

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052801.D
 Acq On : 11 Dec 2018 14:48
 Operator : MD\SY
 Sample : PB115504ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#06

Quant Time: Dec 12 01:28:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

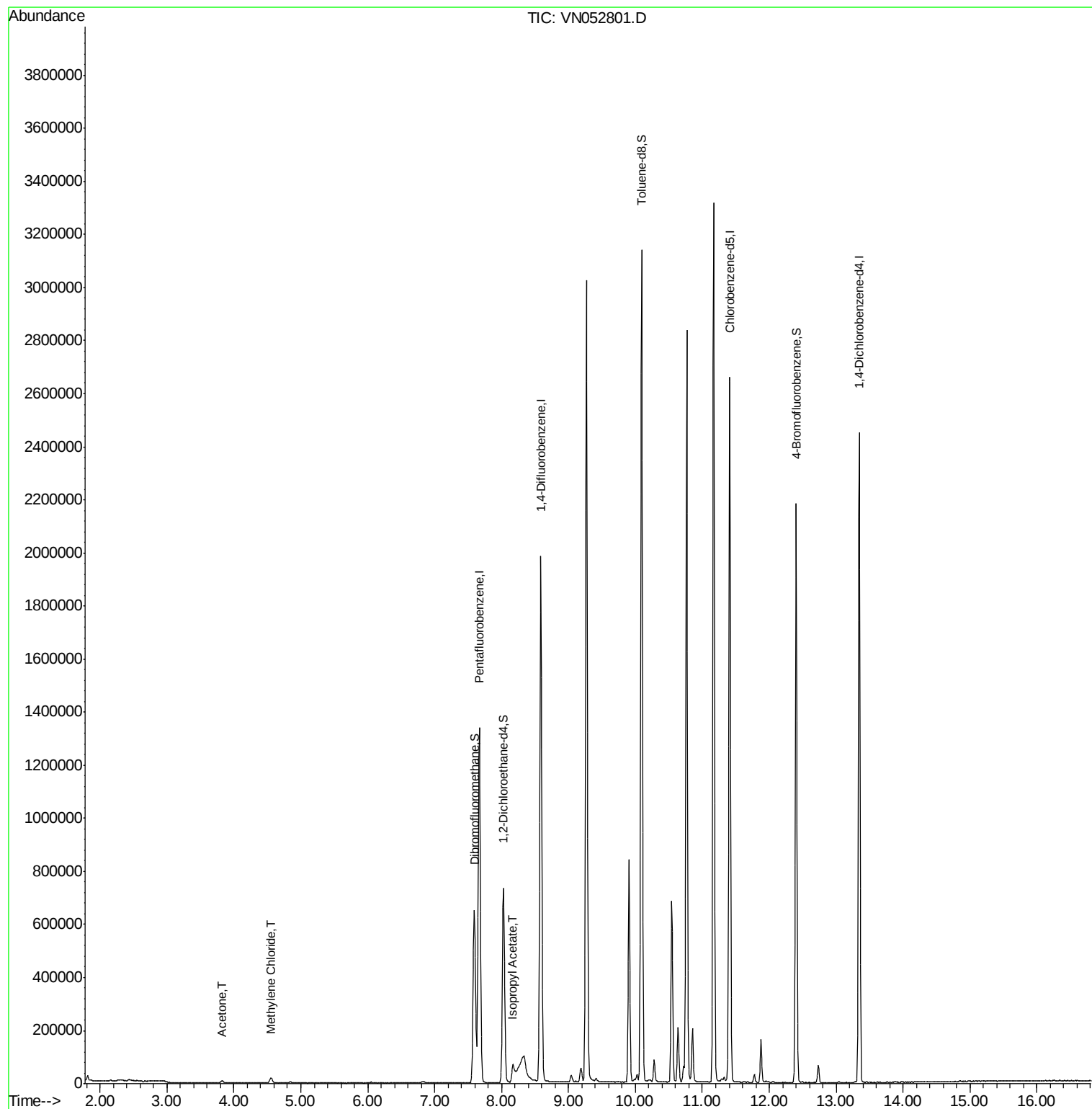
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1164120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	613695	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	7.59	113	514504	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	2245179	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	737883	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
16) Acetone	3.82	43	15712	4.700	ug/l	95
20) Methylene Chloride	4.55	84	14522	1.110	ug/l	95
43) Isopropyl Acetate	8.17	43	95761	5.365	ug/l #	72

