

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051887.D
 Acq On : 16 Oct 2018 11:35
 Operator : MD\SY
 Sample : PB113865ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113865ZHE#02

Quant Time: Oct 17 03:56:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	830703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1197855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1064697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374526	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452603	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	
35) Dibromofluoromethane	7.59	113	446598	59.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.92%	
50) Toluene-d8	10.09	98	1646724	59.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.66%	
62) 4-Bromofluorobenzene	12.40	95	466873	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

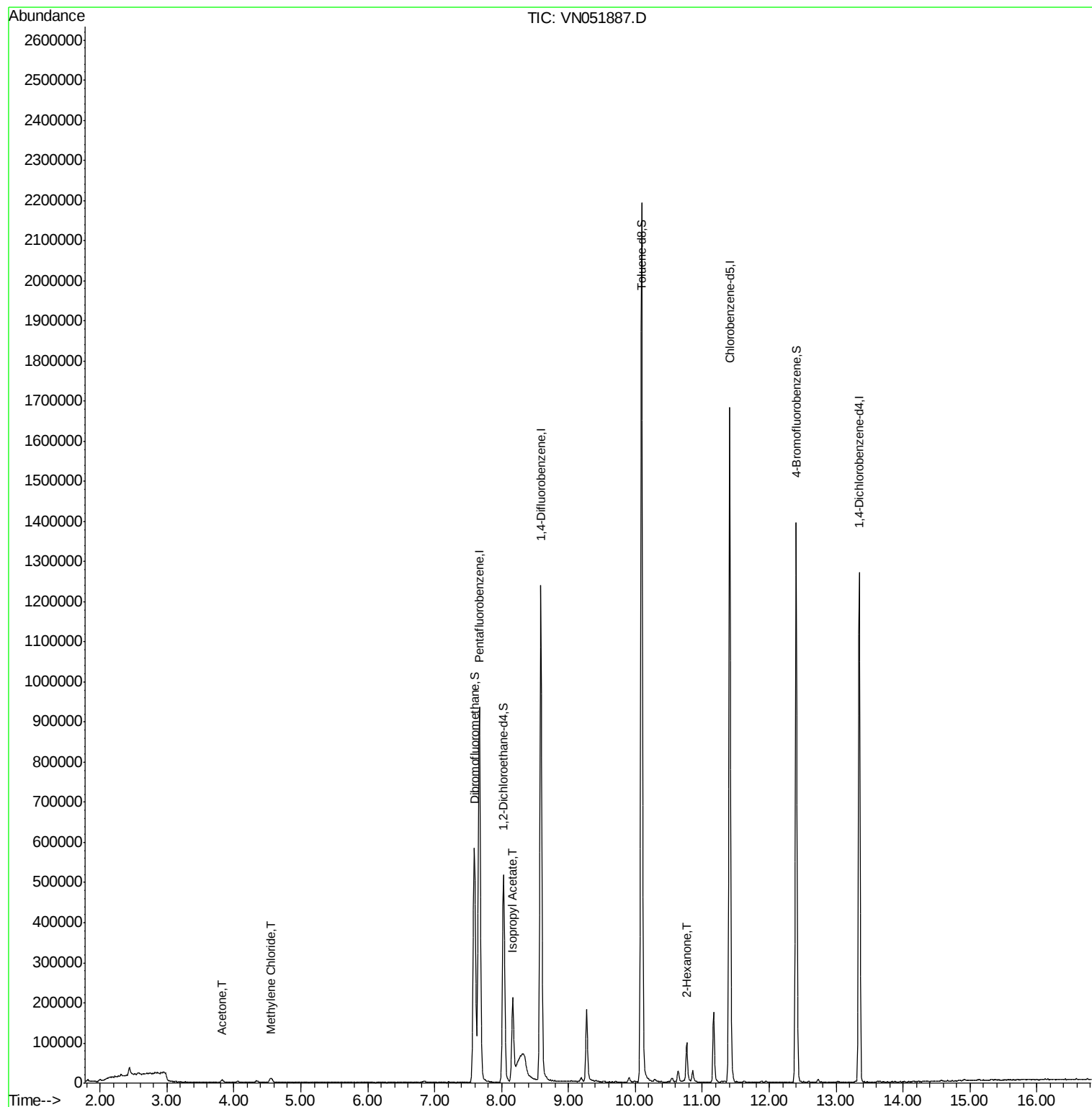
Target Compounds						Qvalue
16) Acetone	3.83	43	10186	5.95	ug/l	95
20) Methylene Chloride	4.56	84	8379	1.18	ug/l	87
43) Isopropyl Acetate	8.17	43	251853	25.08	ug/l #	94
59) 2-Hexanone	10.76	43	13473	3.71	ug/l	61

