

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
 Data File : VN051850.D
 Acq On : 12 Oct 2018 23:13
 Operator : MD\SY
 Sample : PB113779ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113779ZHE#03

Quant Time: Oct 13 03:13:29 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	844896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1210449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1063415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	453281	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	7.59	113	445198	59.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.30%	
50) Toluene-d8	10.09	98	1667415	59.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.90%	
62) 4-Bromofluorobenzene	12.40	95	483639	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	

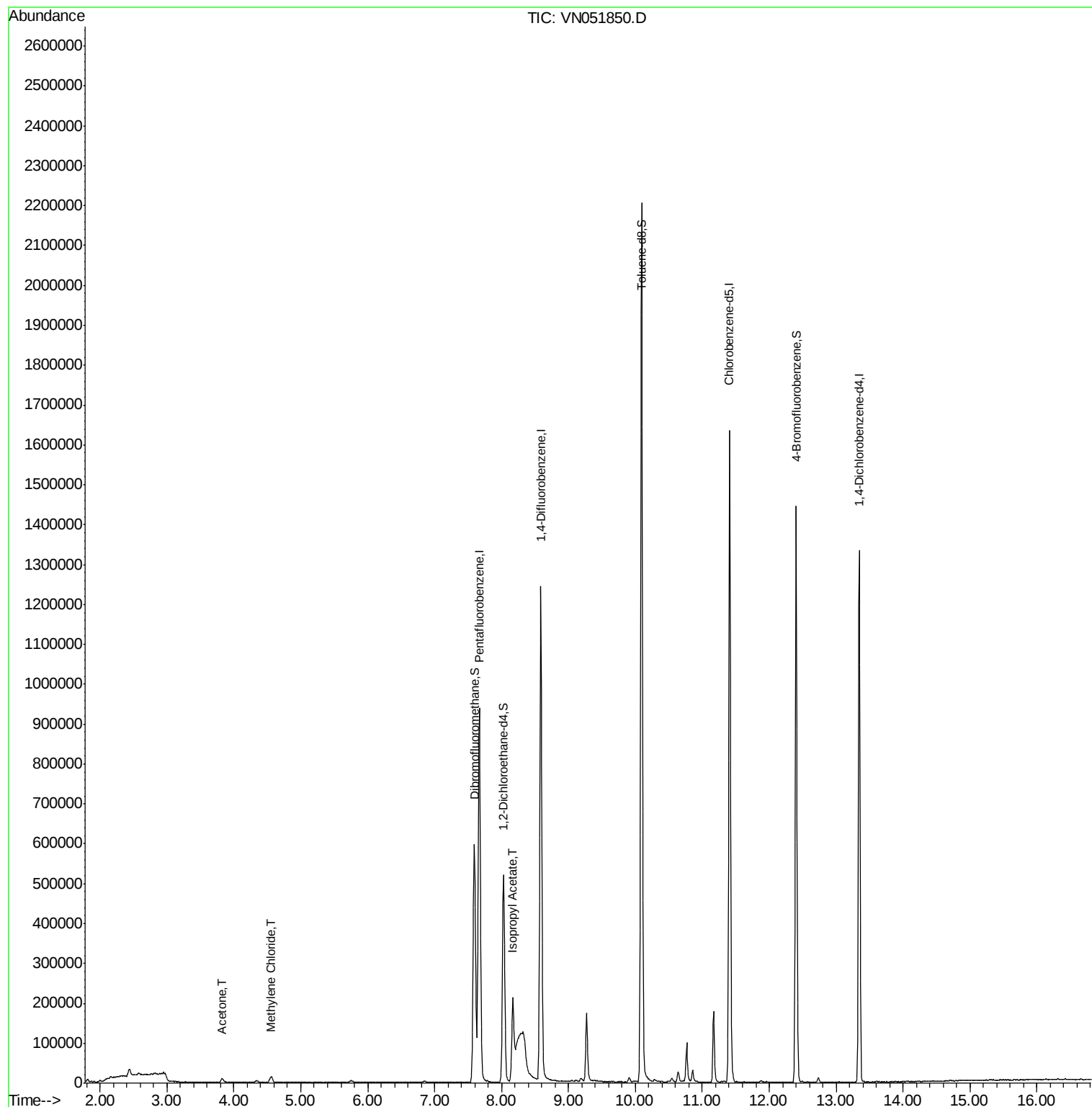
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15663	8.99	ug/l	100
20) Methylene Chloride	4.55	84	11718	1.63	ug/l	# 84
43) Isopropyl Acetate	8.17	43	252440	24.87	ug/l	96

