

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051929.D
 Acq On : 18 Oct 2018 20:55
 Operator : MD\SY
 Sample : PB113908ZHE#10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#10

Quant Time: Oct 19 07:43:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	954258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1398044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1223617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	421035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	518138	58.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.14%	
35) Dibromofluoromethane	7.59	113	521576	58.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.40%	
50) Toluene-d8	10.09	98	1904791	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	
62) 4-Bromofluorobenzene	12.40	95	537678	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

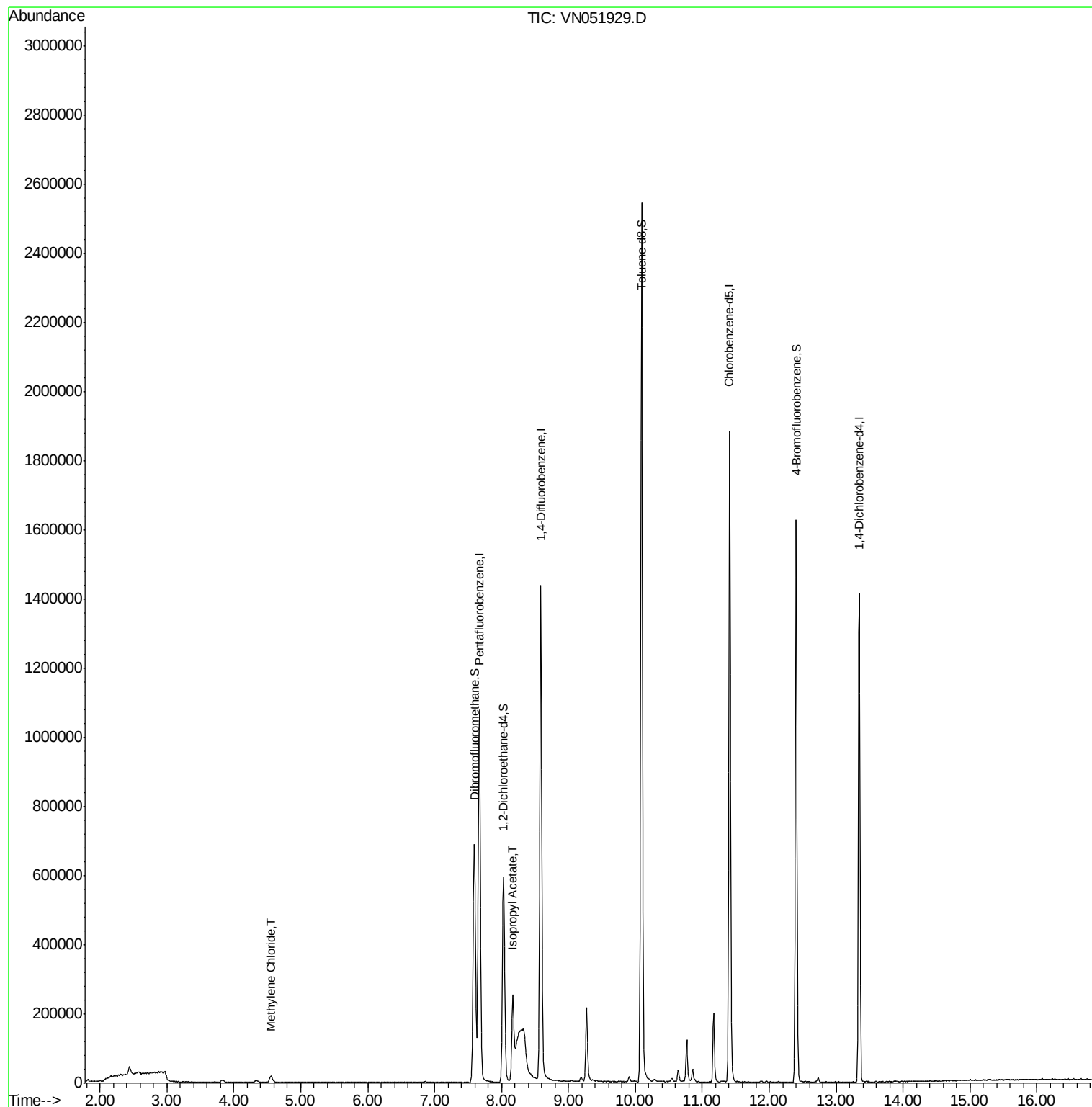
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	14554	1.83	ug/l	92
43) Isopropyl Acetate	8.17	43	303361	30.25	ug/l	# 83

