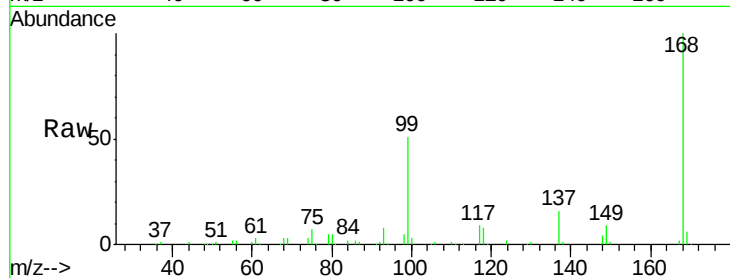
PB126145ZHE#10

Tot Ion:168 Resp: 198637

Ion Ratio Lower Upper

168 100

99 50.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059759.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059759.D (-1732) (-)

7.64

80000

60000

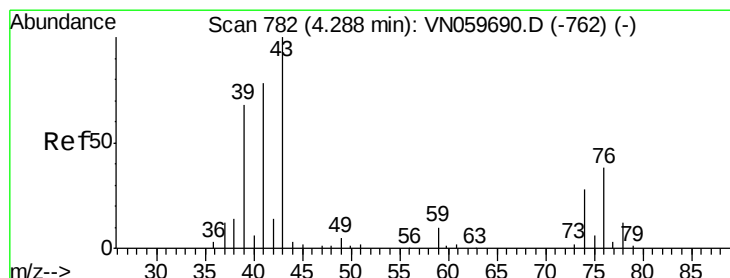
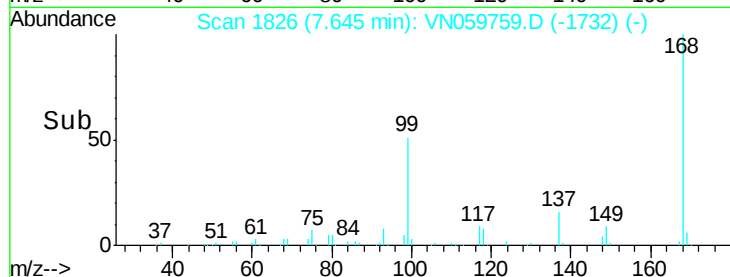
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.738 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059759.D

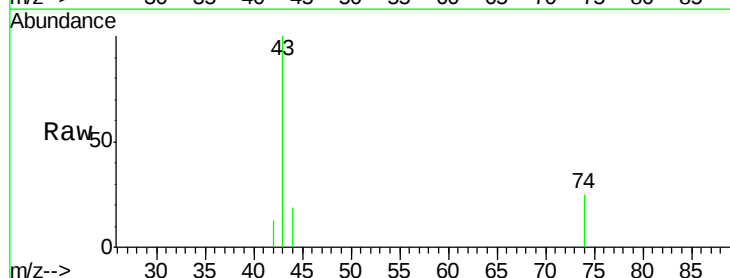
Acq: 17 Jan 2020 14:35

Tgt Ion: 43 Resp: 4478

Ion Ratio Lower Upper

43 100

74 19.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059759.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059759.D (-689) (-)

