

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052807.D
 Acq On : 11 Dec 2018 17:29
 Operator : MD\SY
 Sample : PB115504ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#12

Quant Time: Dec 12 02:21:43 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

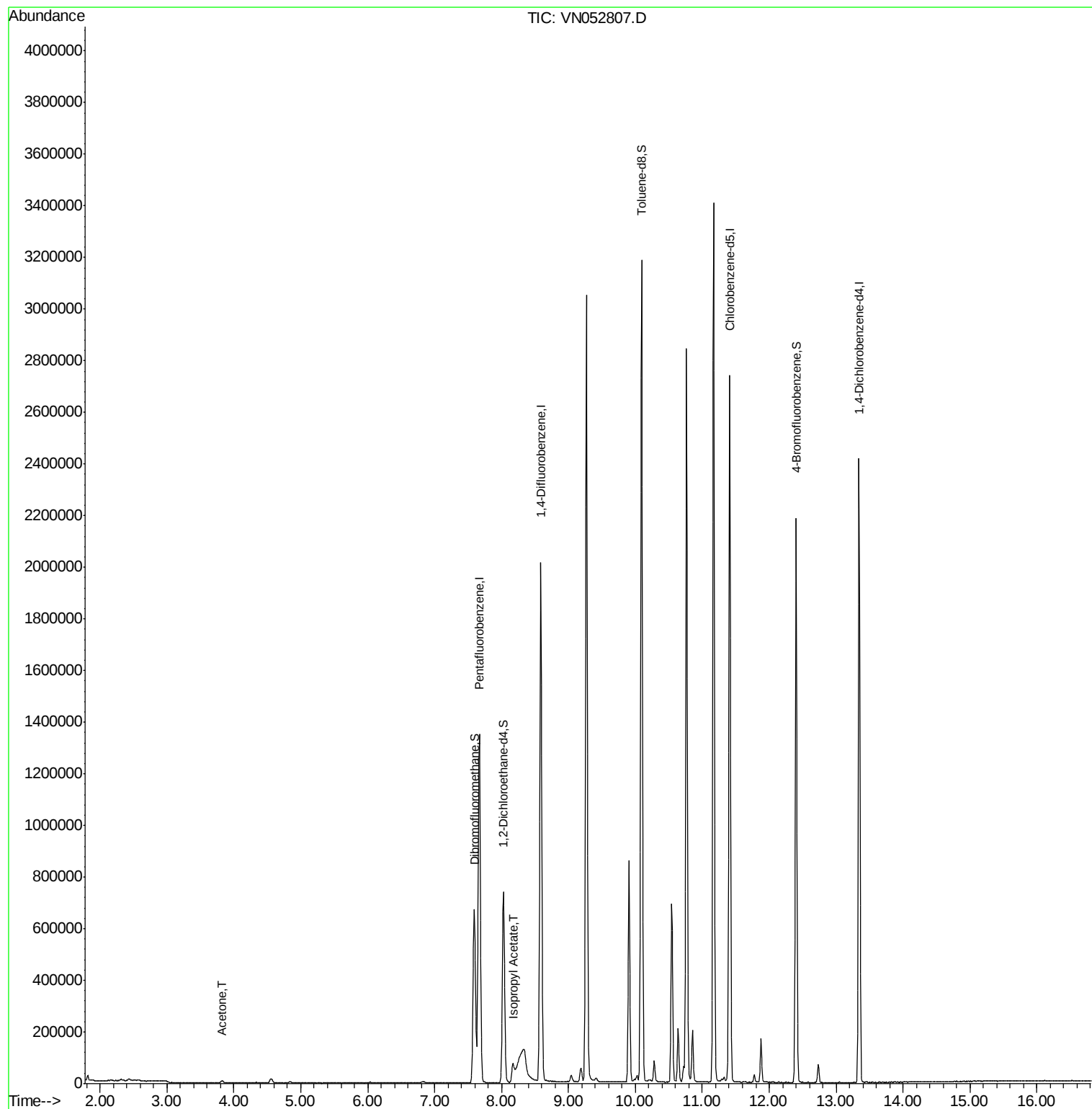
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1850249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1672846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	691433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	626016	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.59	113	526132	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	10.09	98	2278069	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.40	95	744343	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
Target Compounds						
16) Acetone	3.82	43	14900	4.372	ug/l #	88
43) Isopropyl Acetate	8.17	43	90782	5.031	ug/l #	73