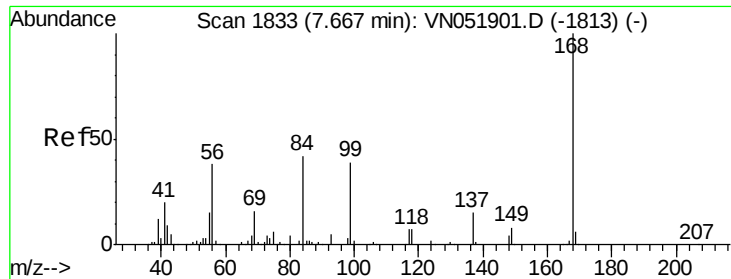
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

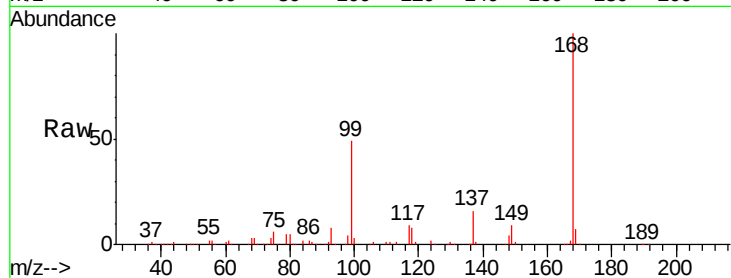
PB113908ZHE#10

Tgt Ion:168 Resp: 954258

Ion Ratio Lower Upper

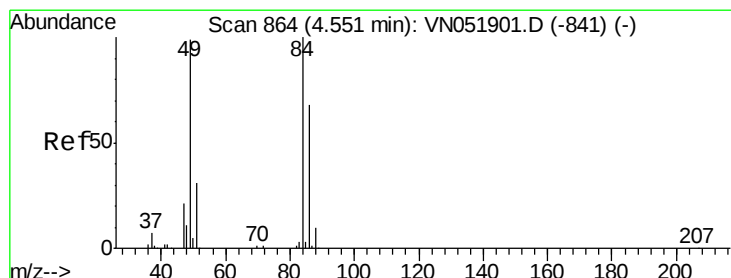
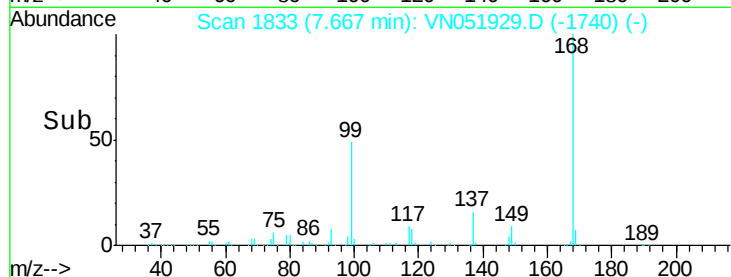
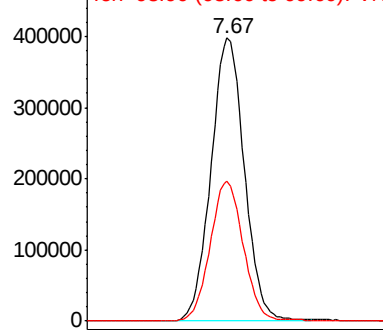
168 100

99 49.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 1.83 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