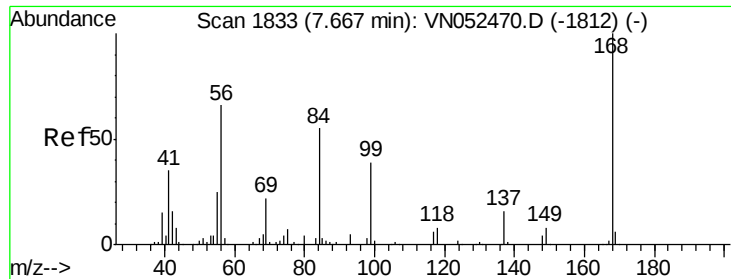
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

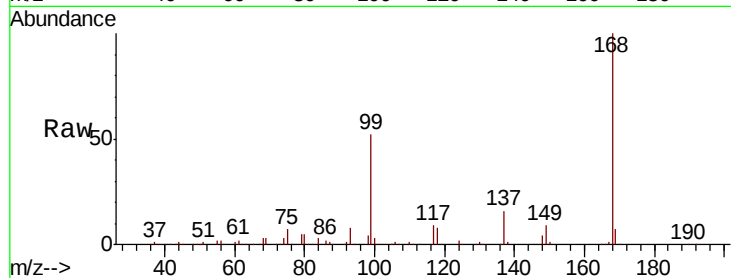
PB115504ZHE#06

Tot Ion:168 Resp: 1164120

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

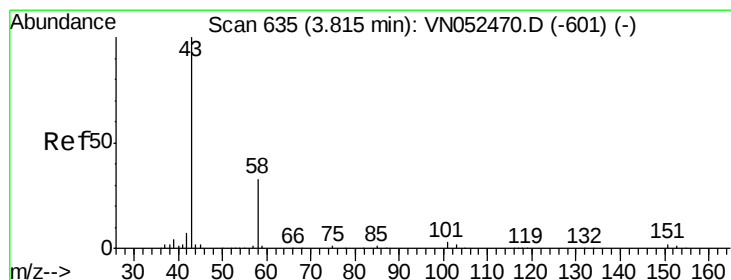
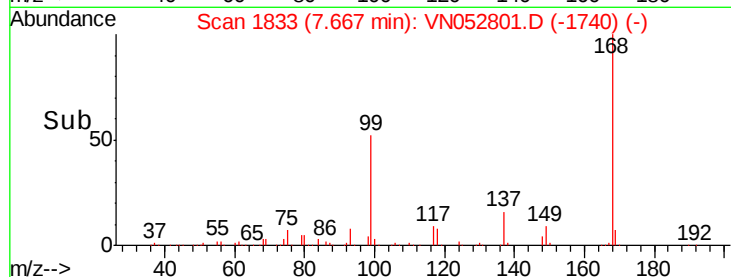
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.700 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052801.D