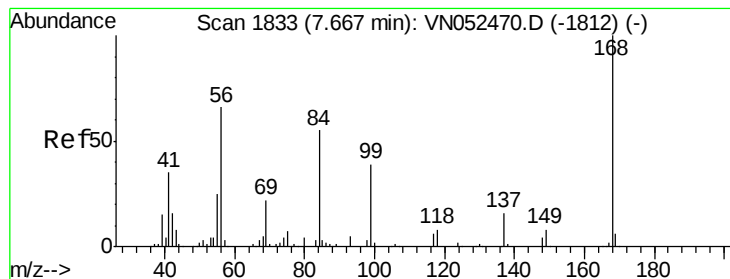
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052807.D

Acq: 11 Dec 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

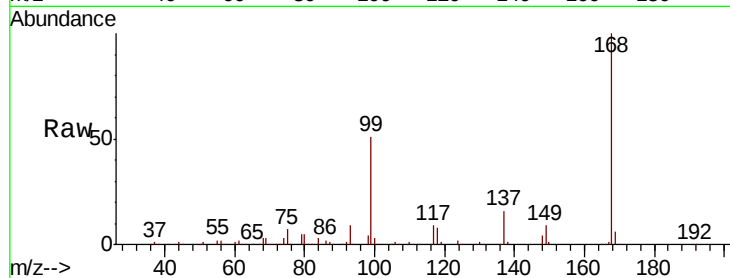
PB115504ZHE#12

Tot Ion:168 Resp: 1186822

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052807.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052807.D (-1740) (-)

7.67

500000

400000

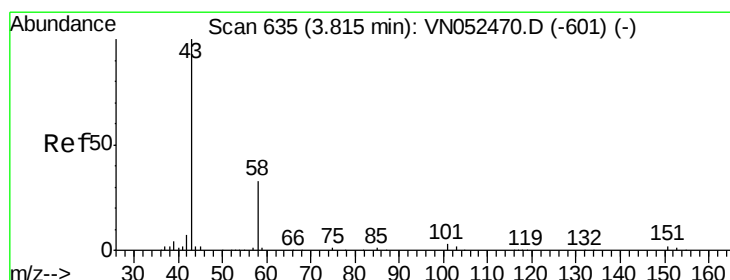
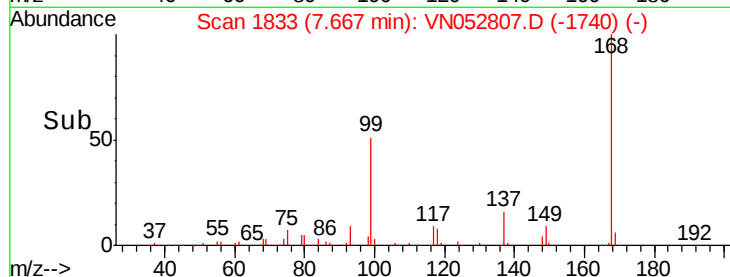
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.372 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052807.D

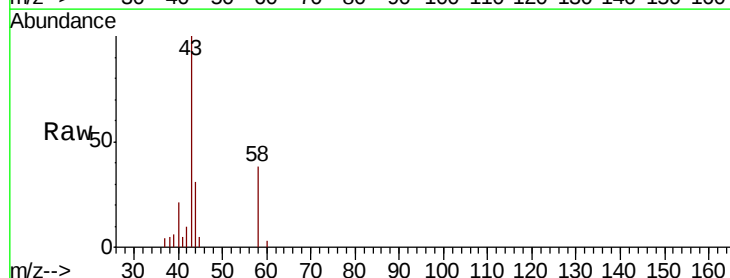
Acq: 11 Dec 2018 17:29

Tgt Ion: 43 Resp: 14900

Ion Ratio Lower Upper

43 100

58 39.1 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052807.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052807.D (-542) (-)