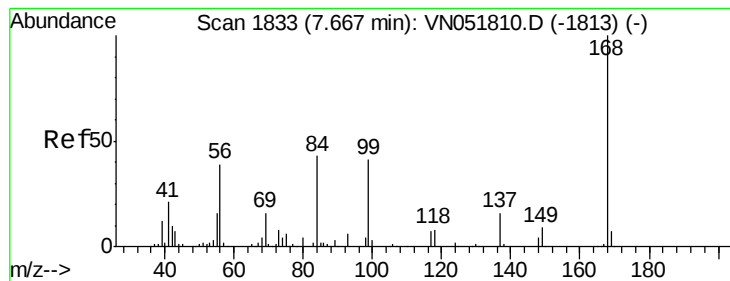
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051850.D

Acq: 12 Oct 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

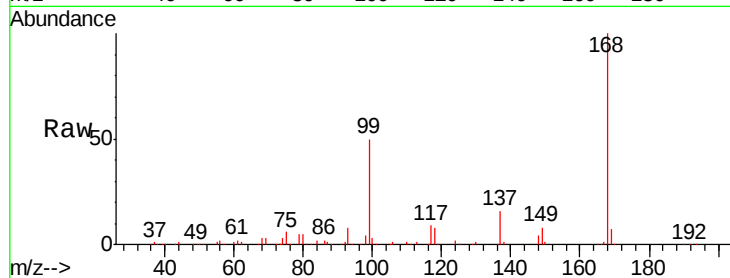
PB113779ZHE#03

Tgt Ion:168 Resp: 844896

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

400000

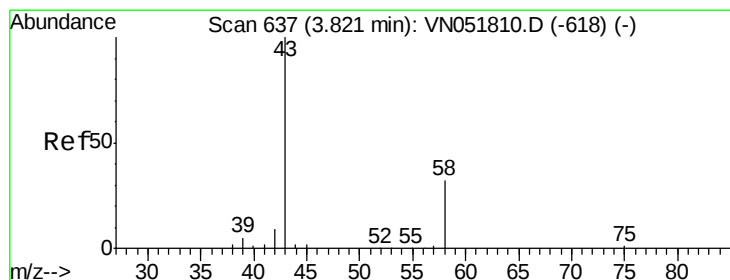
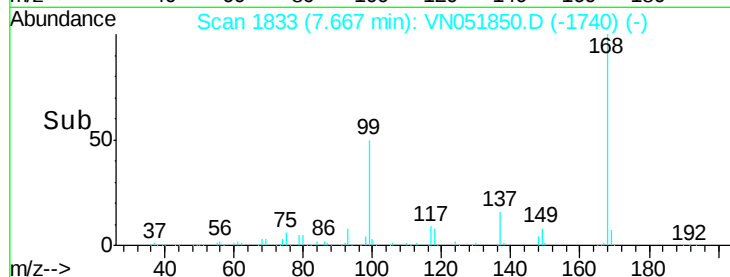
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.99 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051850.D

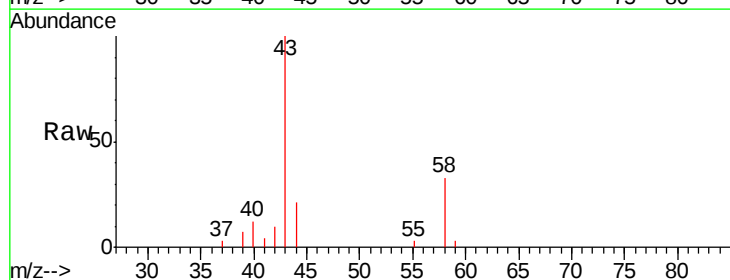
Acq: 12 Oct 2018 23:13

Tgt Ion: 43 Resp: 15663

Ion Ratio Lower Upper

43 100

58 33.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051810.D (-618) (-)