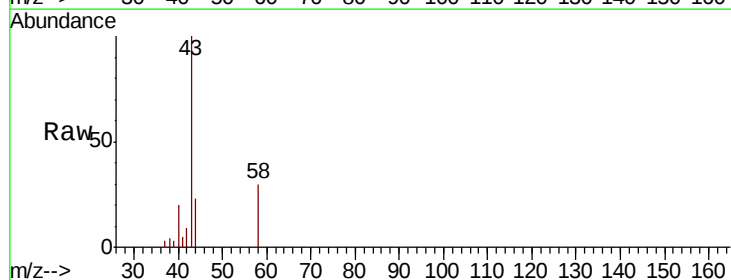
Acq: 11 Dec 2018 14:48

Tgt Ion: 43 Resp: 15712

Ion Ratio Lower Upper

43 100

58 29.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

6000

5000

4000

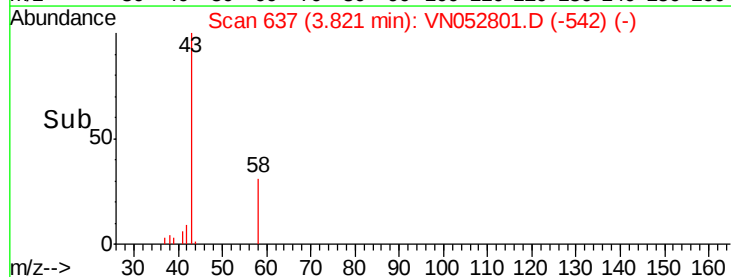
3000

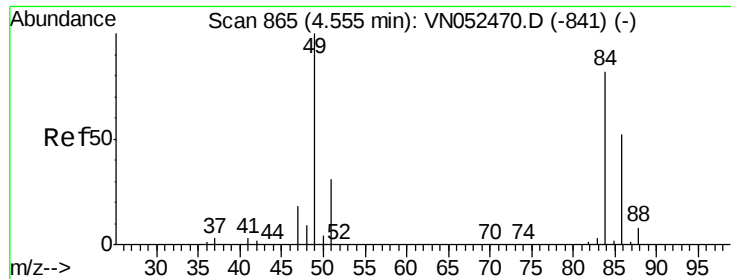
2000

1000

0

Time-->

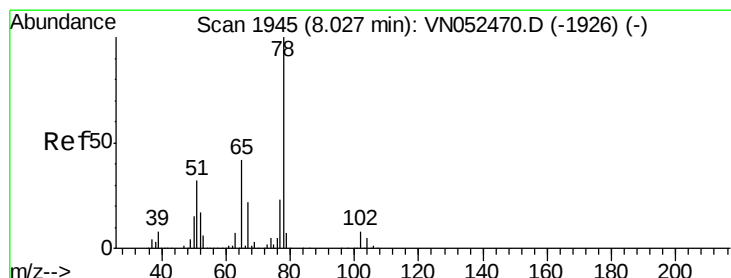
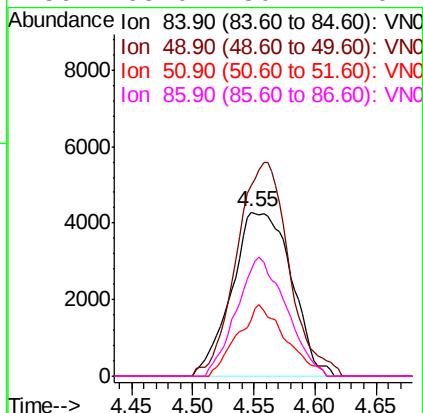
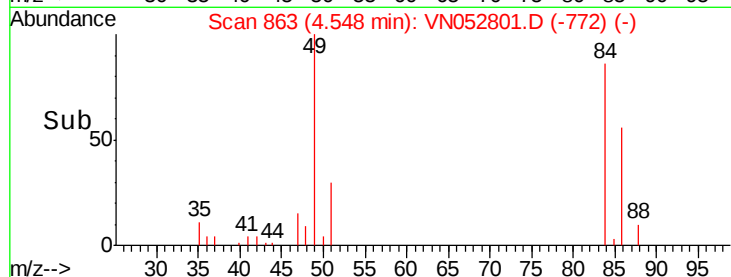
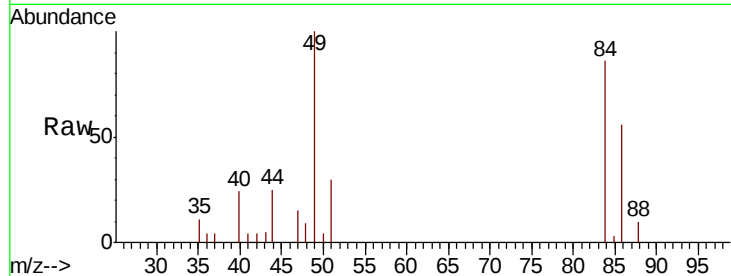