3.82

6000

5000

4000

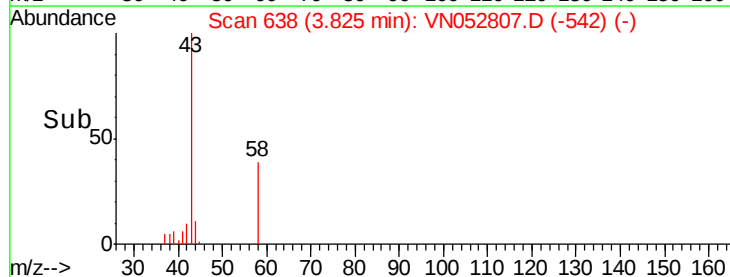
3000

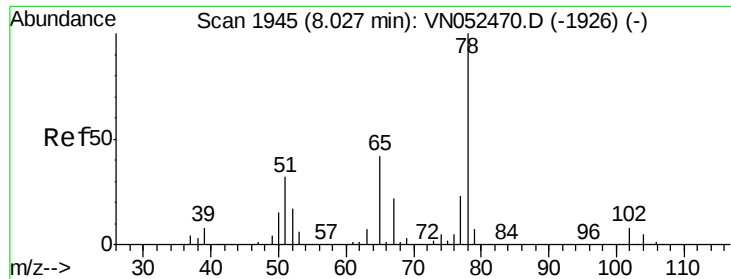
2000

1000

0

Time-->

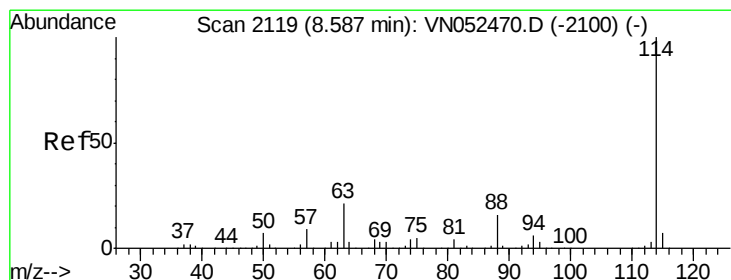
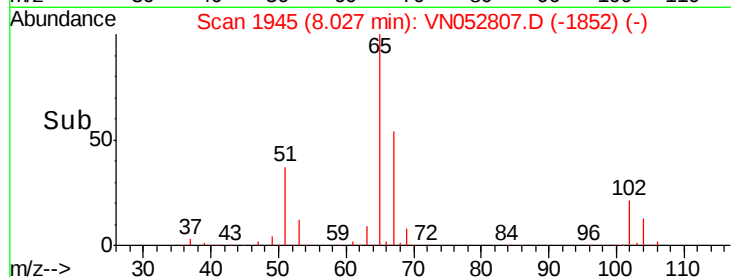
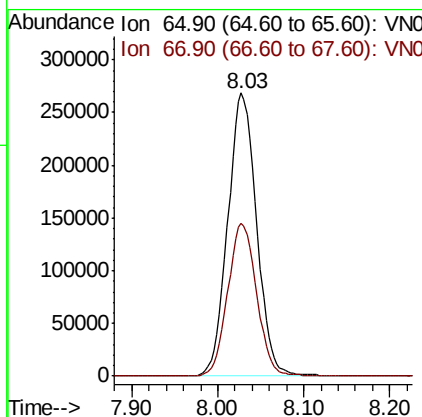
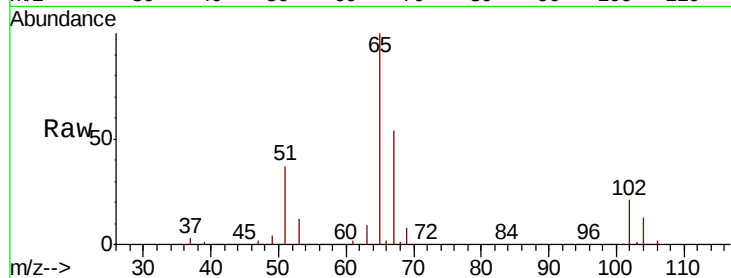




