

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052839.D
 Acq On : 12 Dec 2018 20:40
 Operator : MD\SY
 Sample : PB115564ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115564ZHE#03

Quant Time: Dec 13 04:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

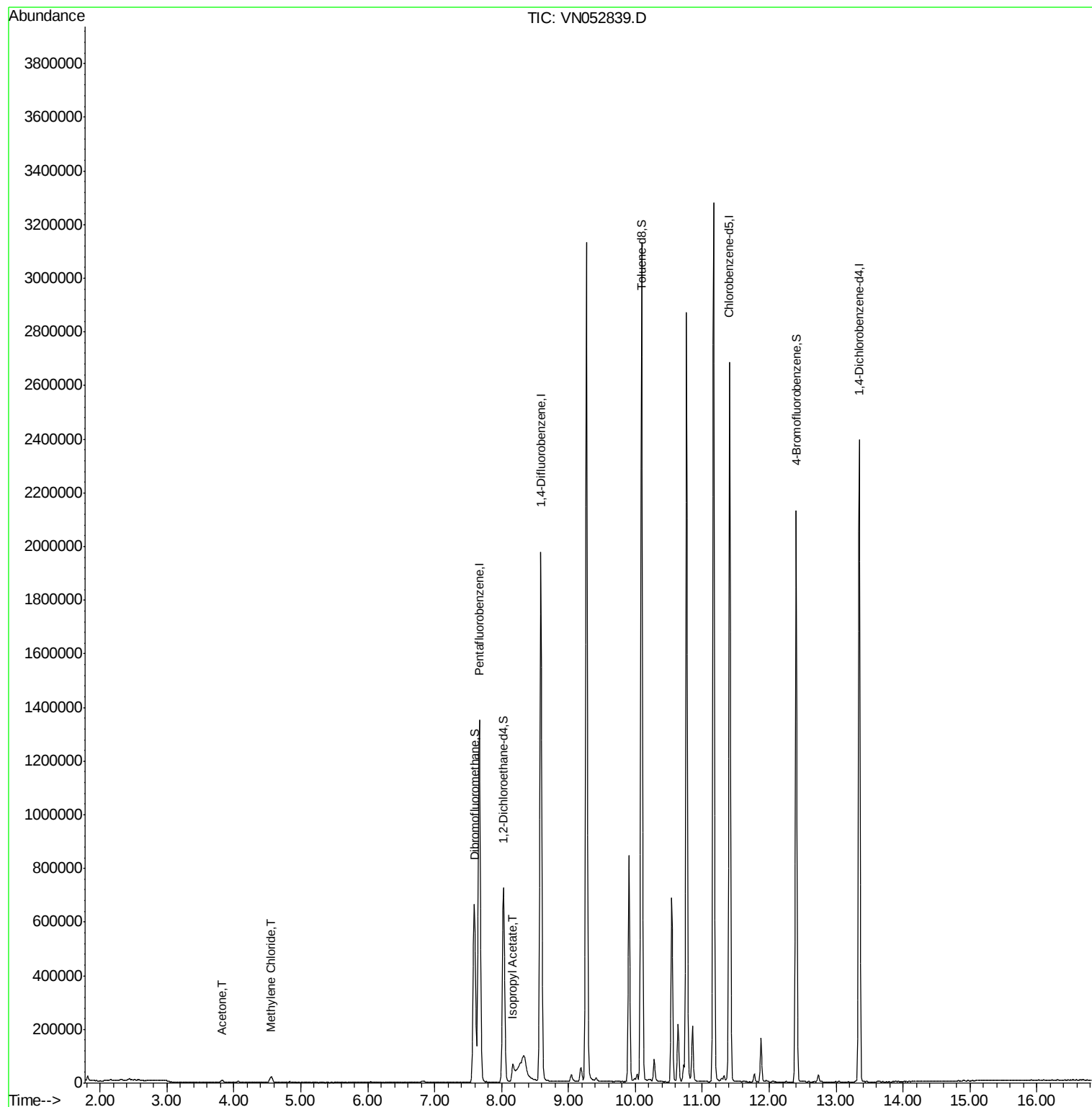
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1174704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1833016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	669392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	615231	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	7.59	113	524230	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.09	98	2248533	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	727453	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
16) Acetone	3.82	43	15008	5.350	ug/l #	87
20) Methylene Chloride	4.55	84	15954	1.264	ug/l	95
43) Isopropyl Acetate	8.17	43	82214	3.954	ug/l #	77