#20
Methvlene Chloride
Concen: 1.110 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

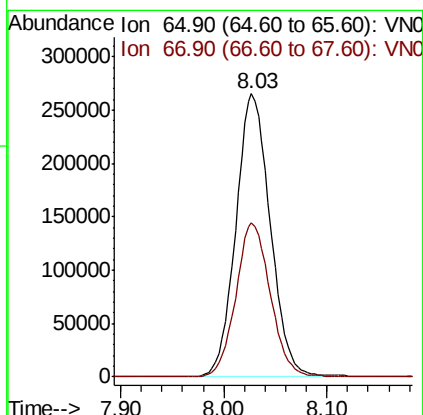
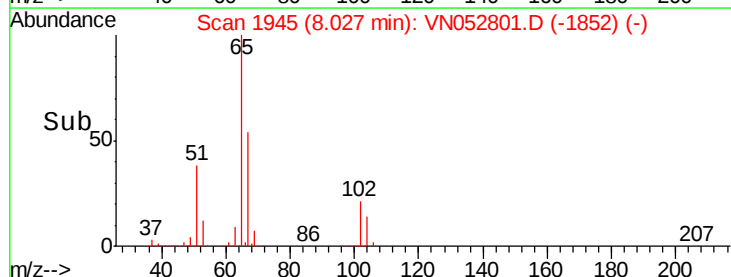
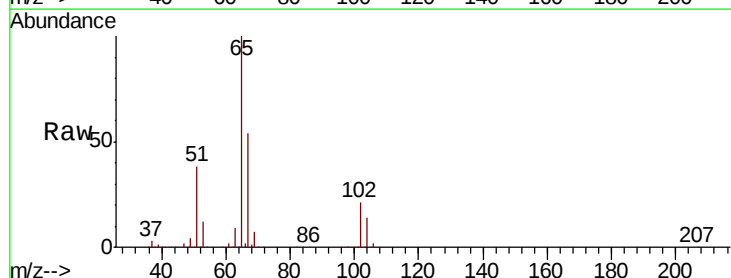
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

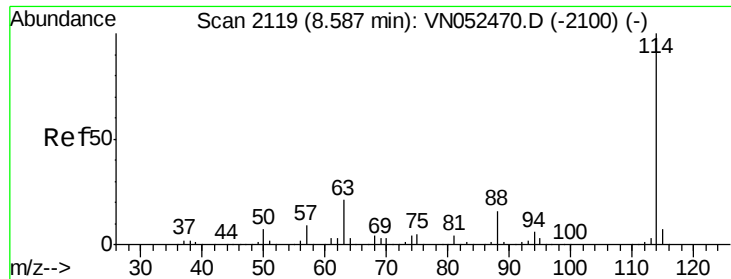
Tot Ion: 84 Resp: 14522
Ion Ratio Lower Upper
84 100
49 116.1 98.0 147.0
51 34.5 30.1 45.1
86 65.0 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 65 Resp: 613695
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.8