Tgt Ion: 84 Resp: 14554

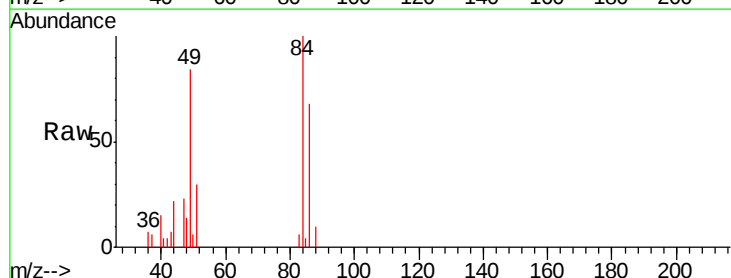
Ion Ratio Lower Upper

84 100

49 83.9 79.0 118.4

51 30.2 24.9 37.3

86 68.1 54.6 82.0

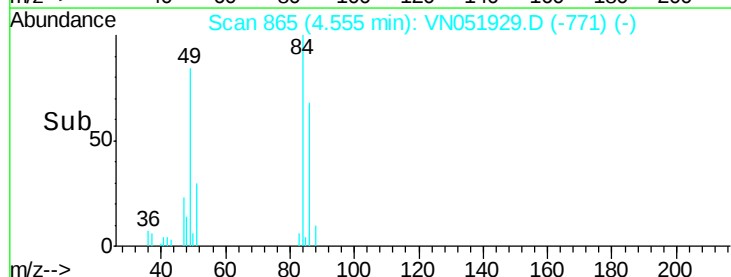
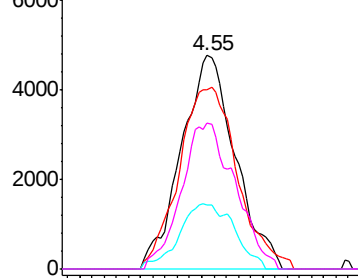


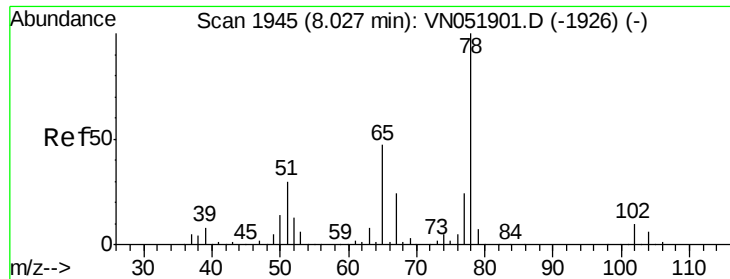
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

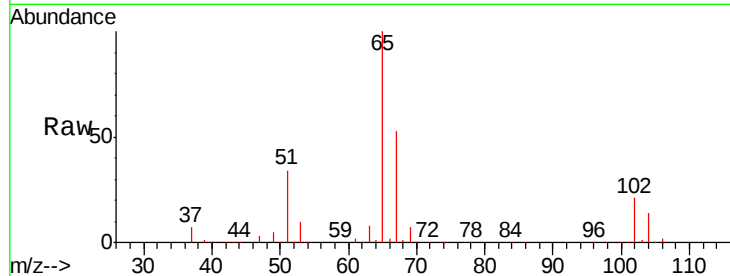
PB113908ZHE#10

Tgt Ion: 65 Resp: 518138

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN051901.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051901.D (-1926) (-)

8.03

250000

200000

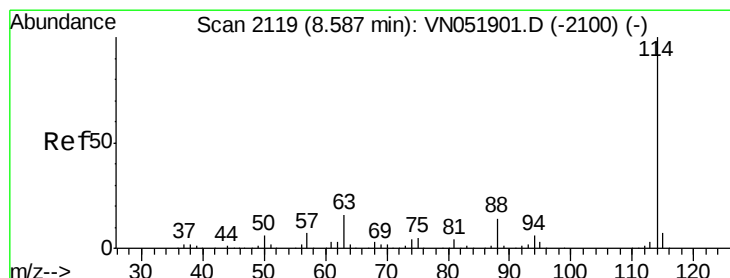
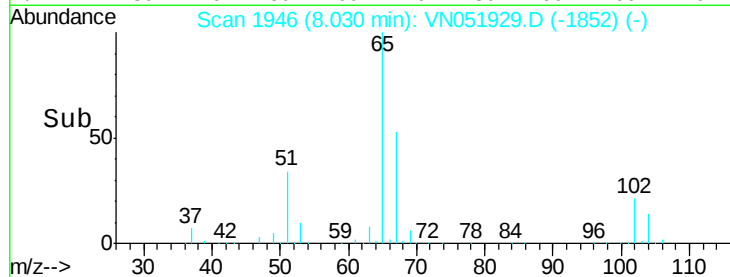
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