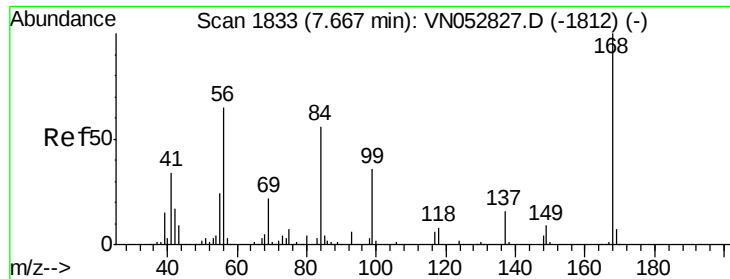
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052839.D

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Instrument :

MSVOA_N

ClientSampleId :

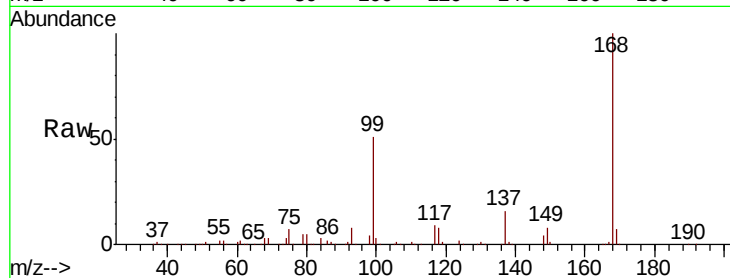
PB115564ZHE#03

Tot Ion:168 Resp: 1174704

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

500000

400000

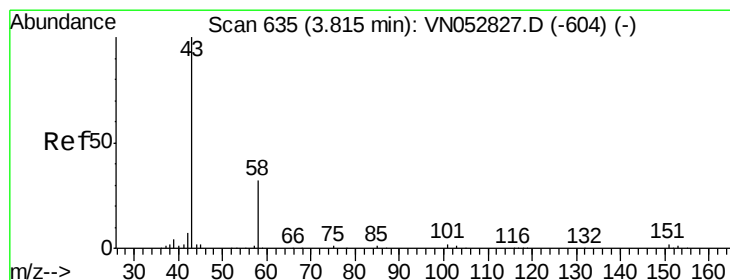
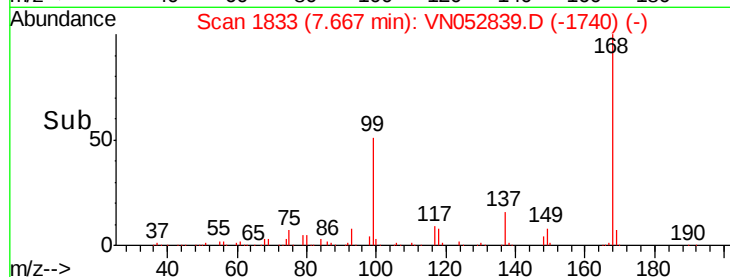
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.350 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052839.D