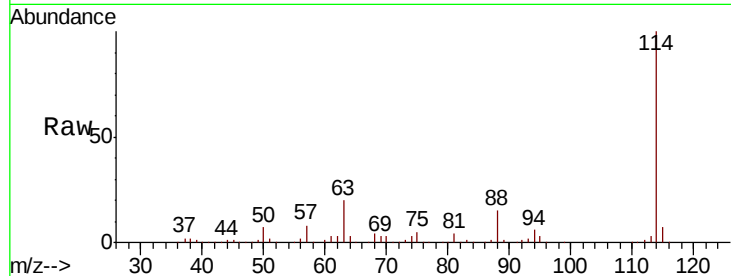




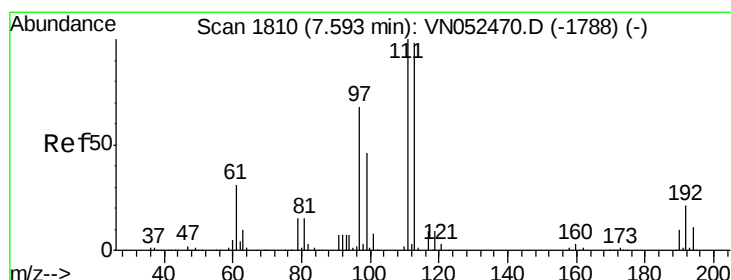
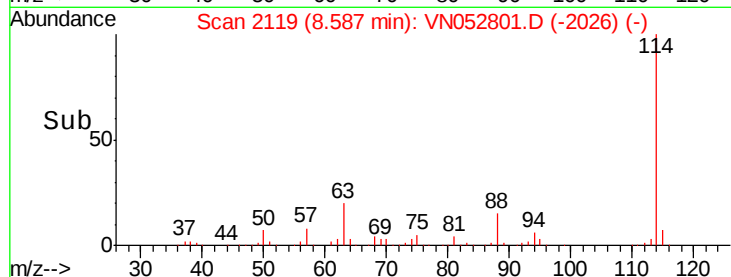
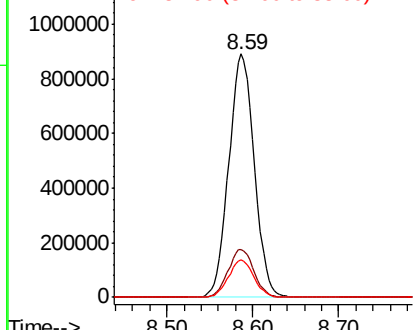
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

Tot Ion:114 Resp: 1830019
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.8
88 15.4 0.0 31.6

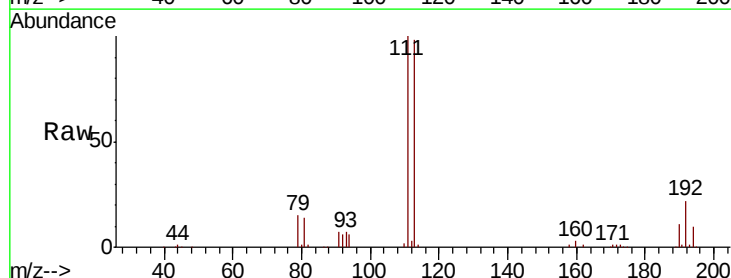


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

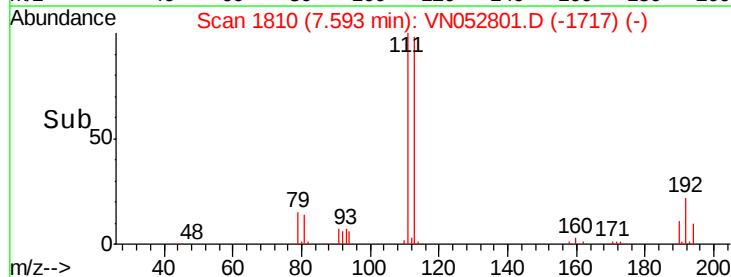
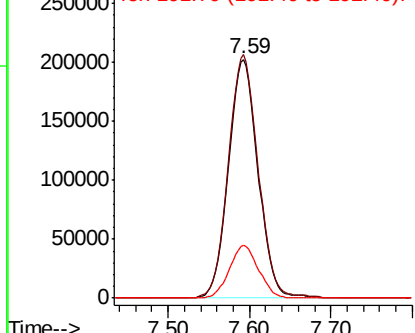


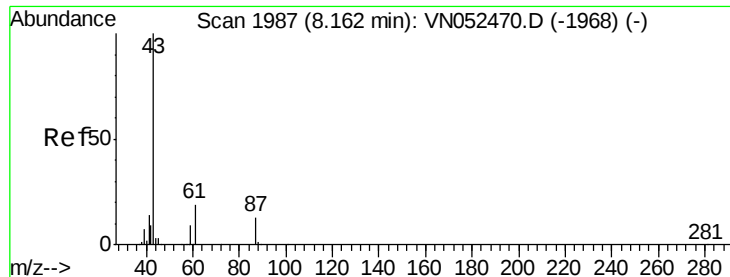
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion:113 Resp: 514504
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 21.8 17.0 25.6