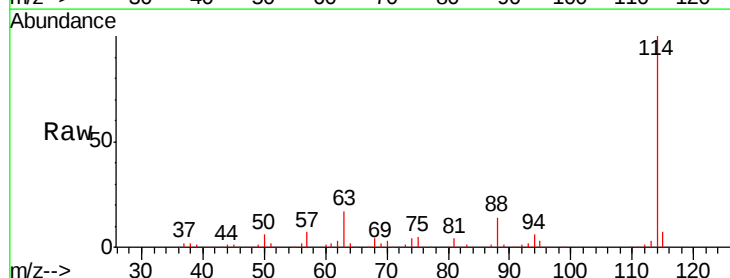
Tgt Ion: 114 Resp: 1398044

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.8

88 14.2 0.0 28.0



Abundance Ion 113.90 (113.60 to 114.60): VN051901.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051901.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051901.D (-2100) (-)

8.59

800000

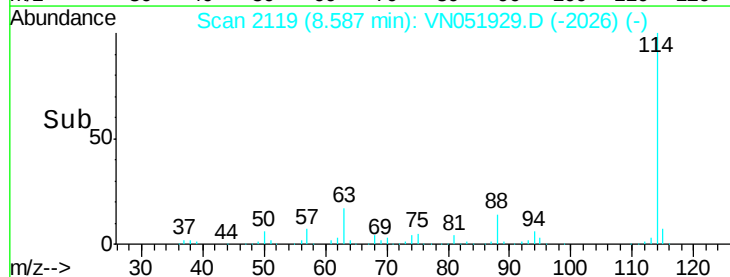
600000

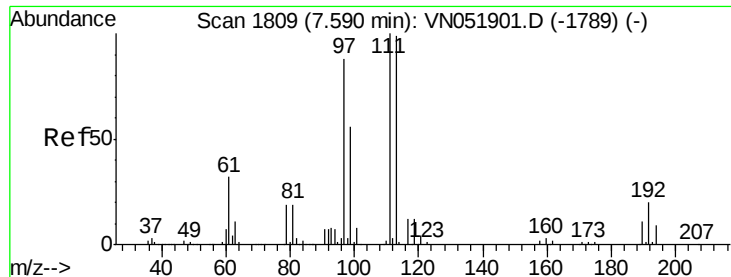
400000

200000

0

Time-->

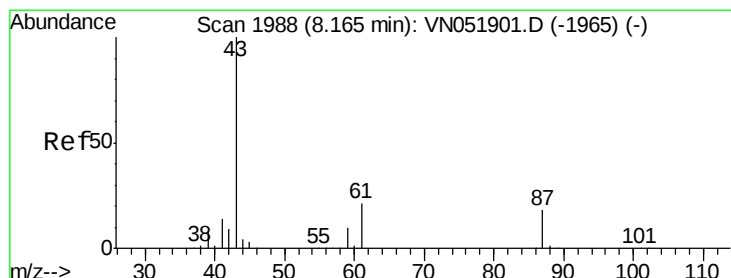
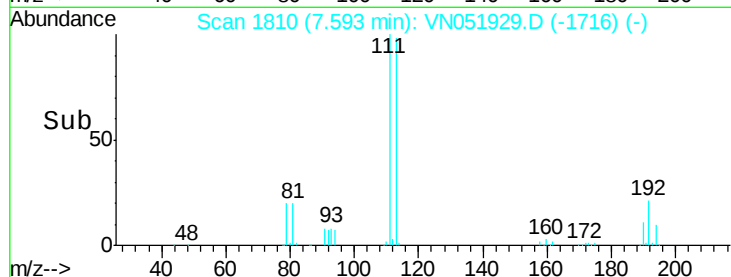
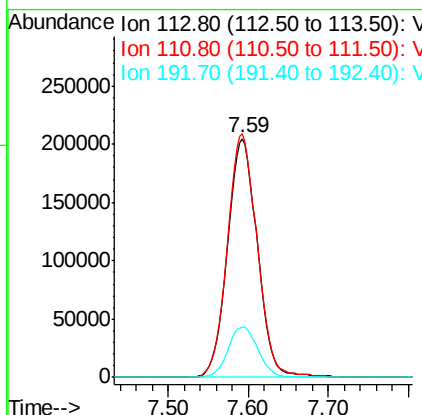
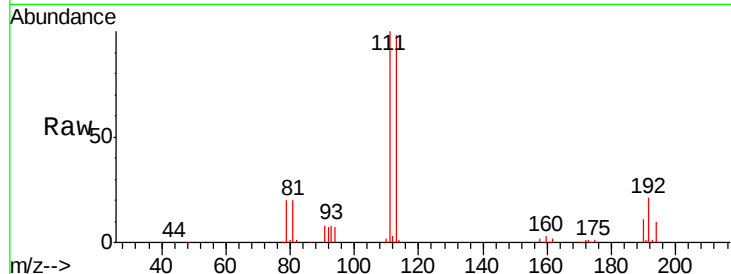