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052807.D
 Acq: 11 Dec 2018 17:29

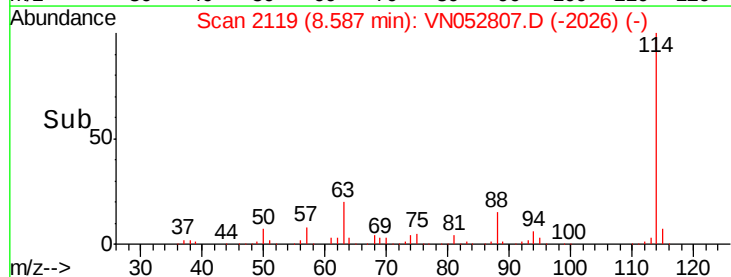
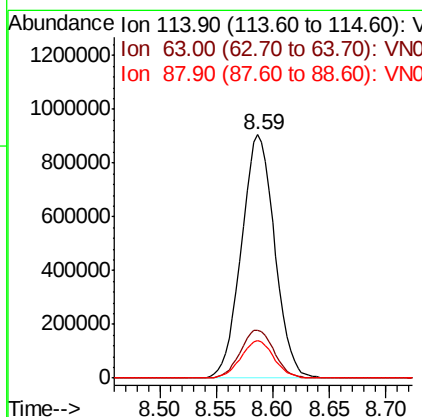
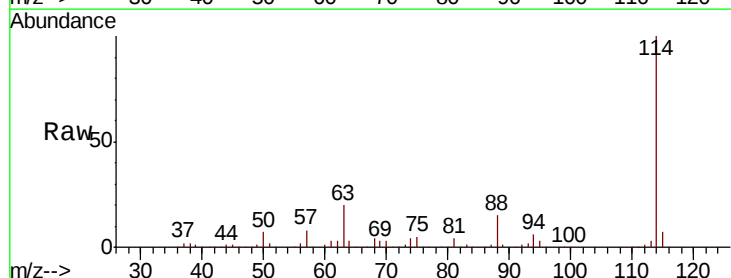
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#12

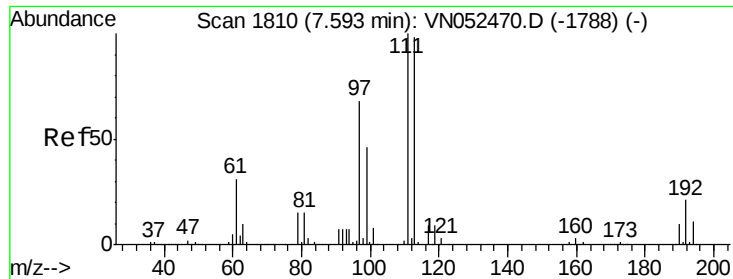
Tot Ion: 65 Resp: 626016
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052807.D
 Acq: 11 Dec 2018 17:29

Tgt Ion: 114 Resp: 1850249
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 15.4 0.0 31.6