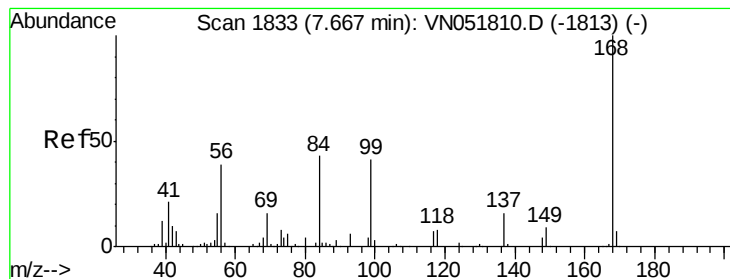
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051887.D

Acq: 16 Oct 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

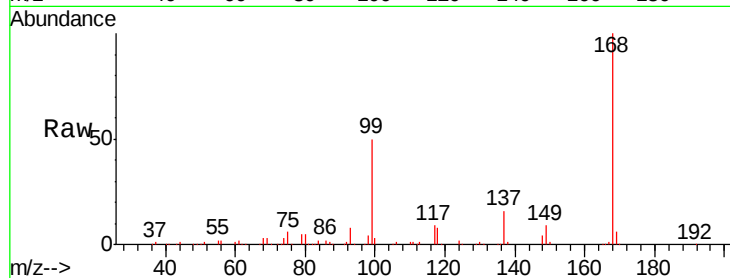
PB113865ZHE#02

Tgt Ion:168 Resp: 830703

Ion Ratio Lower Upper

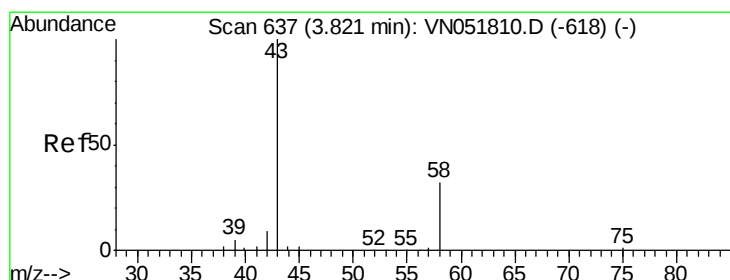
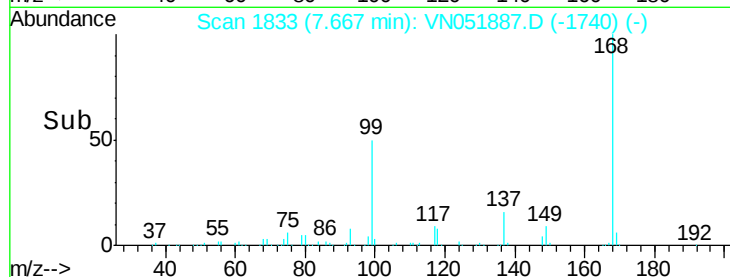
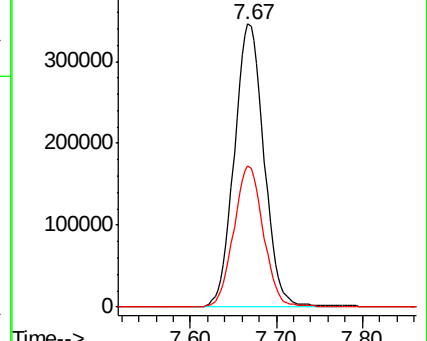
168 100

99 49.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051887.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051887.D (-1740) (-)