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051929.D
 Acq: 18 Oct 2018 20:55

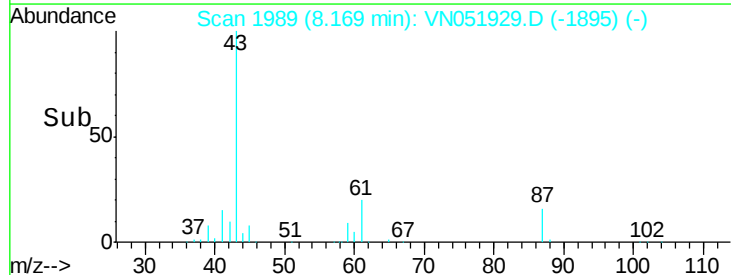
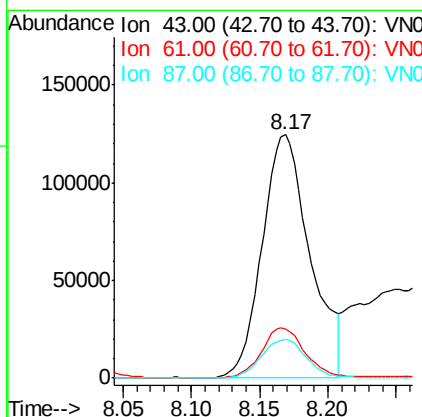
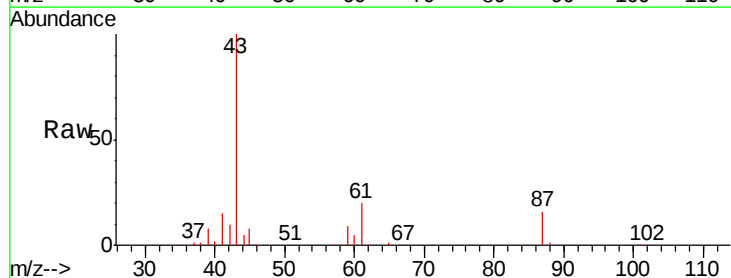
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#10

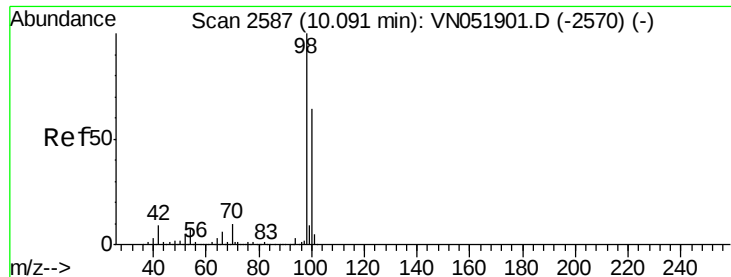
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	21.2	17.3	25.9



#43
 Isopropyl Acetate
 Concen: 30.25 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051929.D
 Acq: 18 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	24.9	37.3#
87	15.0	14.6	22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