4.29

1500

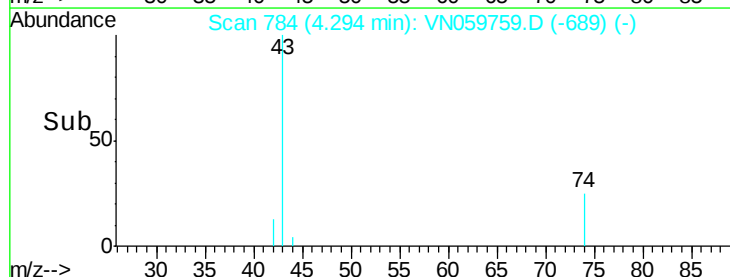
1000

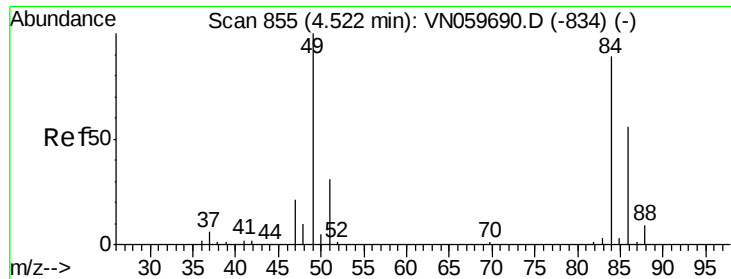
500

0

4.20 4.25 4.30 4.35 4.40

Time-->

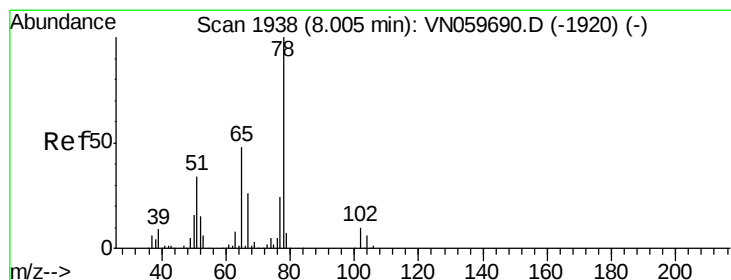
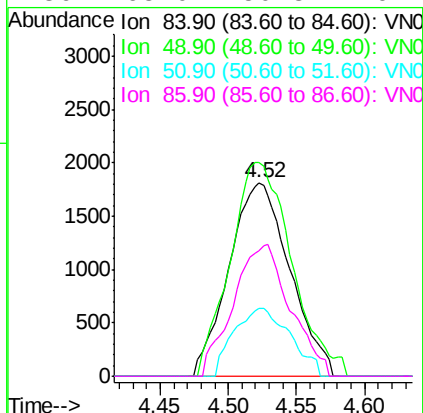
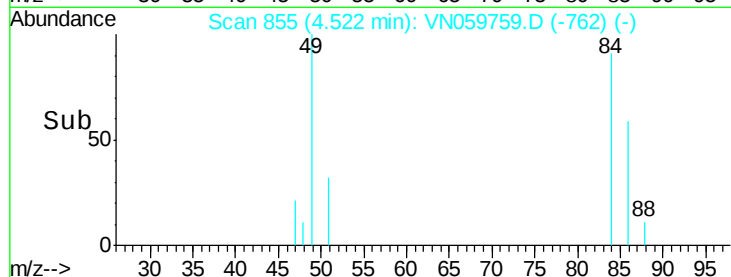
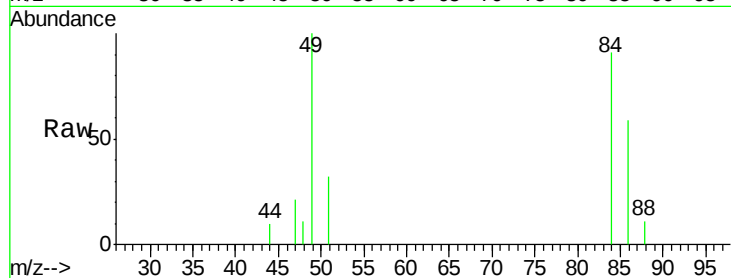




#20
Methylene Chloride
Concen: 1.560 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059759.D
Acq: 17 Jan 2020 14:35