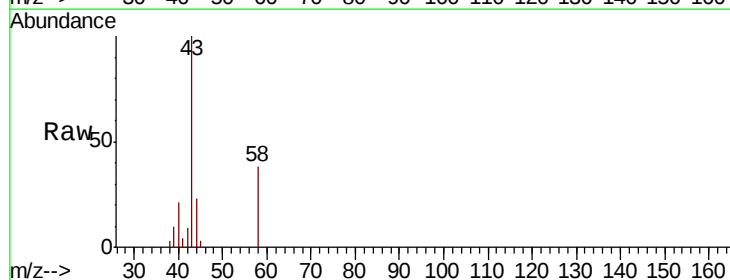
Acq: 12 Dec 2018 20:40

Tgt Ion: 43 Resp: 15008

Ion Ratio Lower Upper

43 100

58 39.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

6000

5000

4000

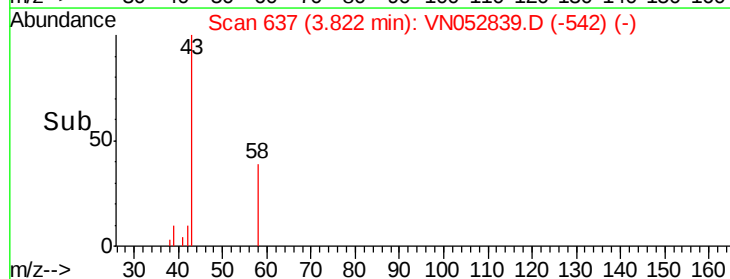
3000

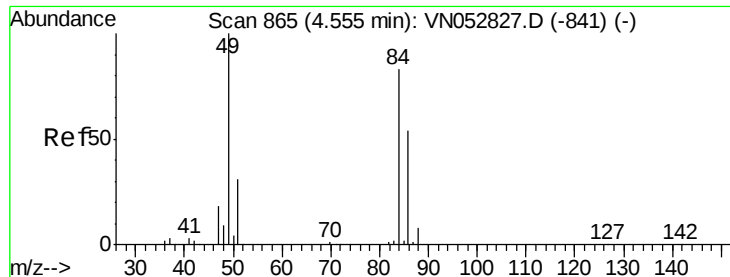
2000

1000

0

Time-->

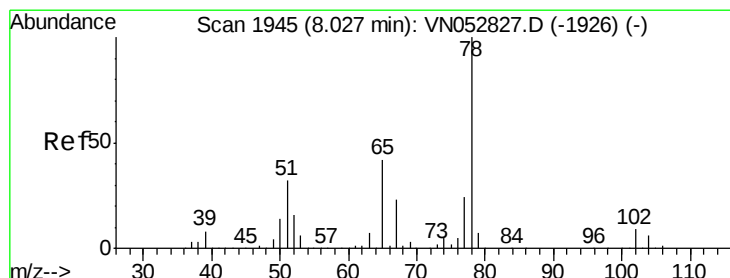
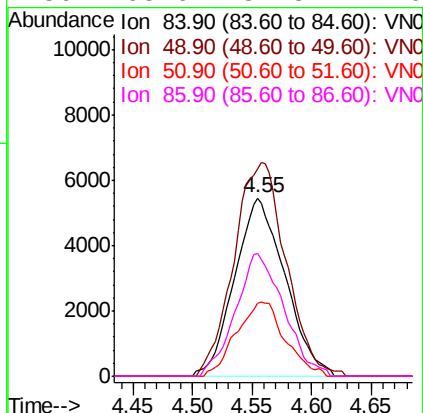
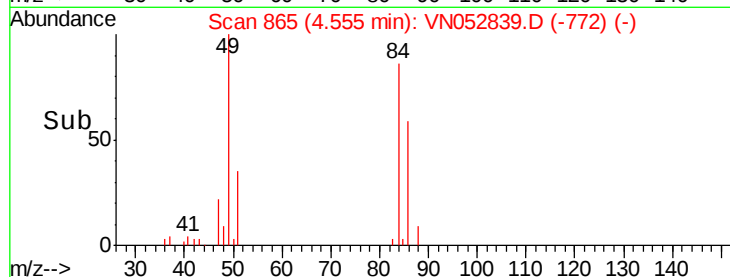
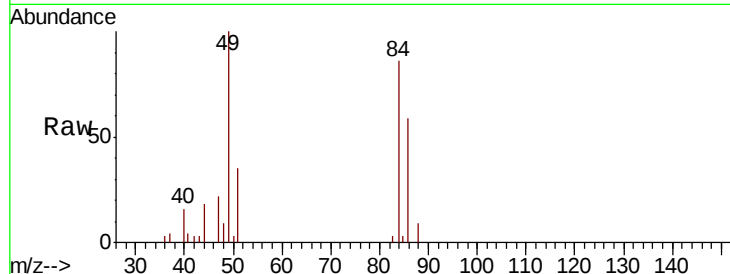