#16

Acetone

Concen: 5.95 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051887.D

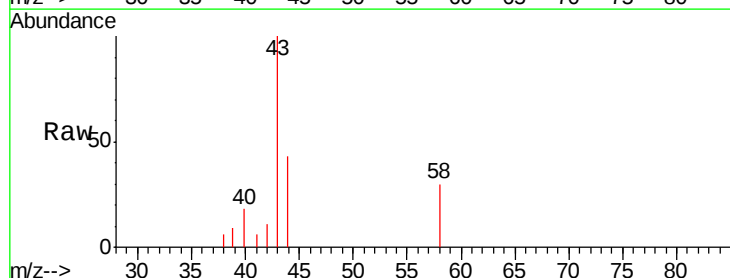
Acq: 16 Oct 2018 11:35

Tgt Ion: 43 Resp: 10186

Ion Ratio Lower Upper

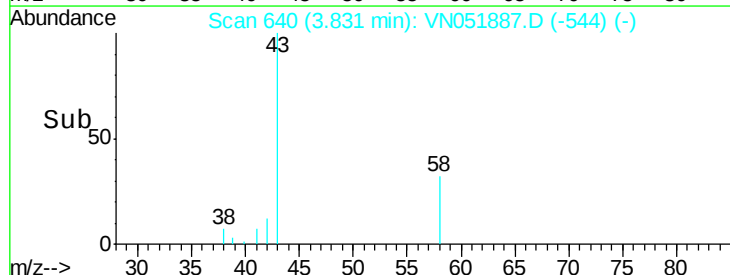
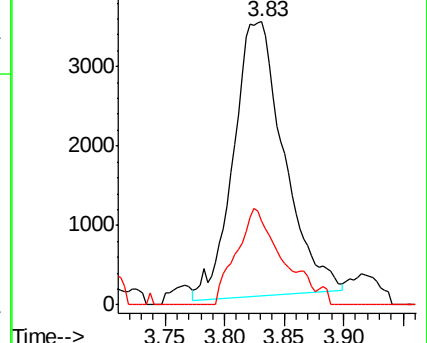
43 100

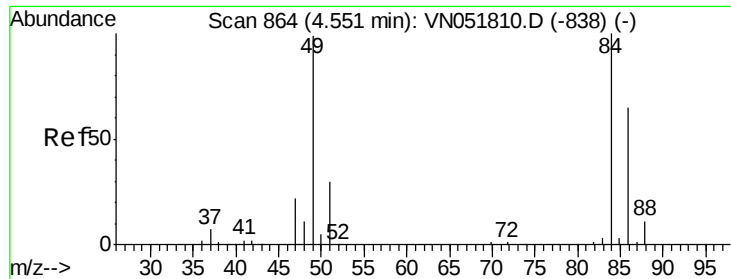
58 31.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051887.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN051887.D (-544) (-)

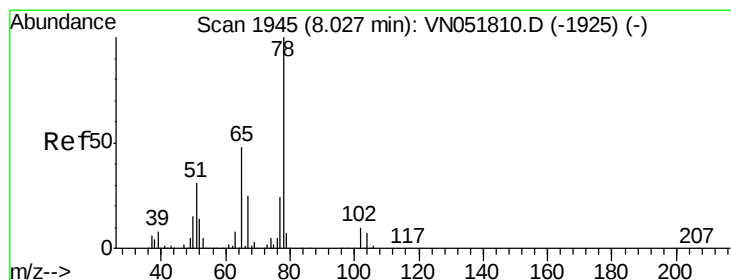
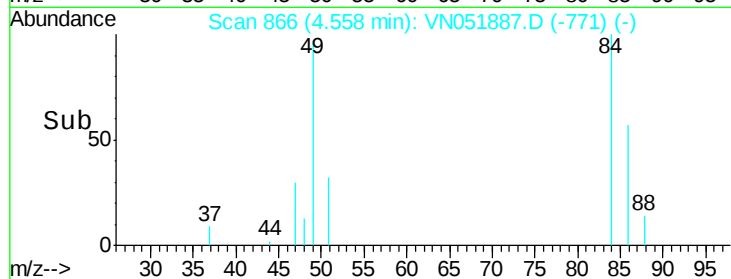
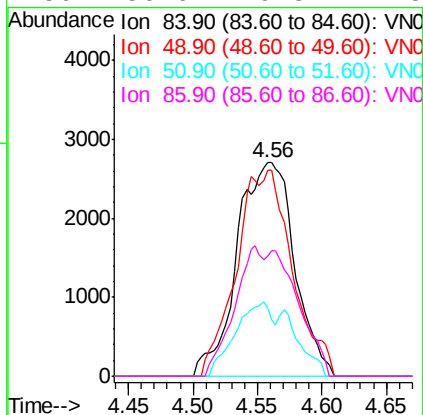
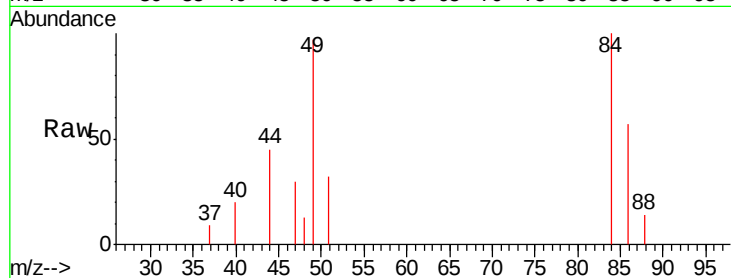




#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051887.D
Acq: 16 Oct 2018 11:35