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: 5.365 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

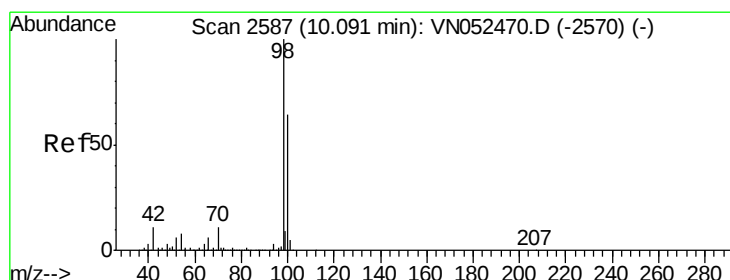
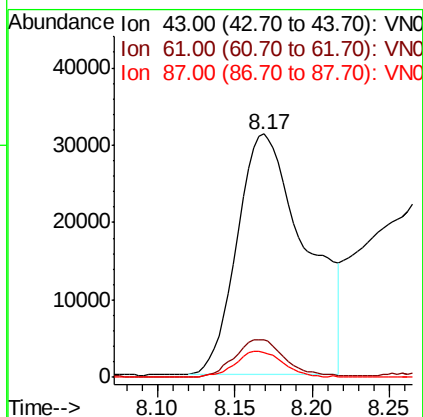
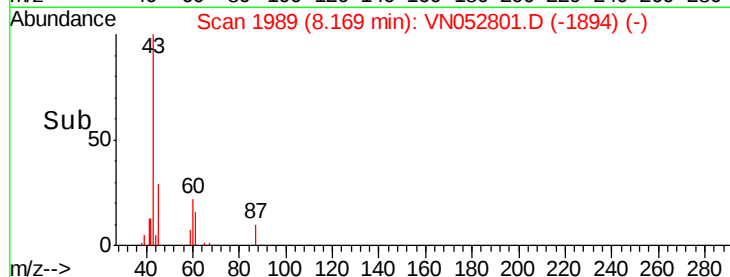
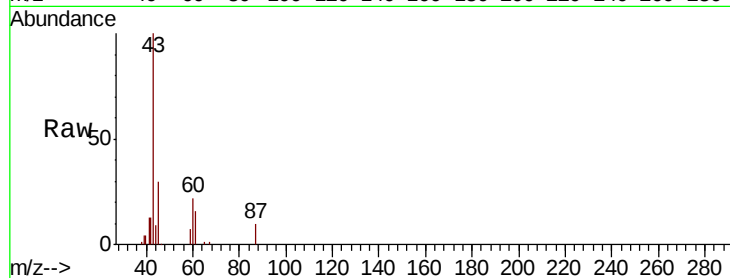
Tot Ion: 43 Resp: 95761

Ion Ratio Lower Upper

43 100

61 11.7 24.1 36.1#

87 7.5 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: VN052801.D

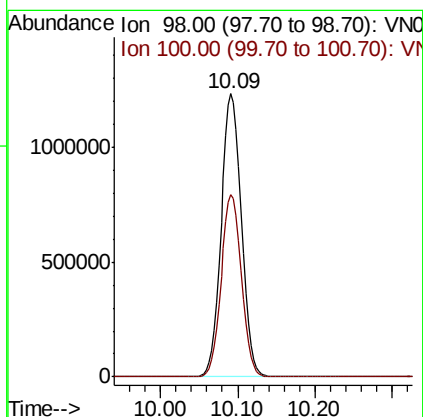
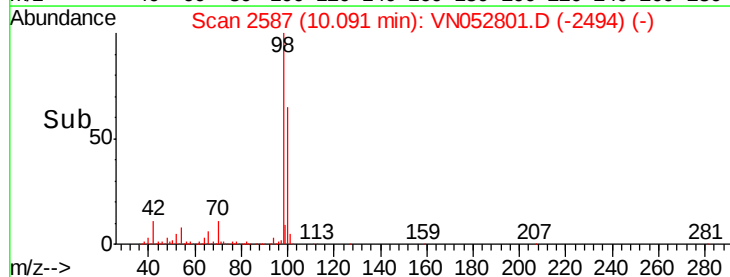
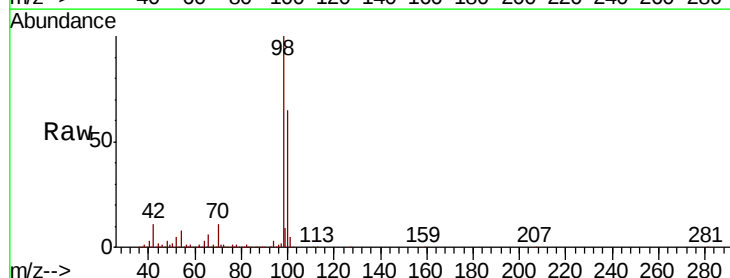
Acq: 11 Dec 2018 14:48