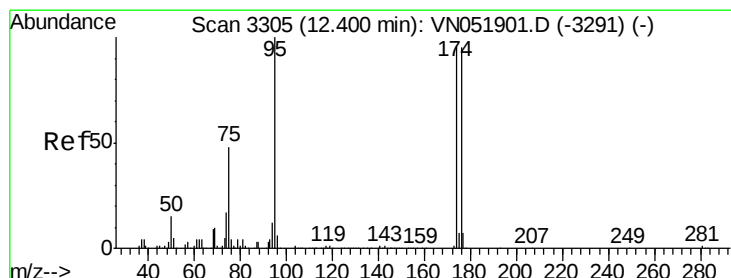
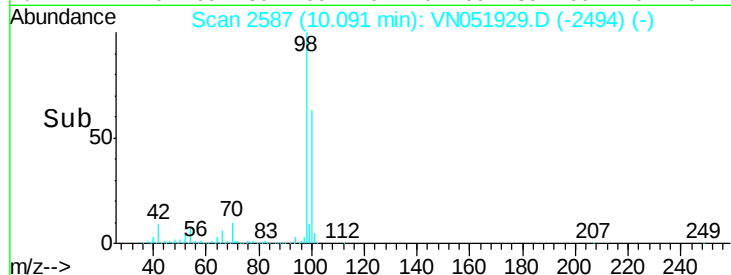
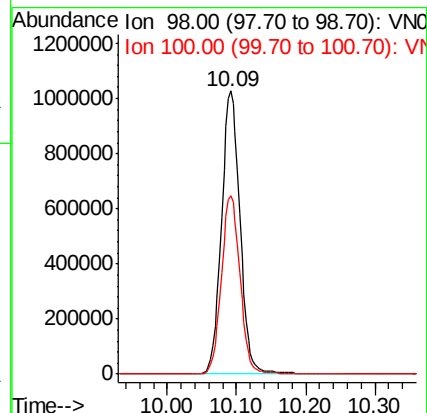
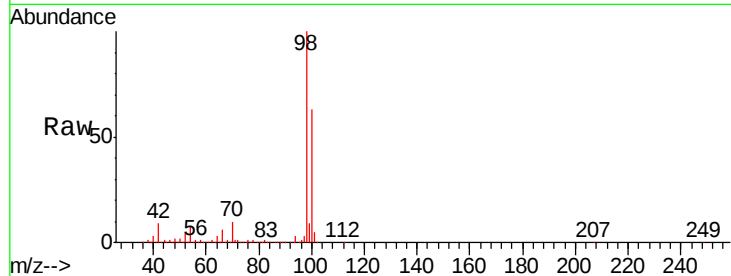
PB113908ZHE#10

Tgt Ion: 98 Resp: 1904791

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.4



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051929.D

Acq: 18 Oct 2018 20:55

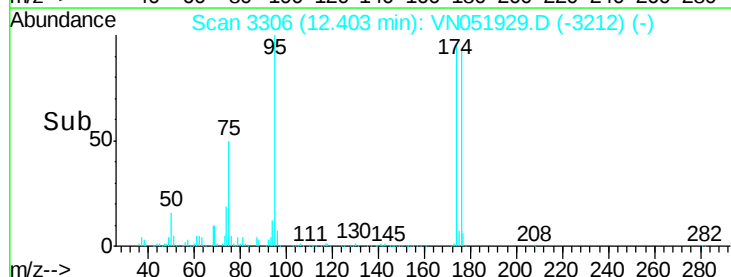
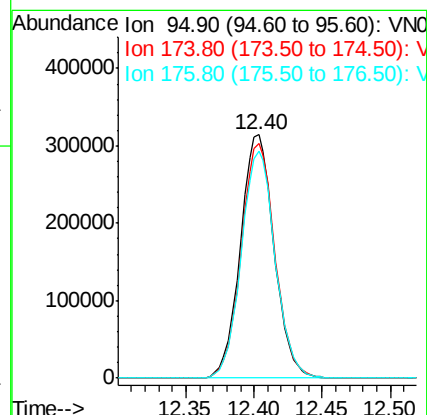
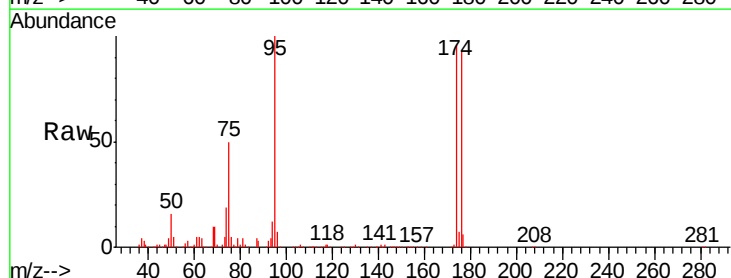
Tgt Ion: 95 Resp: 537678