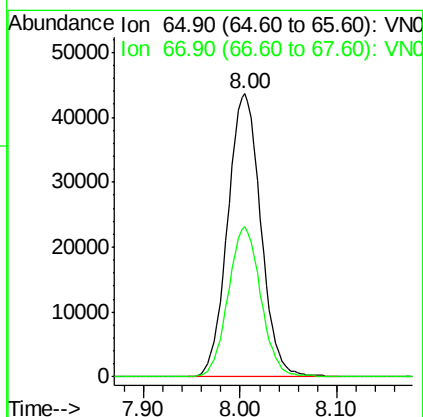
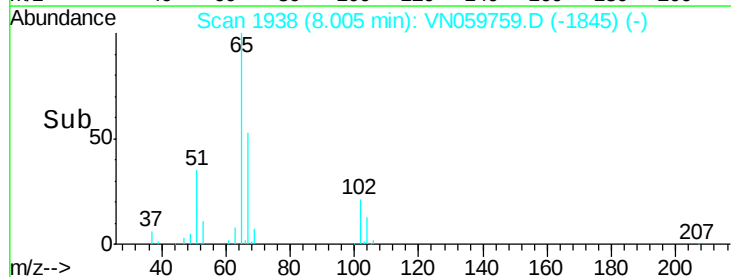
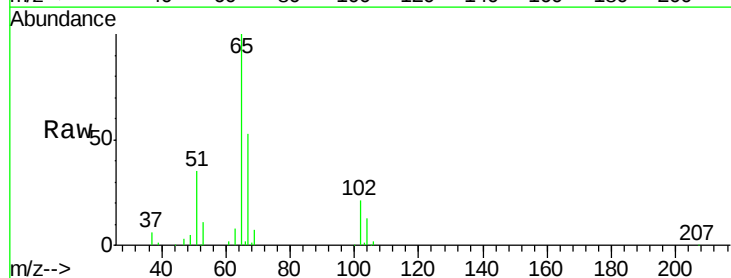
Instrument :
MSVOA_N
ClientSampleId :
PB126145ZHE#10

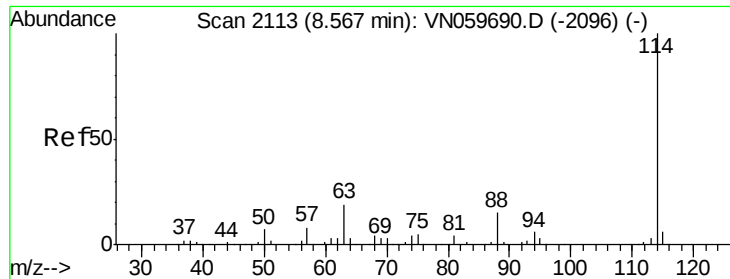
Tot Ion: 84 Resp: 5615
Ion Ratio Lower Upper
84 100
49 110.2 106.6 160.0
51 35.2 31.9 47.9
86 65.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 46.876 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059759.D
Acq: 17 Jan 2020 14:35

Tgt Ion: 65 Resp: 103405
Ion Ratio Lower Upper
65 100
67 52.1 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: VN059759.D