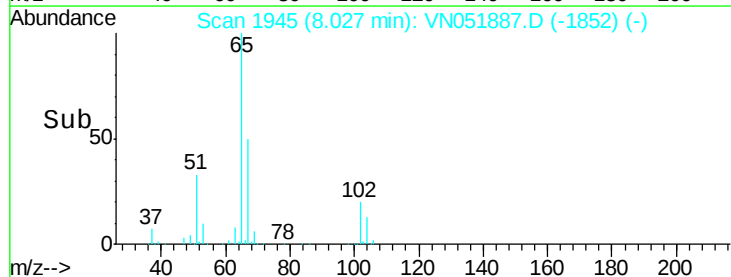
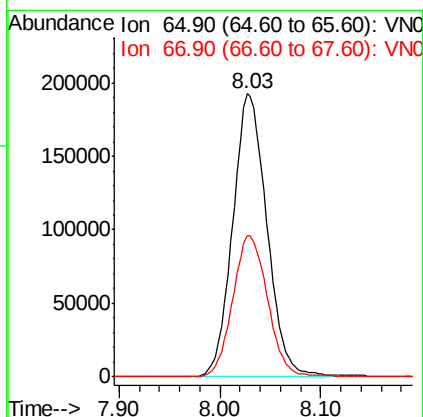
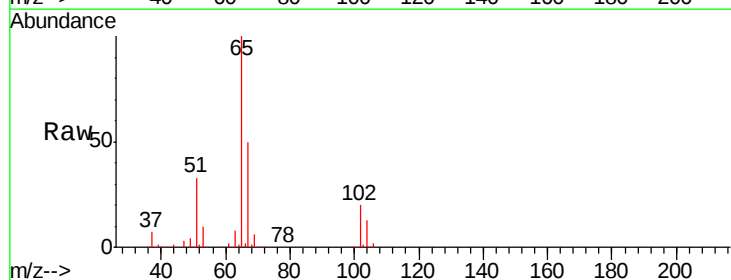
Instrument :
MSVOA_N
ClientSampleId :
PB113865ZHE#02

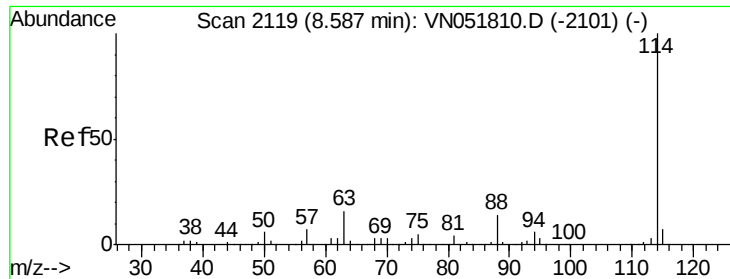
Tgt Ion:	84	Resp:	8379
Ion	Ratio	Lower	Upper
84	100		
49	96.8	93.2	139.8
51	32.0	29.0	43.6
86	56.6	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051887.D
Acq: 16 Oct 2018 11:35

Tgt Ion:	65	Resp:	452603
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	110.4

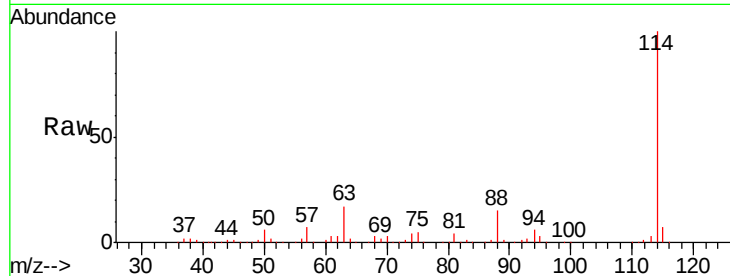




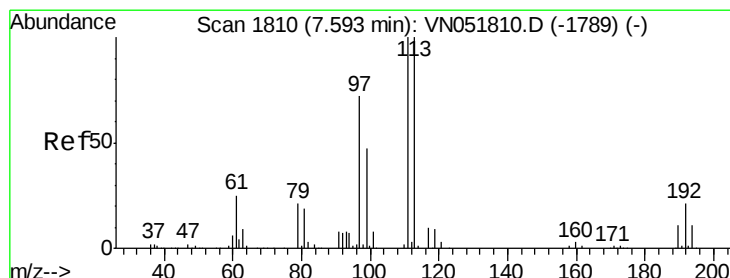
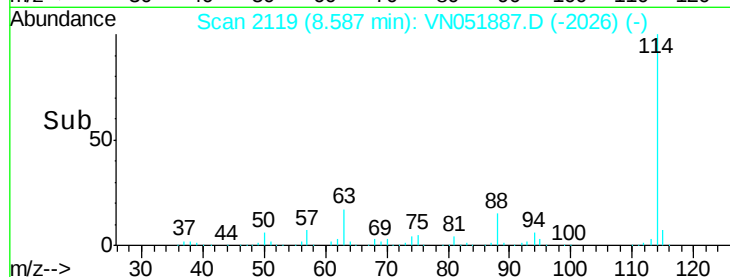
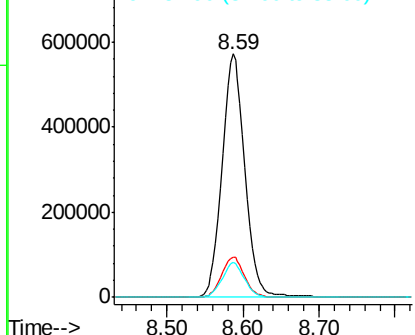
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051887.D
Acq: 16 Oct 2018 11:35