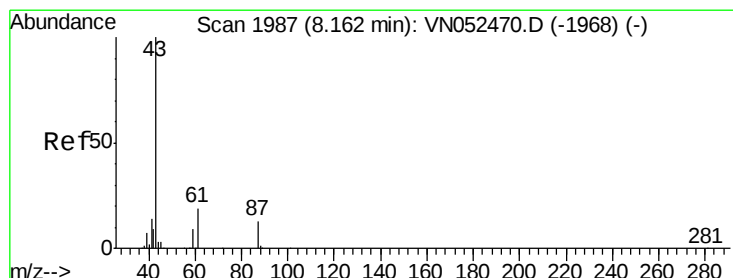
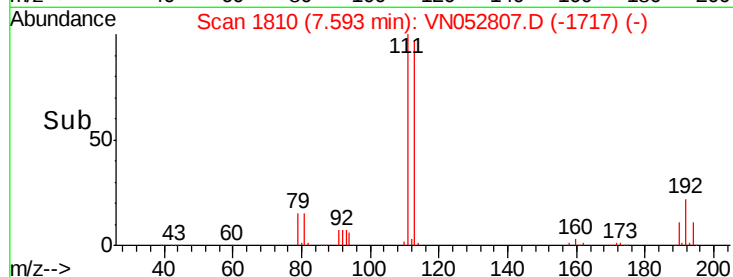
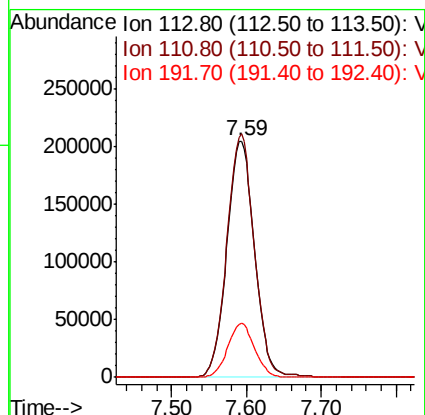
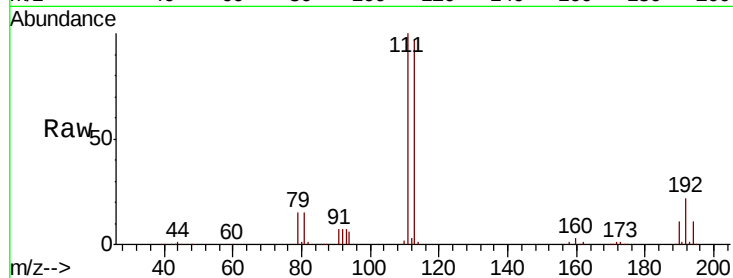




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052807.D
 Acq: 11 Dec 2018 17:29

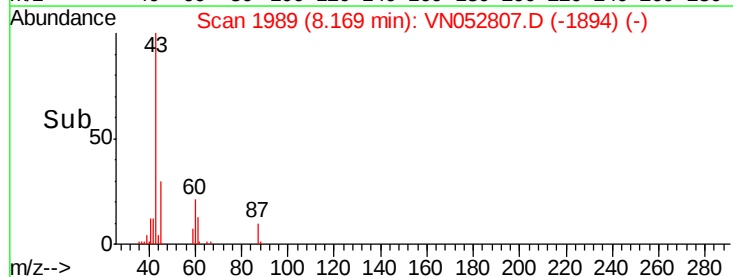
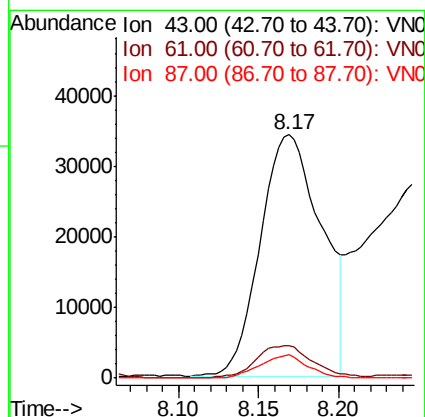
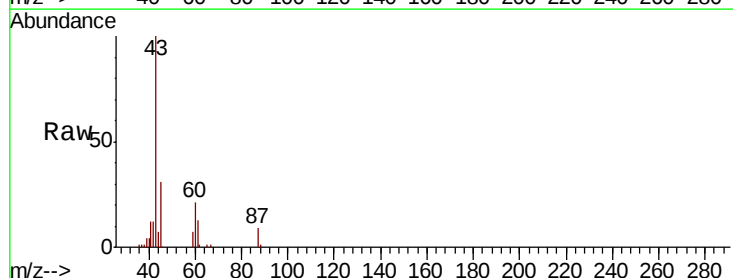
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#12