#20
Methvlene Chloride
Concen: 1.264 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052839.D
Acq: 12 Dec 2018 20:40

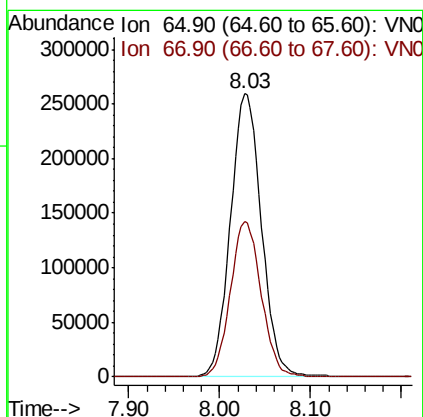
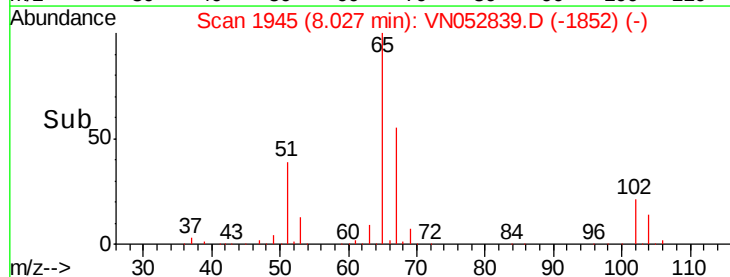
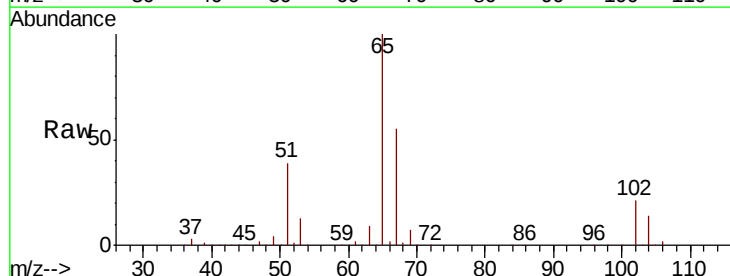
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#03

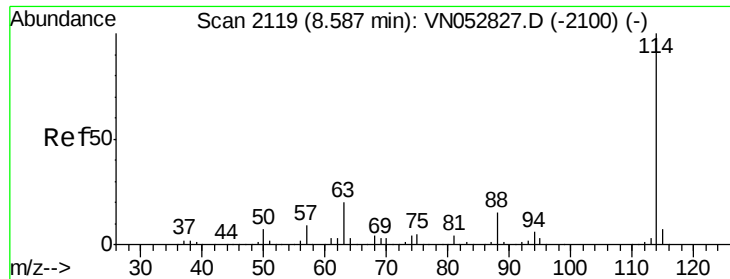
Tot Ion: 84 Resp: 15954
Ion Ratio Lower Upper
84 100
49 116.6 96.8 145.2
51 40.8 29.9 44.9
86 68.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052839.D
Acq: 12 Dec 2018 20:40

Tgt Ion: 65 Resp: 615231
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052839.D