Instrument :
MSVOA_N
ClientSampleId :
PB113865ZHE#02

Tgt Ion:114 Resp: 1197855
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.6
88 14.5 0.0 30.6

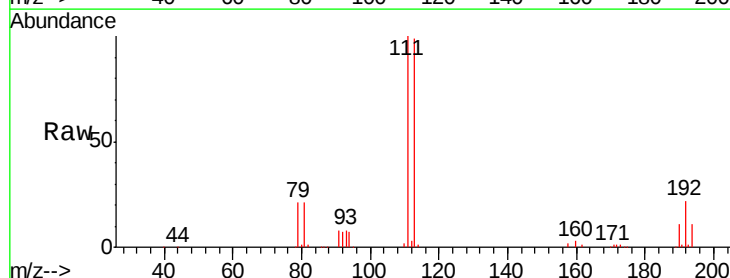


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

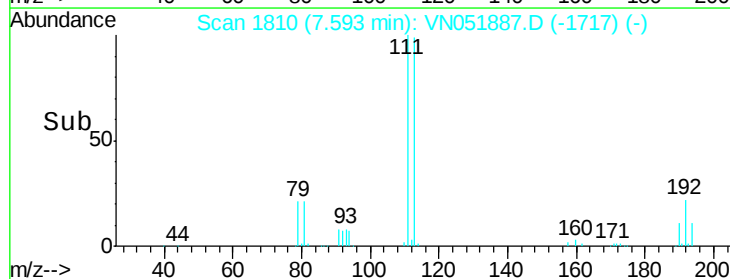
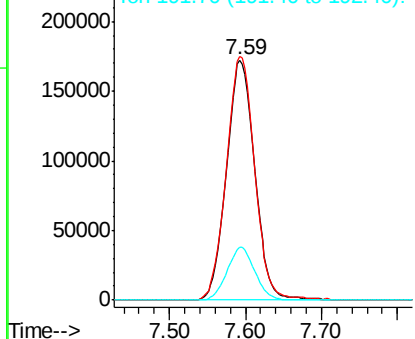


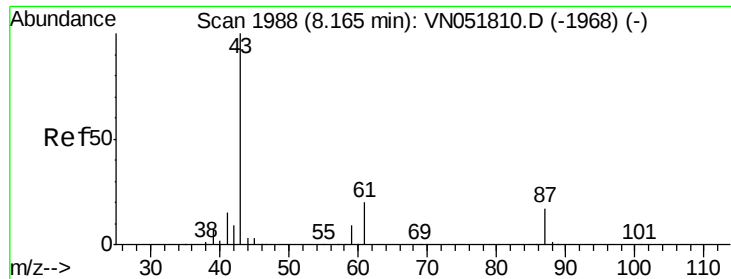
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051887.D
Acq: 16 Oct 2018 11:35

Tgt Ion:113 Resp: 446598
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 21.6 18.0 27.0



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: 25.08 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051887.D