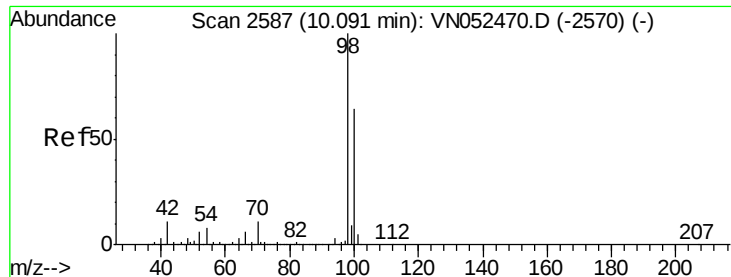
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	22.2	17.0	25.6



#43
 Isopropyl Acetate
 Concen: 5.031 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052807.D
 Acq: 11 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.5	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: VN052807.D

Acq: 11 Dec 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

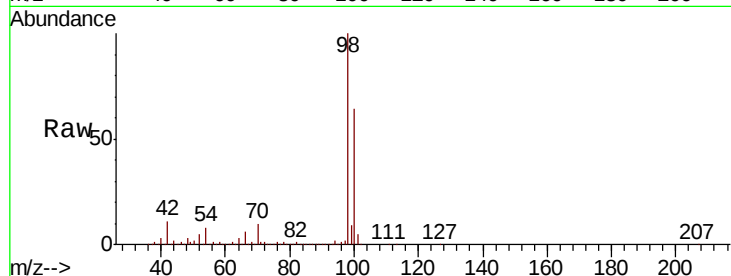
PB115504ZHE#12

Tot Ion: 98 Resp: 2278069

Ion Ratio Lower Upper

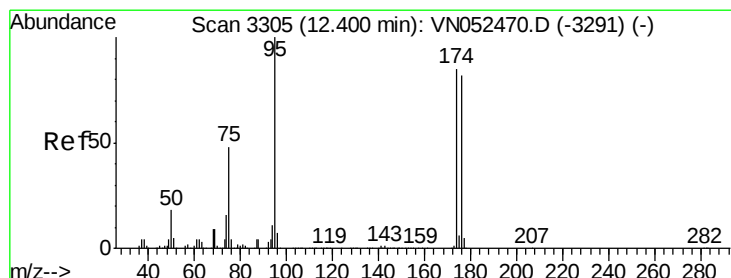
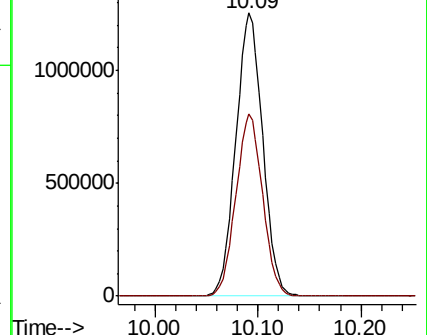
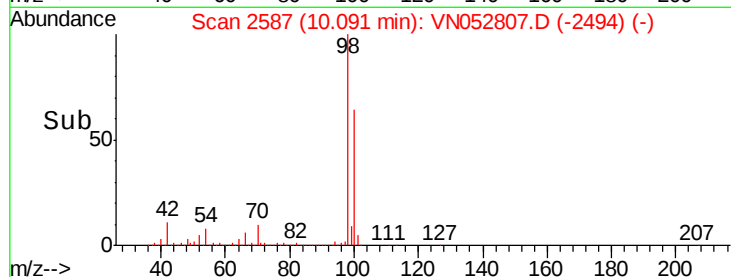
98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052807.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052807.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052807.D