Acq: 12 Dec 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#03

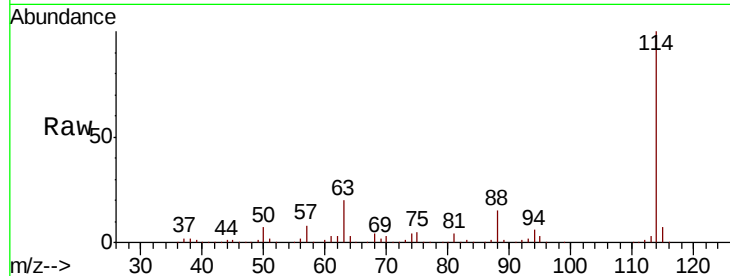
Tot Ion:114 Resp: 1833016

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

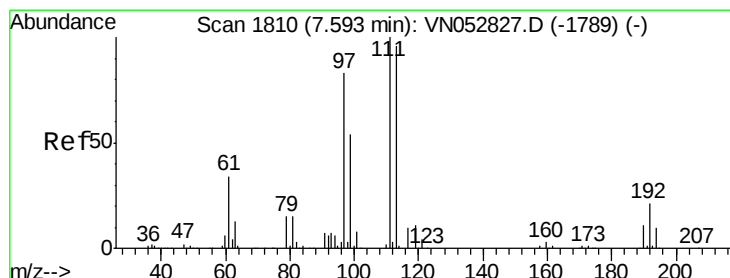
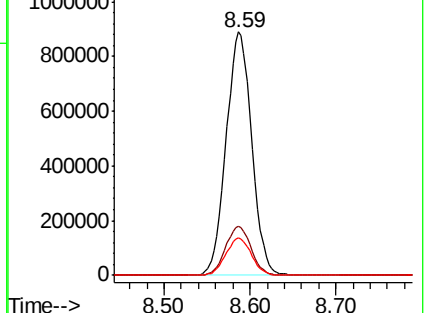
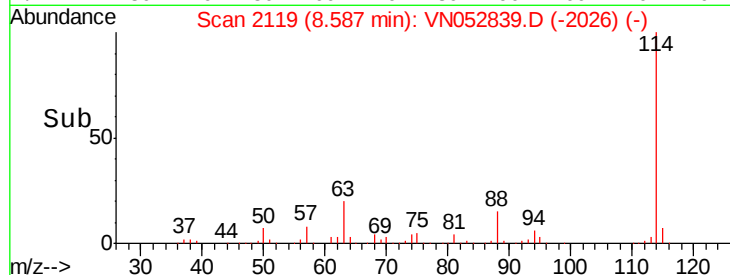
88 15.4 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052839.D

Acq: 12 Dec 2018 20:40

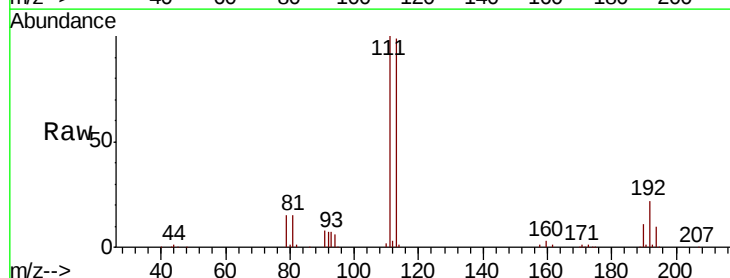
Tgt Ion:113 Resp: 524230

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

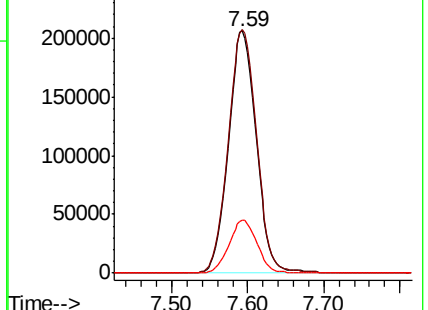
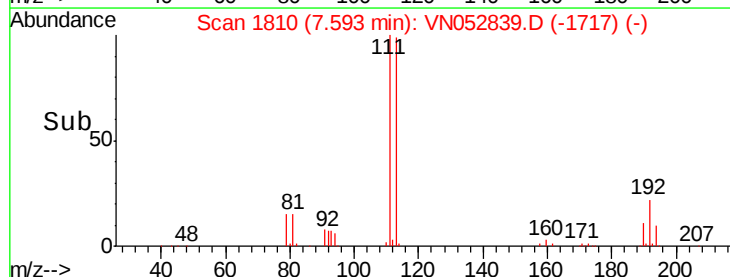
192 22.0 17.5 26.3

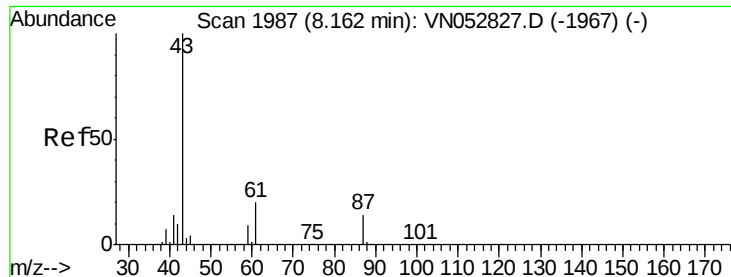


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.954 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052839.D