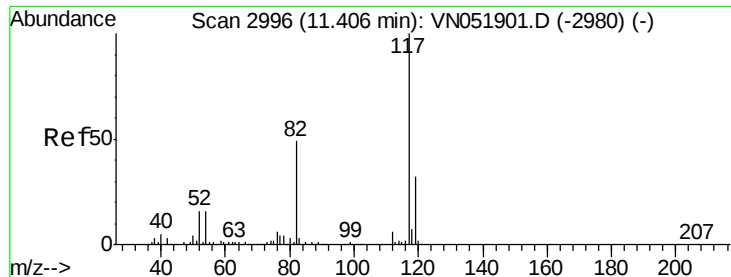
Ion Ratio Lower Upper

95 100

174 96.4 0.0 195.0

176 93.7 0.0 191.4

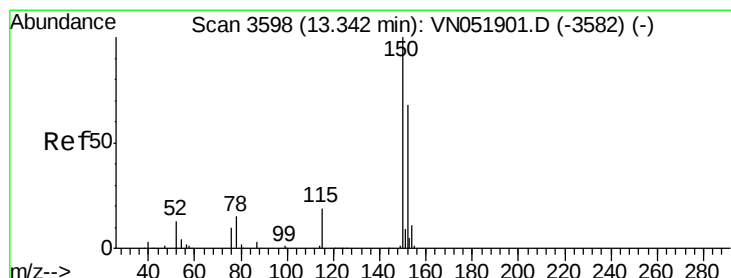
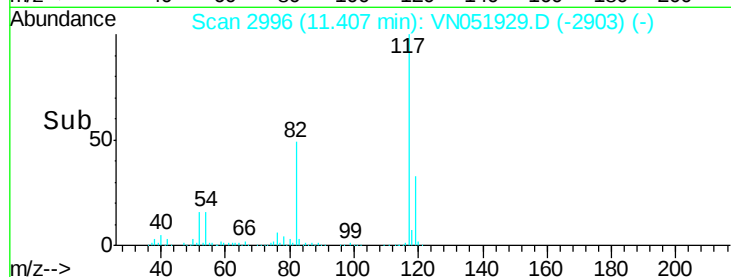
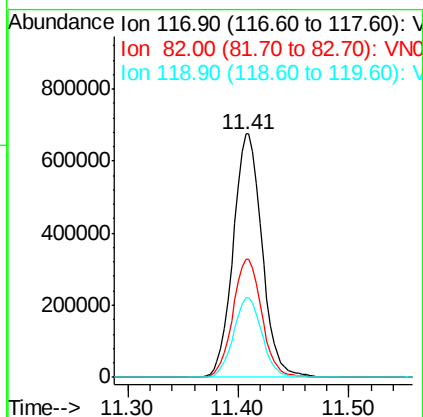
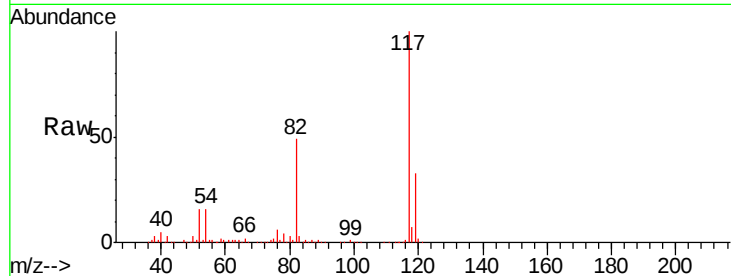




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051929.D
Acq: 18 Oct 2018 20:55

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#10

Tgt Ion:117 Resp: 1223617
Ion Ratio Lower Upper
117 100
82 48.5 38.9 58.3
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051929.D
Acq: 18 Oct 2018 20:55

Tgt Ion:152 Resp: 421035
Ion Ratio Lower Upper
152 100
115 55.6 26.7 80.1
150 156.0 0.0 346.4