Acq: 16 Oct 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB113865ZHE#02

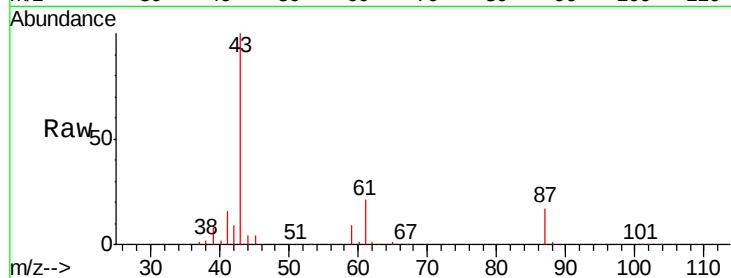
Tgt Ion: 43 Resp: 251853

Ion Ratio Lower Upper

43 100

61 19.5 17.5 26.3

87 17.1 11.3 16.9#

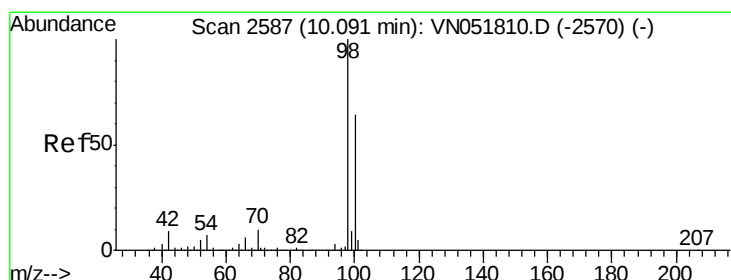
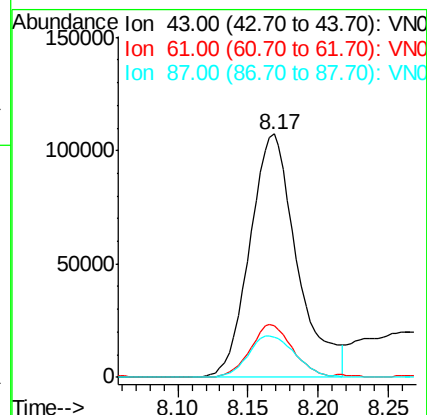
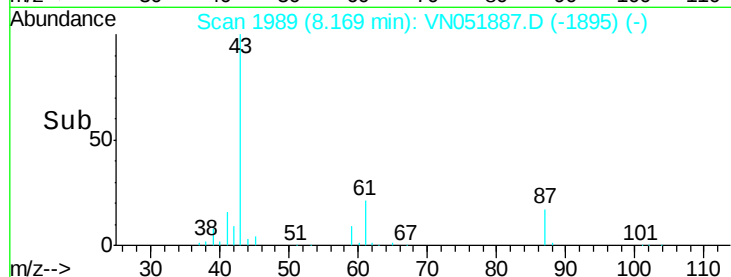


Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051887.D

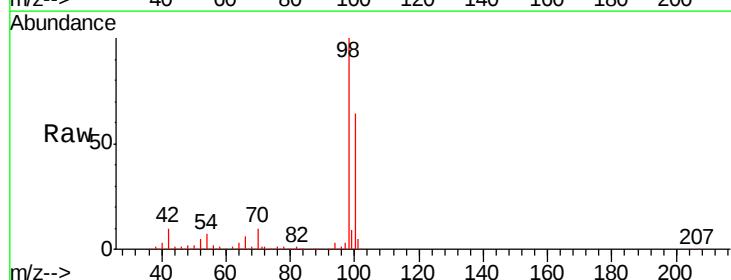
Acq: 16 Oct 2018 11:35

Tgt Ion: 98 Resp: 1646724

Ion Ratio Lower Upper

98 100

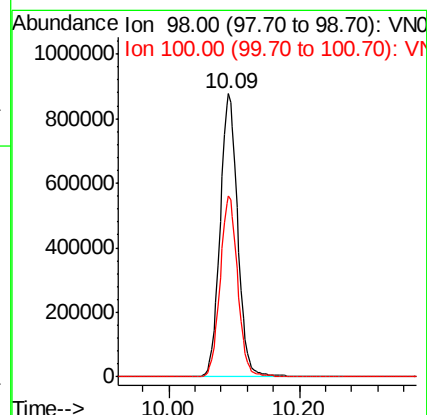
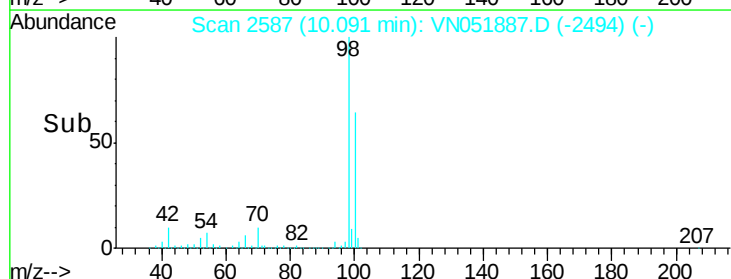
100 63.9 51.5 77.3

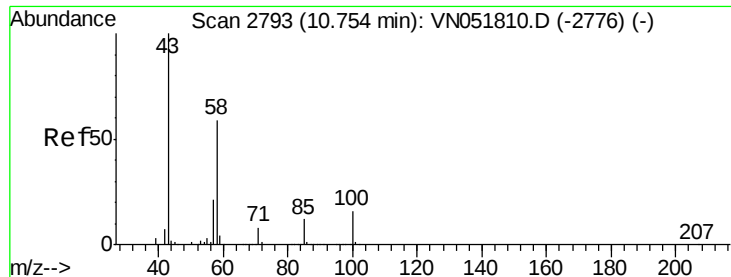


Abundance Ion 98.00 (97.70 to 98.70): VN051810.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051810.D (-2570) (-)