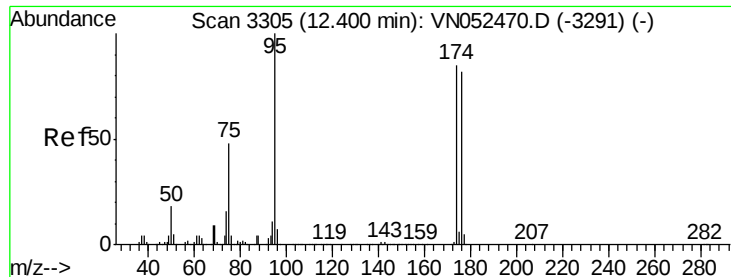
Tgt Ion: 98 Resp: 2245179

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9

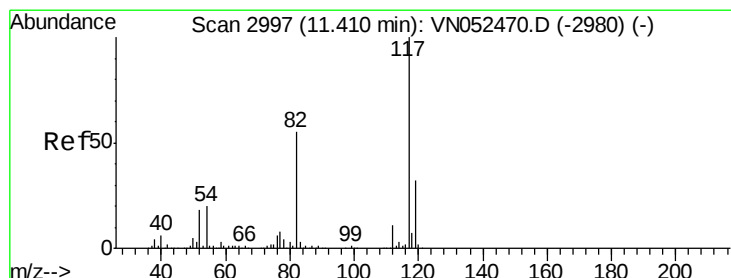
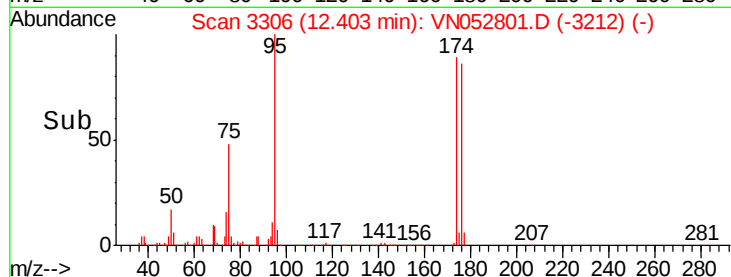
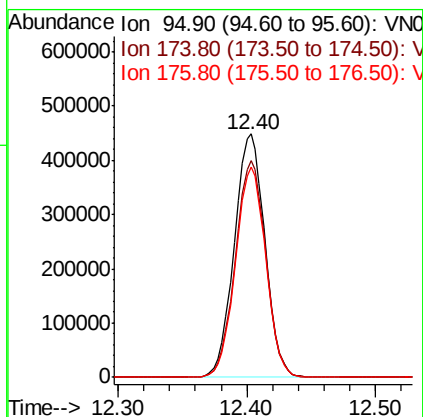
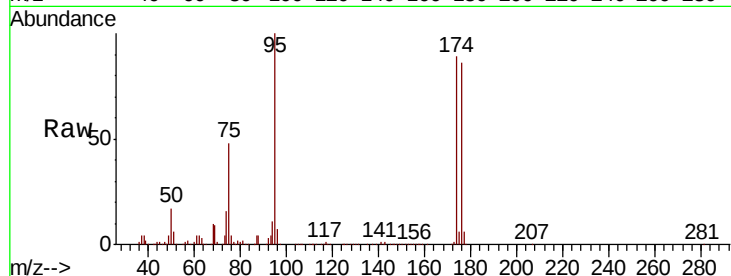