3.82

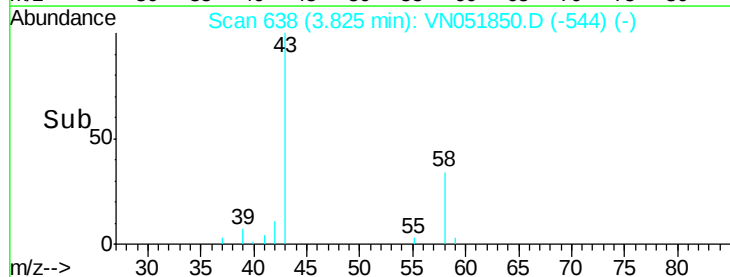
6000

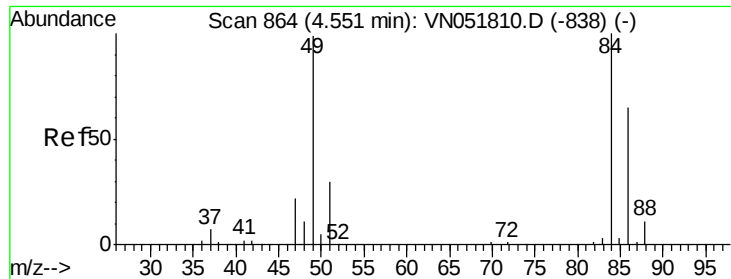
4000

2000

0

Time-->

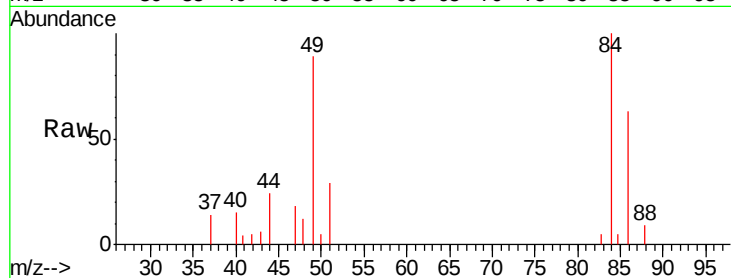




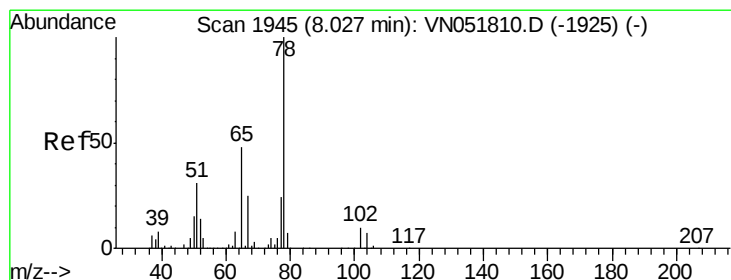
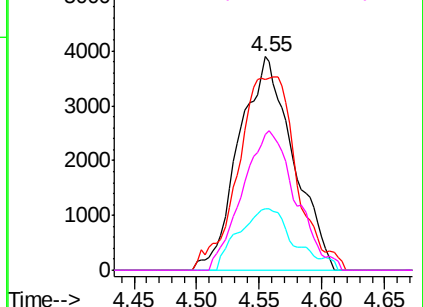
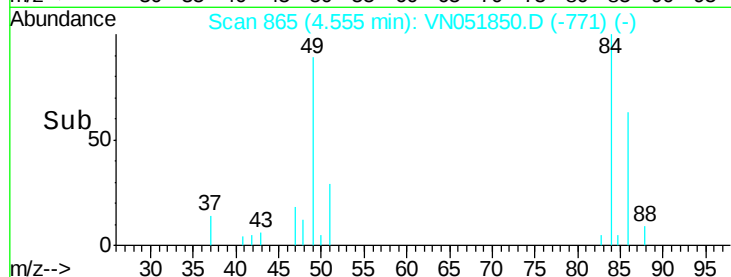
#20
Methylene Chloride
Concen: 1.63 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051850.D
Acq: 12 Oct 2018 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB113779ZHE#03