Time-->





#59

2-Hexanone

Concen: 3.71 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051887.D

Acq: 16 Oct 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

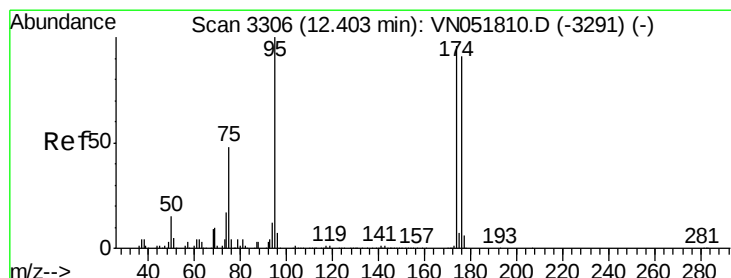
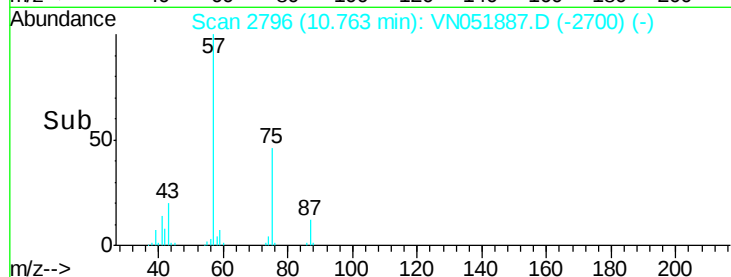
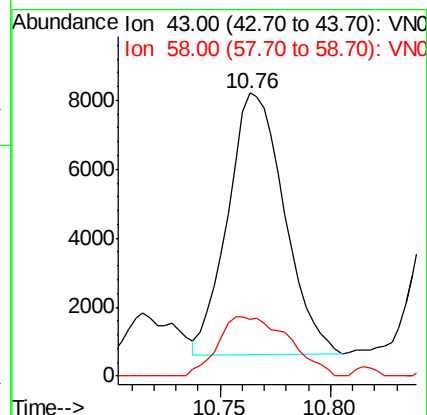
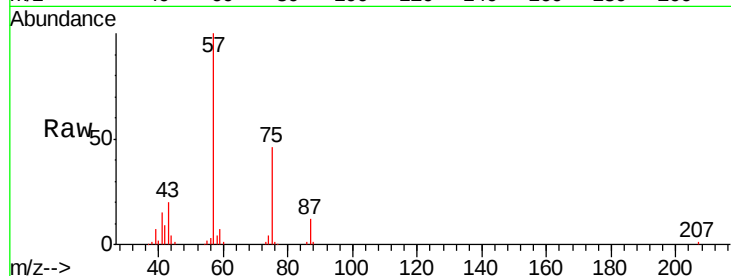
PB113865ZHE#02

Tgt Ion: 43 Resp: 13473

Ion Ratio Lower Upper

43 100

58 28.4 28.3 85.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051887.D

Acq: 16 Oct 2018 11:35

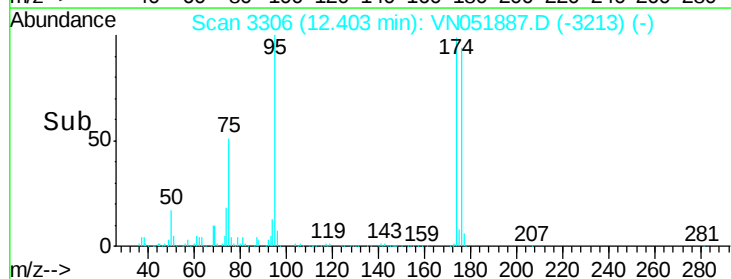
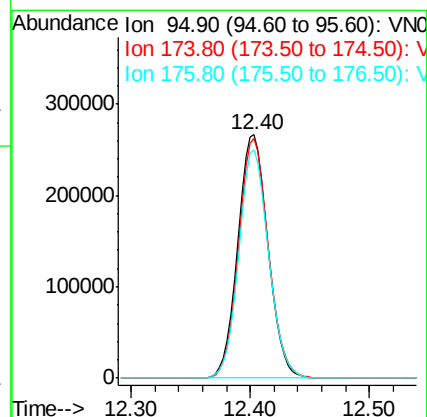
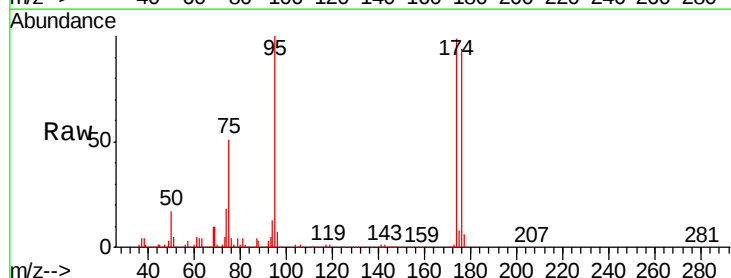
Tgt Ion: 95 Resp: 466873