Acq: 12 Dec 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#03

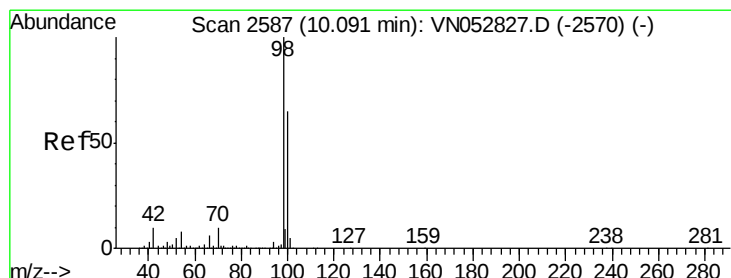
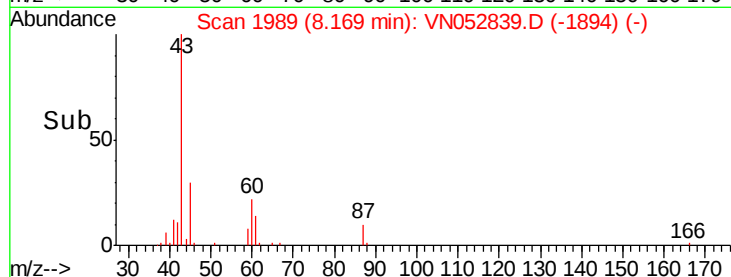
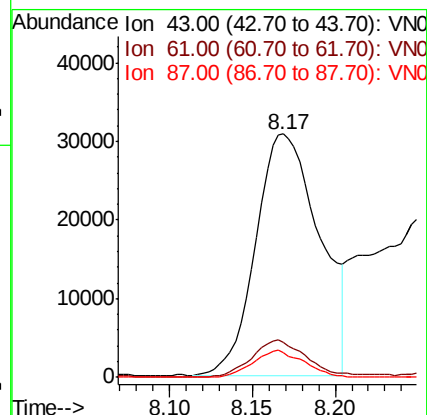
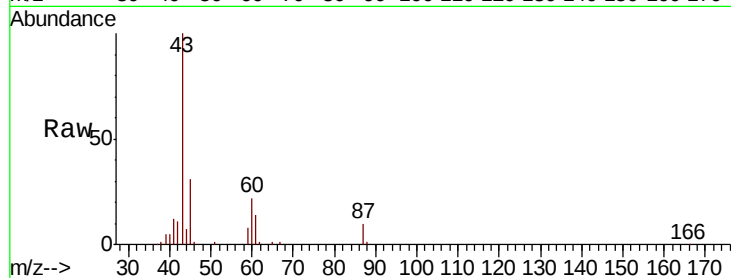
Tot Ion: 43 Resp: 82214