Tgt Ion: 84 Resp: 11718
Ion Ratio Lower Upper
84 100
49 89.4 93.2 139.8#
51 29.0 29.0 43.6#
86 63.5 49.8 74.8

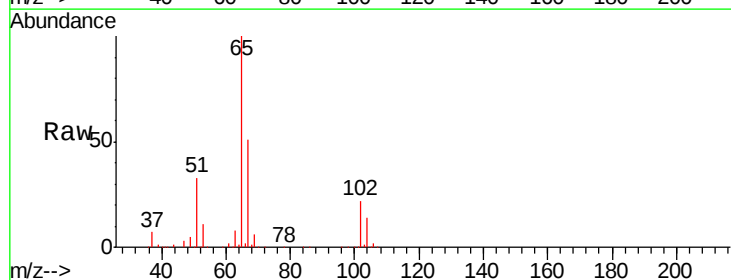


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

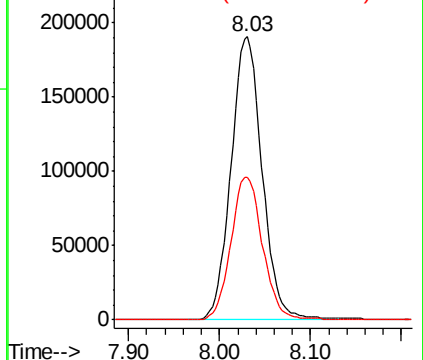
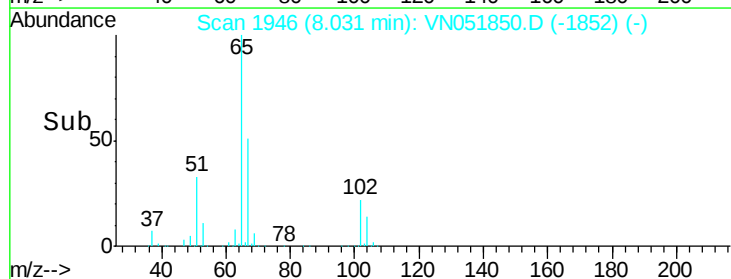


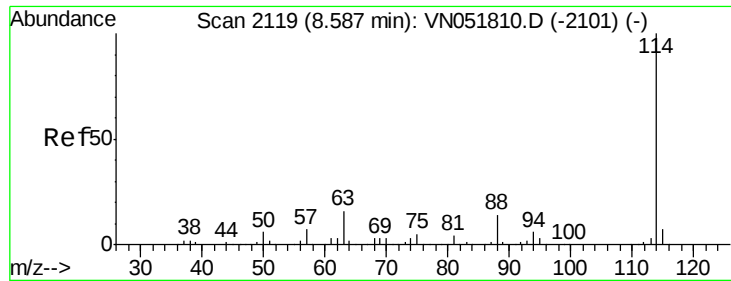
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051850.D
Acq: 12 Oct 2018 23:13