Acq: 17 Jan 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

PB126145ZHE#10

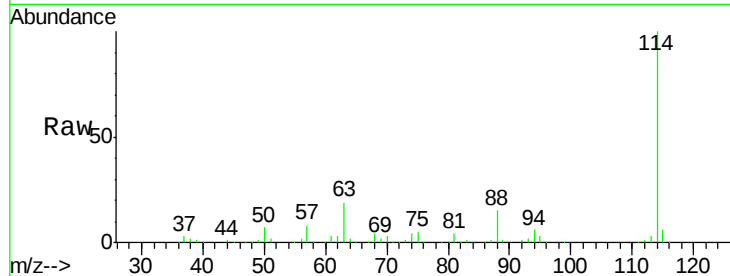
Tot Ion:114 Resp: 295506

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.6

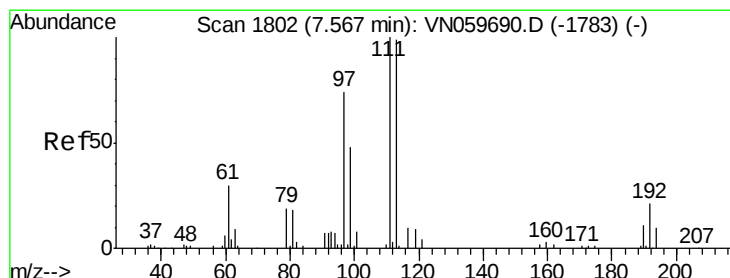
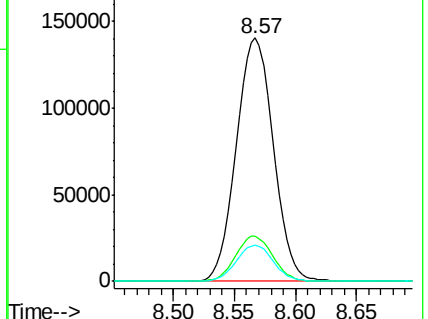
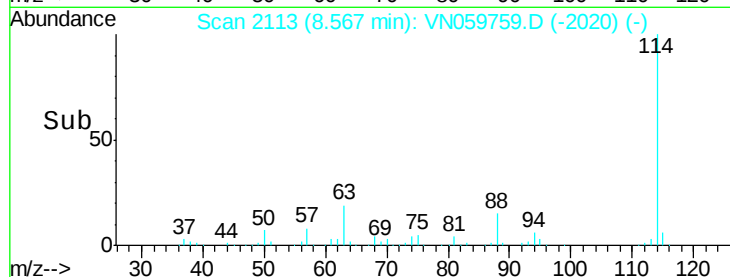
88 14.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.476 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059759.D

Acq: 17 Jan 2020 14:35

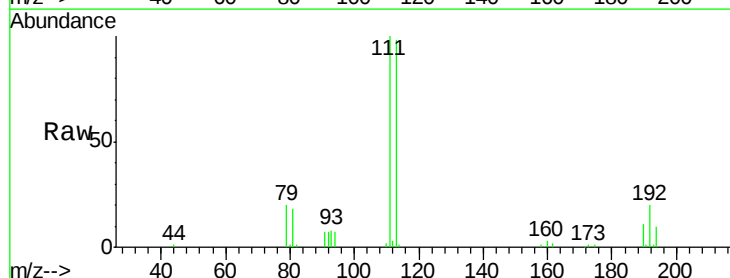
Tgt Ion:113 Resp: 90713

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

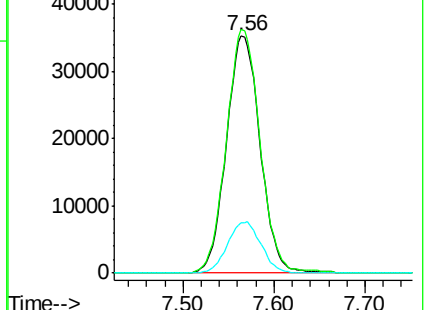
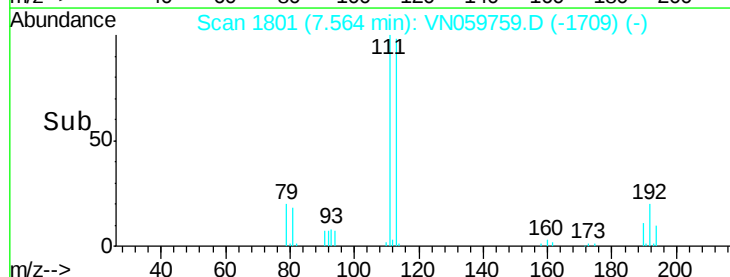
192 21.4 15.4 23.2

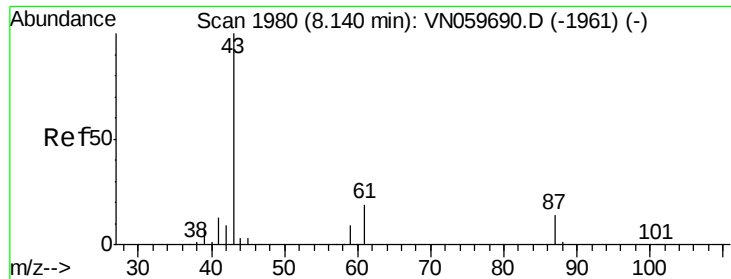


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.214 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059759.D