Ion Ratio Lower Upper

43 100

61 13.3 22.9 34.3#

87 8.8 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052839.D

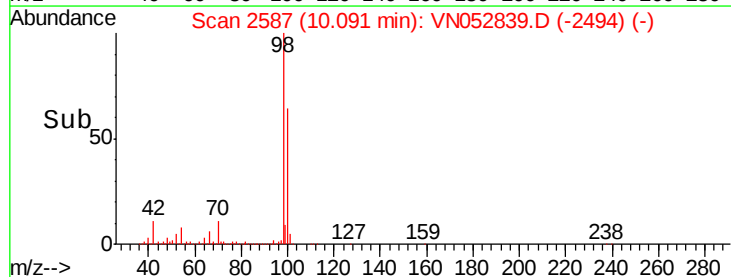
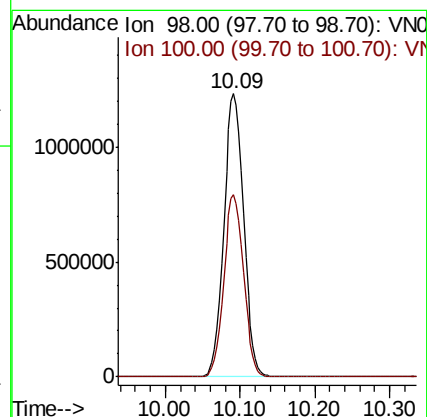
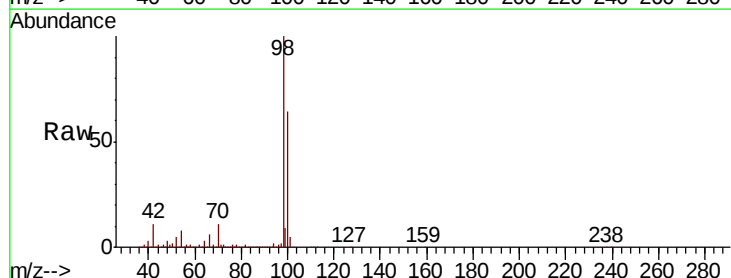
Acq: 12 Dec 2018 20:40

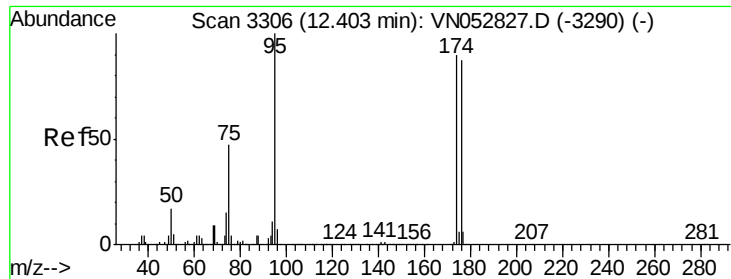
Tgt Ion: 98 Resp: 2248533

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

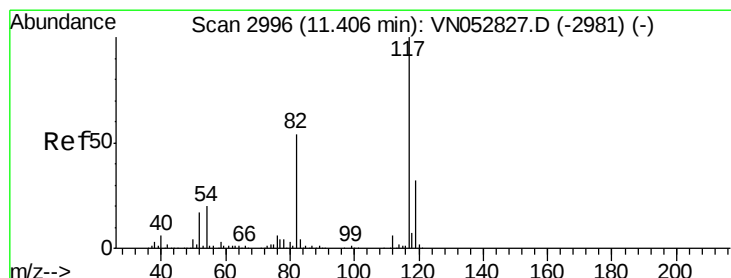
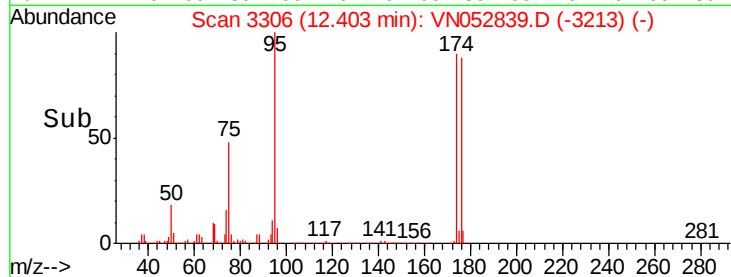
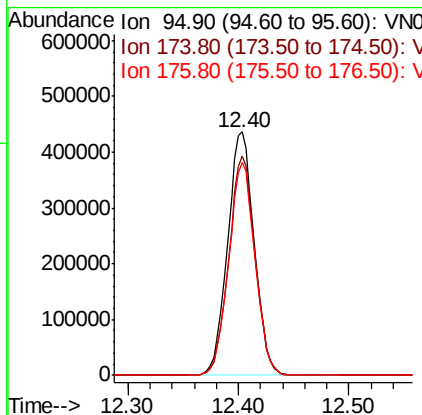
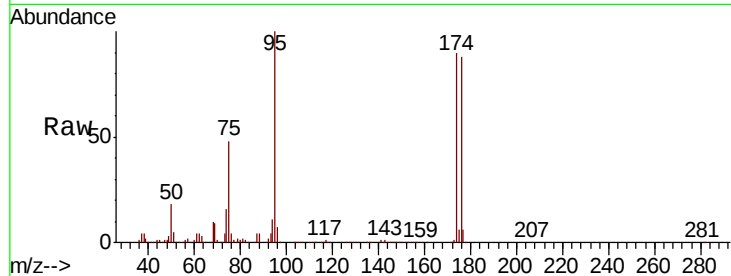