Tgt Ion: 65 Resp: 453281
Ion Ratio Lower Upper
65 100
67 51.4 0.0 110.4



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

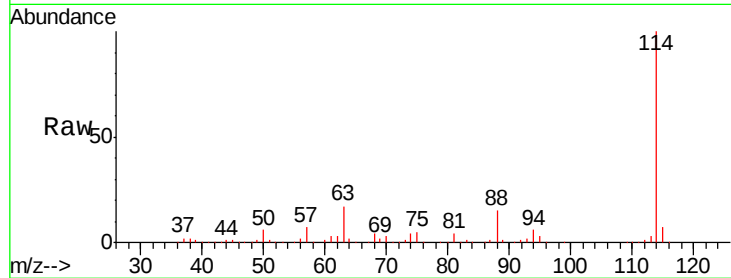




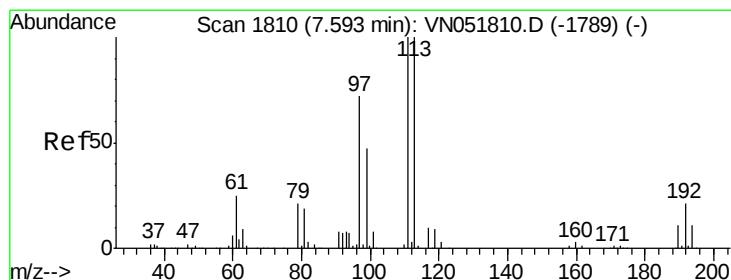
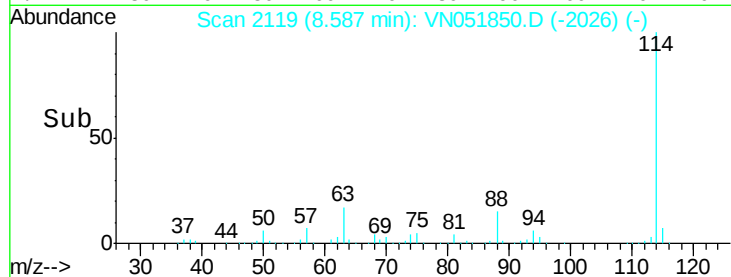
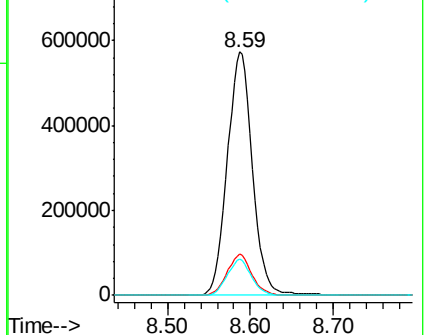
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051850.D
 Acq: 12 Oct 2018 23:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113779ZHE#03

Tgt Ion:114 Resp: 1210449
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 38.6
 88 14.7 0.0 30.6

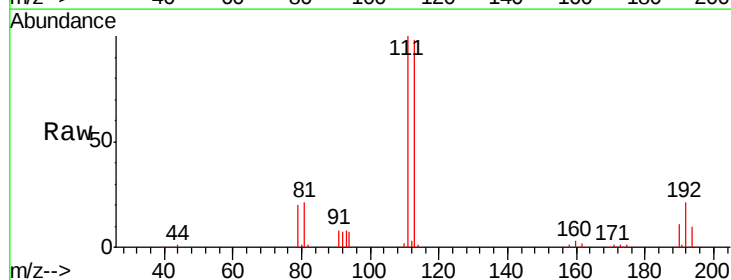


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

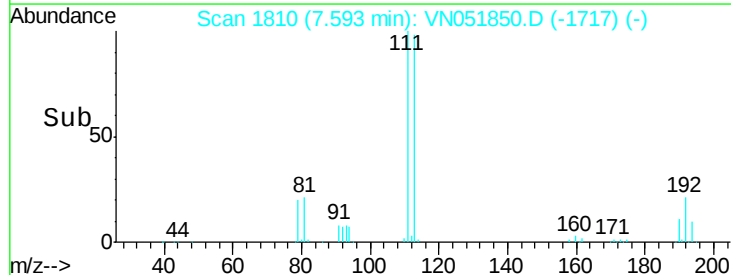
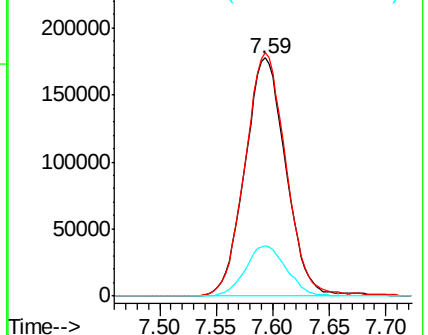