Acq: 17 Jan 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

PB126145ZHE#10

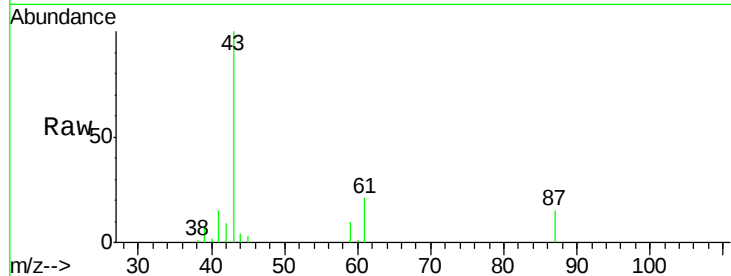
Tot Ion: 43 Resp: 42403

Ion Ratio Lower Upper

43 100

61 20.9 20.2 30.2

87 14.6 9.5 14.3#

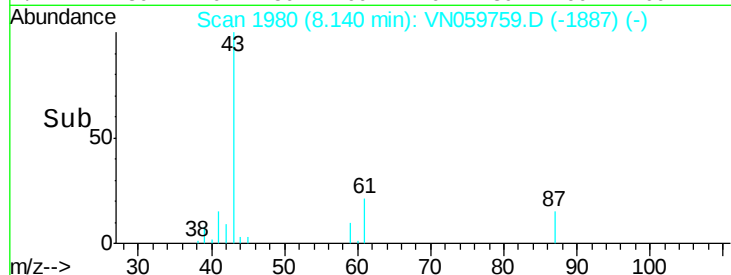


Abundance Ion 43.00 (42.70 to 43.70): VN059759.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059759.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059759.D (-1887) (-)

Time-->



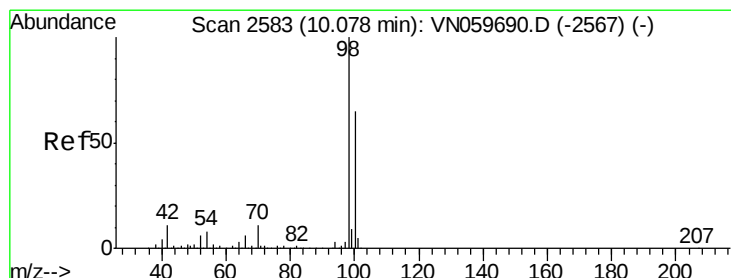
Abundance

Ion 43.00 (42.70 to 43.70): VN059759.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059759.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059759.D (-1887) (-)

Time-->



#50

Toluene-d8

Concen: 50.318 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059759.D

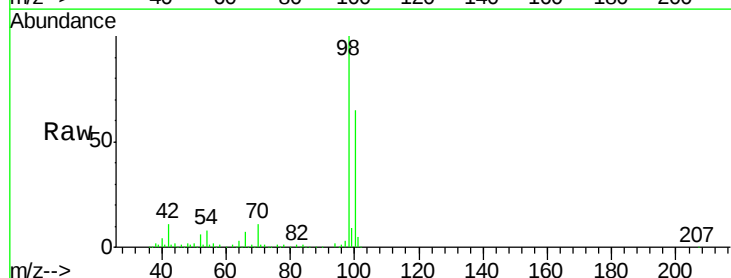
Acq: 17 Jan 2020 14:35

Tgt Ion: 98 Resp: 343562

Ion Ratio Lower Upper

98 100

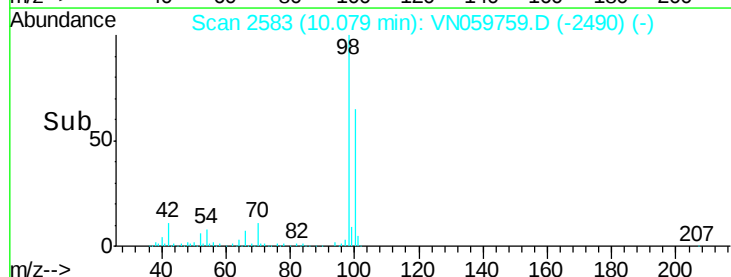
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059759.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059759.D (-2490) (-)