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052839.D
Acq: 12 Dec 2018 20:40

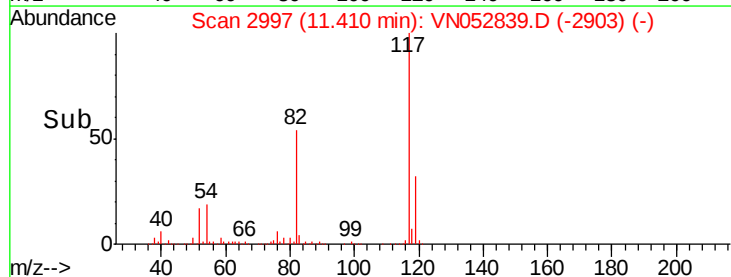
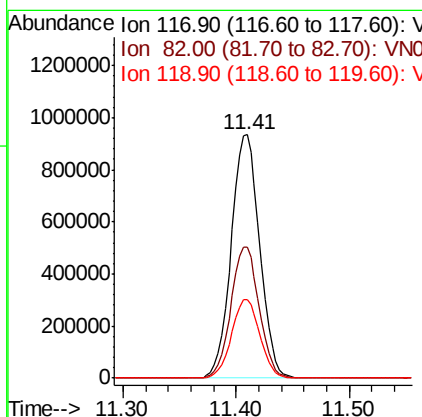
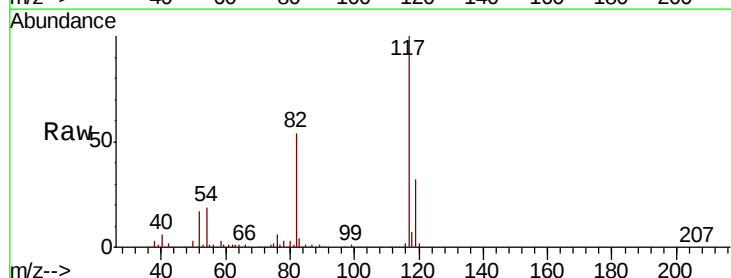
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#03

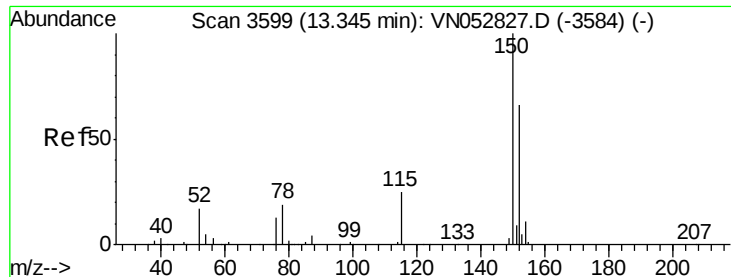
Tot Ion: 95 Resp: 727453
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.8
176 86.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052839.D
Acq: 12 Dec 2018 20:40

Tgt Ion: 117 Resp: 1627989
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052839.D

Acq: 12 Dec 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#03

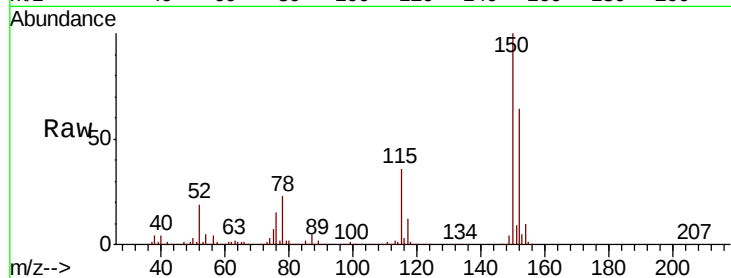
Tot Ion:152 Resp: 669392

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

150 156.7 0.0 347.8



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