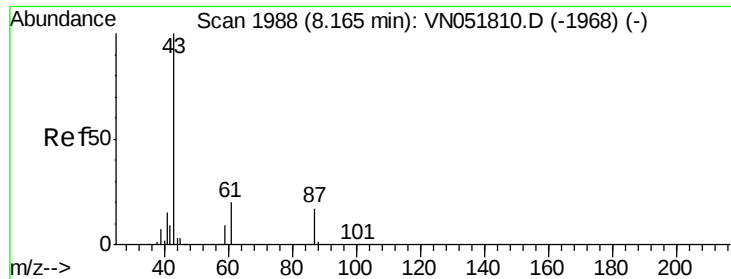
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051850.D
 Acq: 12 Oct 2018 23:13

Tgt Ion:113 Resp: 445198
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 123.8
 192 21.4 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: 24.87 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051850.D

Acq: 12 Oct 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#03

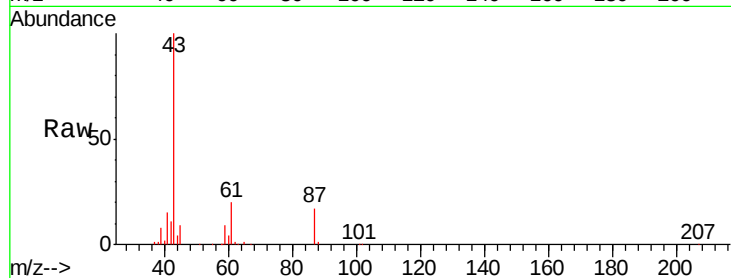
Tgt Ion: 43 Resp: 252440

Ion Ratio Lower Upper

43 100

61 19.5 17.5 26.3

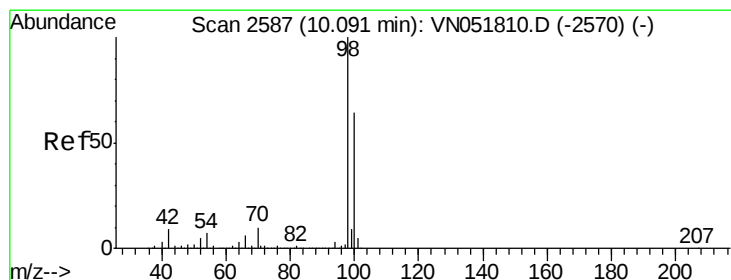
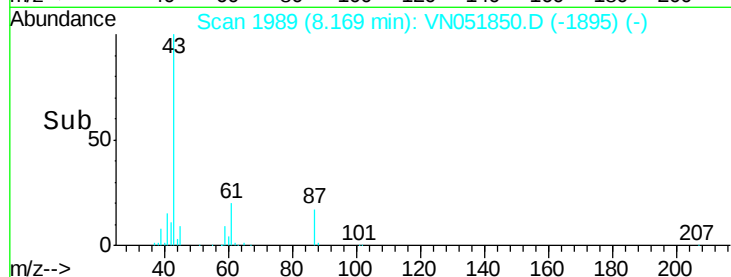
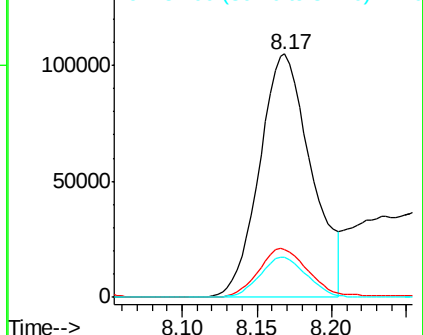
87 15.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN051850.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN051850.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN051850.D (-1895) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051850.D