Time-->

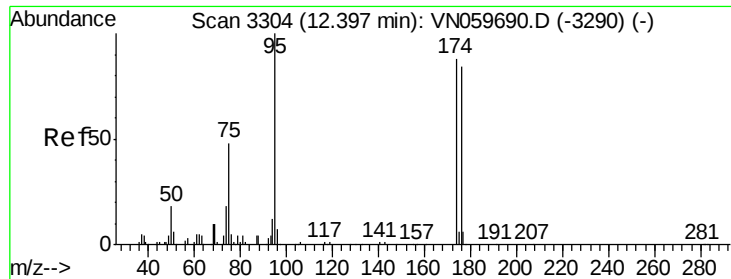


Abundance

Ion 98.00 (97.70 to 98.70): VN059759.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059759.D (-2490) (-)

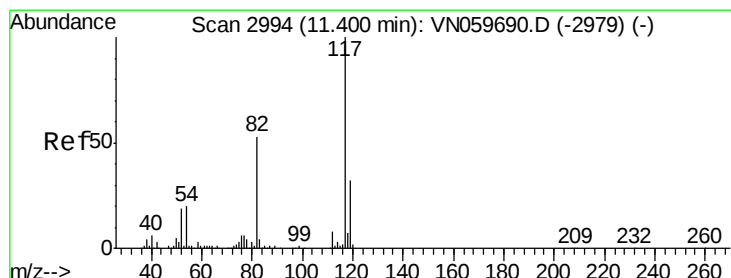
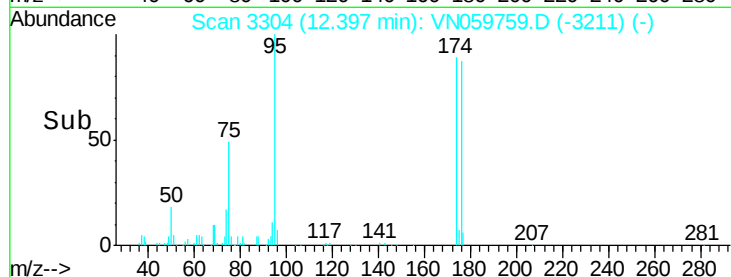
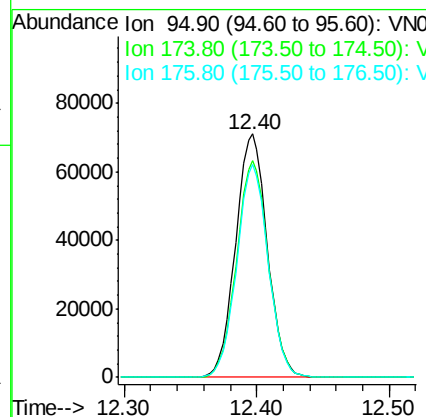
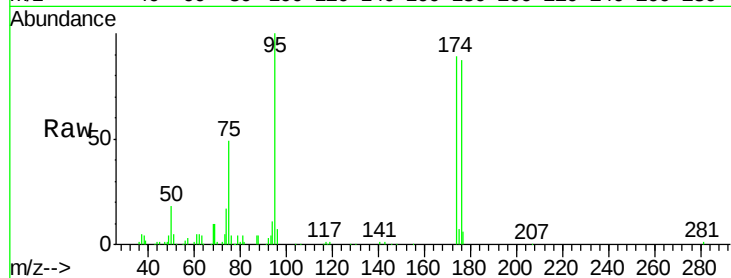
Time-->



#62
4-Bromofluorobenzene
Concen: 47.936 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059759.D
Acq: 17 Jan 2020 14:35