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

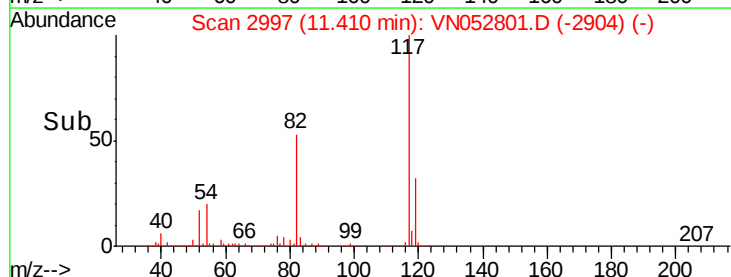
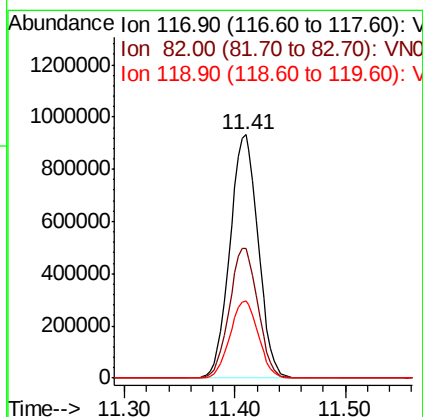
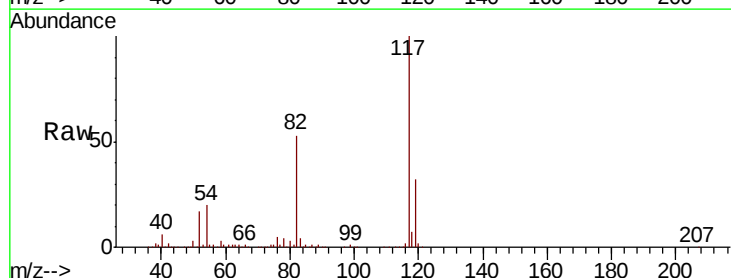
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

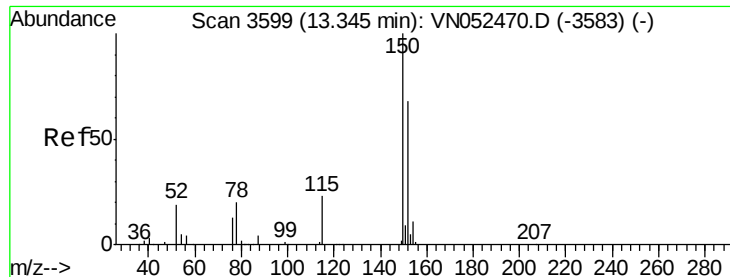
Tot Ion: 95 Resp: 737883
Ion Ratio Lower Upper
95 100
174 89.1 0.0 173.0
176 85.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 117 Resp: 1651756
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

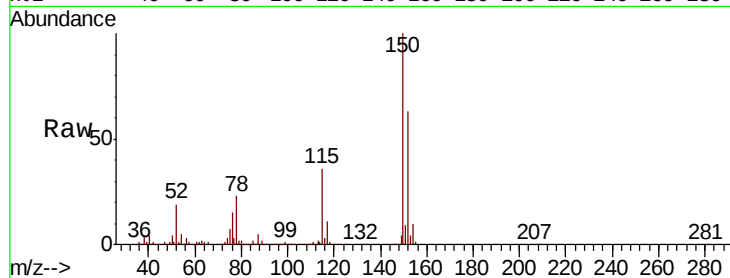
Tot Ion:152 Resp: 687321

Ion Ratio Lower Upper

152 100

115 56.1 28.4 85.2

150 156.7 0.0 346.0



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