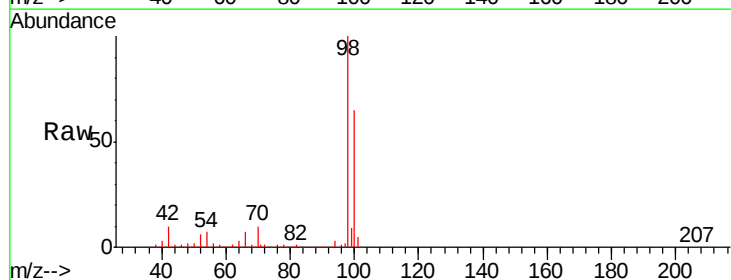
Acq: 12 Oct 2018 23:13

Tgt Ion: 98 Resp: 1667415

Ion Ratio Lower Upper

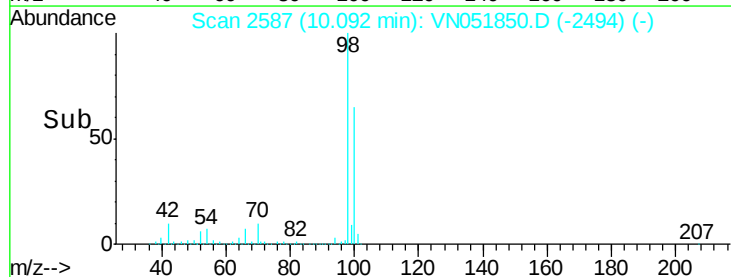
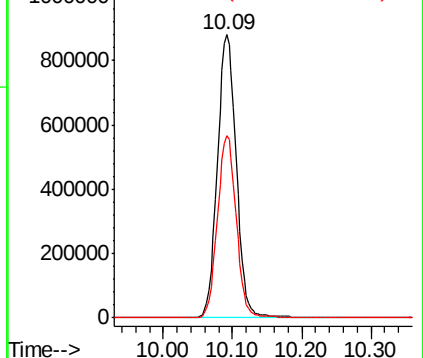
98 100

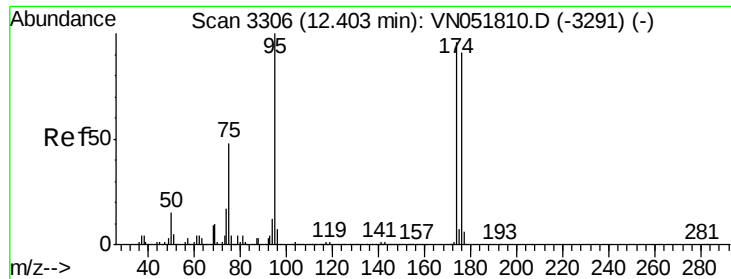
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051850.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051850.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051850.D

Acq: 12 Oct 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#03

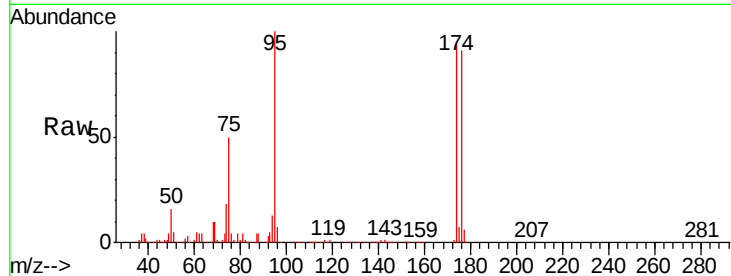
Tgt Ion: 95 Resp: 483639

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.0

176 91.6 0.0 178.8

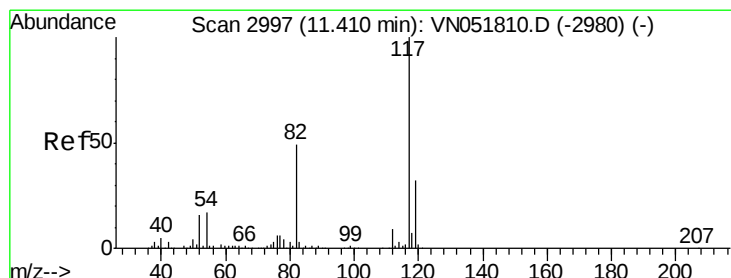
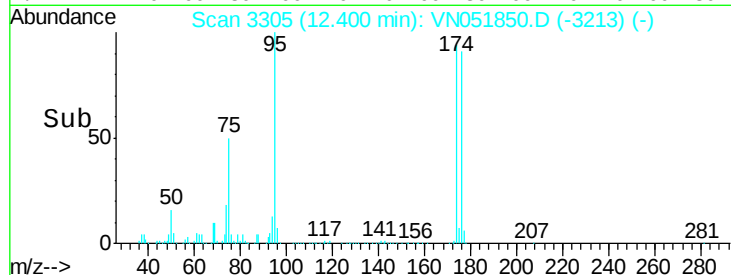