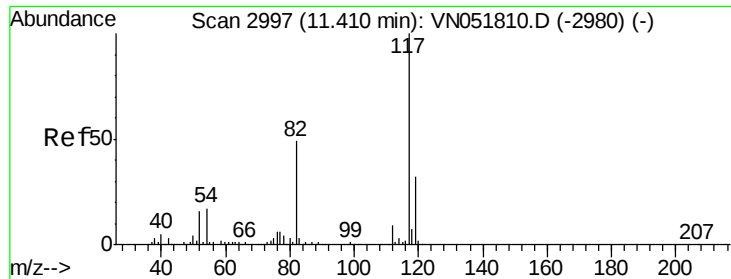
Ion Ratio Lower Upper

95 100

174 97.5 0.0 183.0

176 92.7 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051887.D

Acq: 16 Oct 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB113865ZHE#02

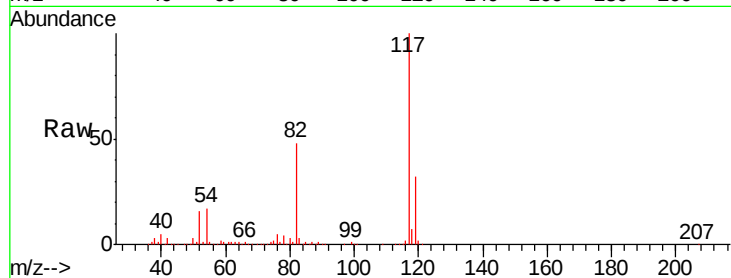
Tgt Ion:117 Resp: 1064697

Ion Ratio Lower Upper

117 100

82 48.4 42.6 64.0

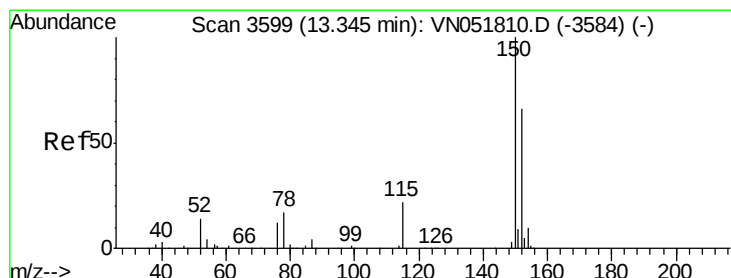
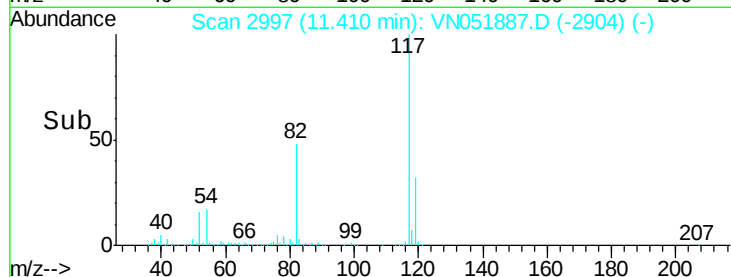
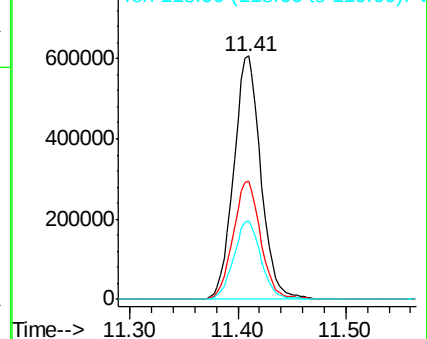
119 32.2 25.8 38.6



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: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051887.D

Acq: 16 Oct 2018 11:35

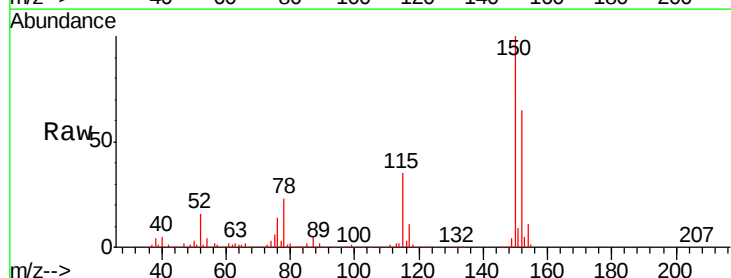
Tgt Ion:152 Resp: 374526

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 154.3 0.0 351.4



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