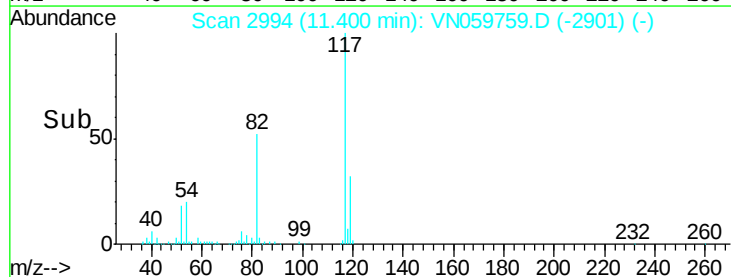
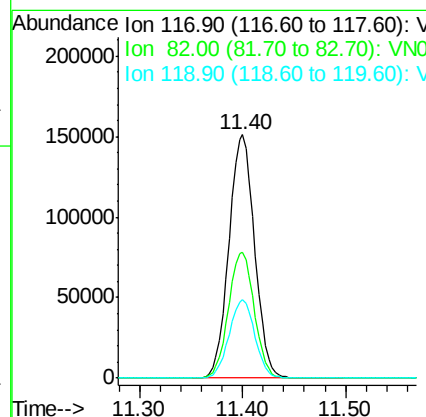
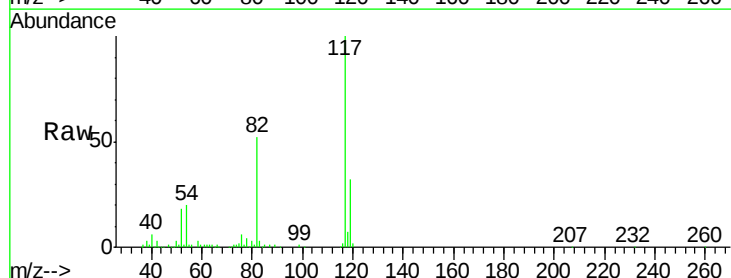
Instrument :
MSVOA_N
ClientSampleId :
PB126145ZHE#10

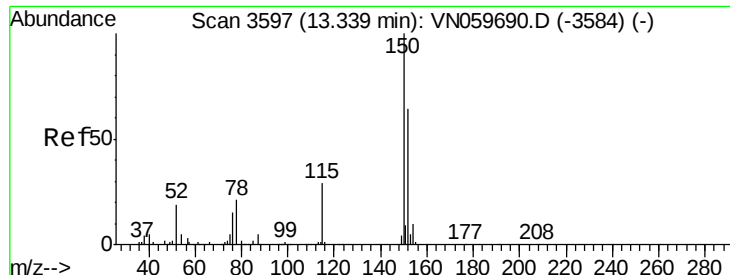
Tot Ion: 95 Resp: 117990
Ion Ratio Lower Upper
95 100
174 88.7 0.0 151.4
176 86.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059759.D
Acq: 17 Jan 2020 14:35

Tgt Ion: 117 Resp: 262501
Ion Ratio Lower Upper
117 100
82 51.8 45.9 68.9
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059759.D

Acq: 17 Jan 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

PB126145ZHE#10

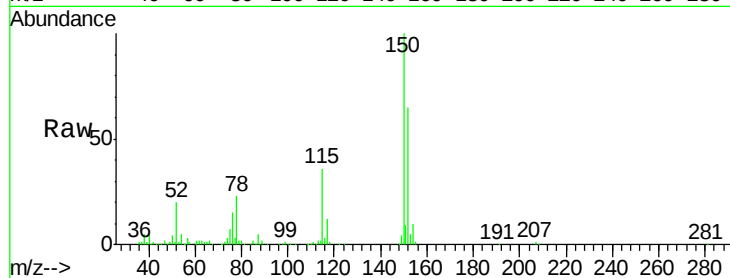
Tot Ion:152 Resp: 112052

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 156.3 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