Abundance Ion 94.90 (94.60 to 95.60): VN051810.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051810.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051810.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051850.D

Acq: 12 Oct 2018 23:13

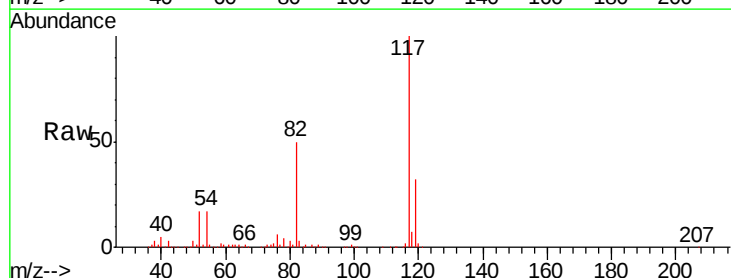
Tgt Ion: 117 Resp: 1063415

Ion Ratio Lower Upper

117 100

82 49.8 42.6 64.0

119 31.6 25.8 38.6

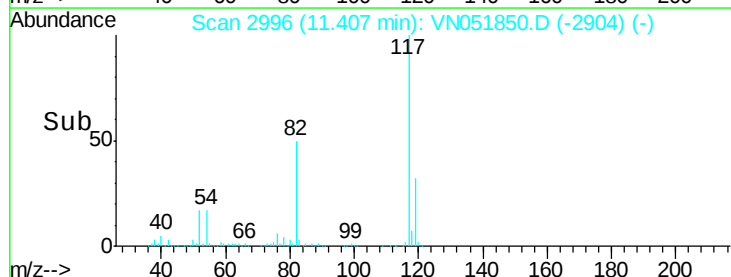


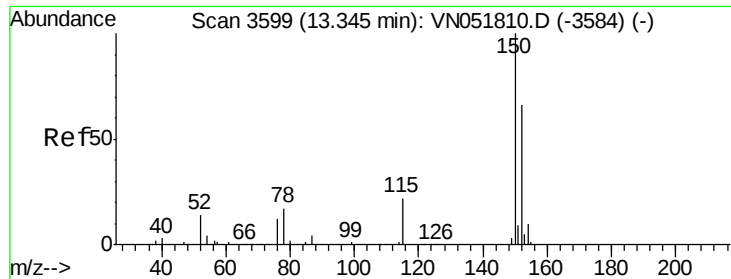
Abundance Ion 116.90 (116.60 to 117.60): VN051810.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051810.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051810.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051850.D

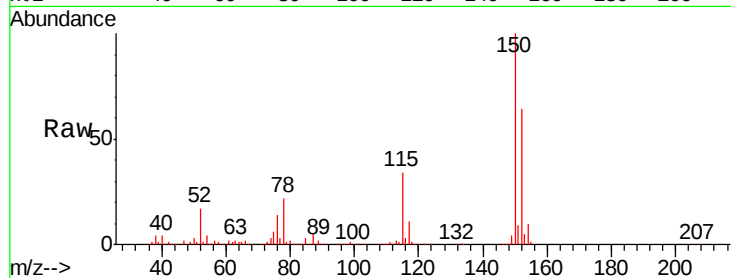
Acq: 12 Oct 2018 23:13

Instrument :

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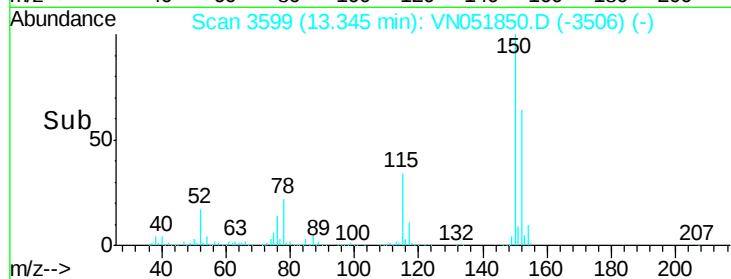
Tgt Ion:152 Resp: 384776

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.4

150 157.2 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