Acq: 11 Dec 2018 17:29

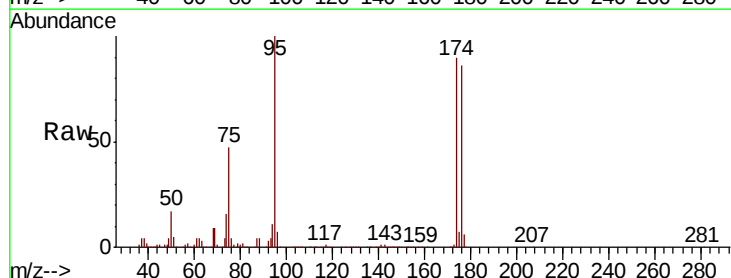
Tgt Ion: 95 Resp: 744343

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.0

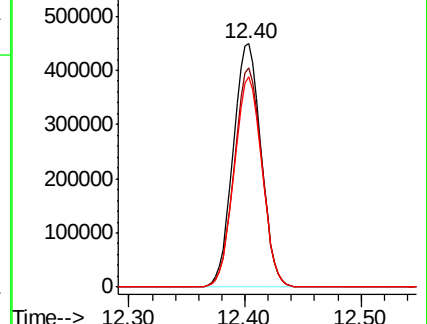
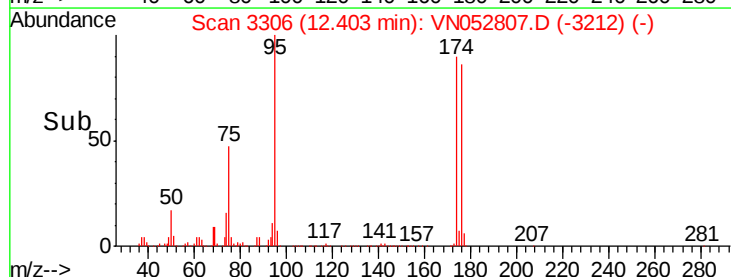
176 86.1 0.0 166.2

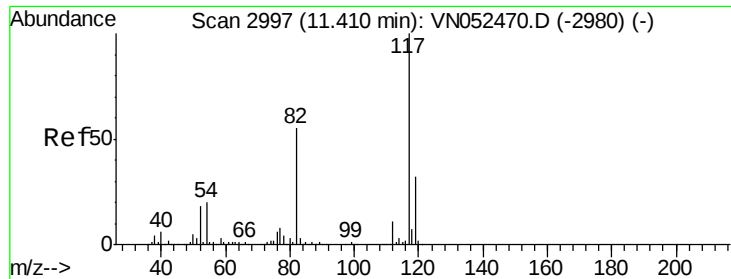


Abundance Ion 94.90 (94.60 to 95.60): VN052807.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052807.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052807.D (-3212) (-)

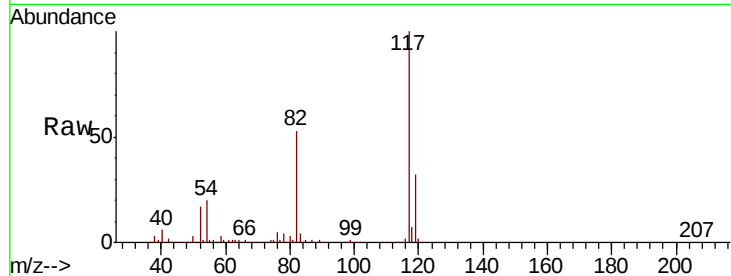




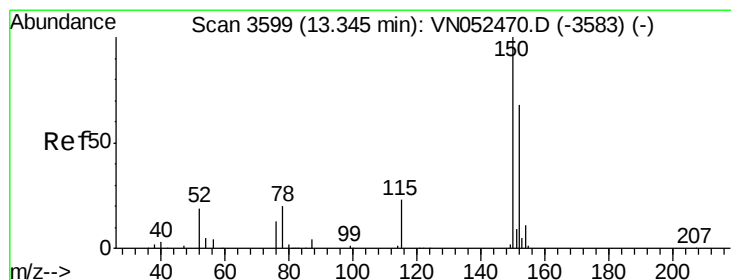
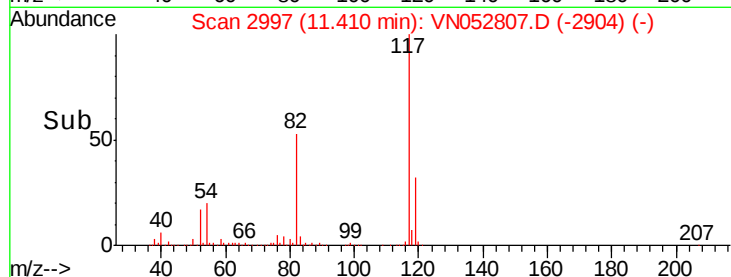
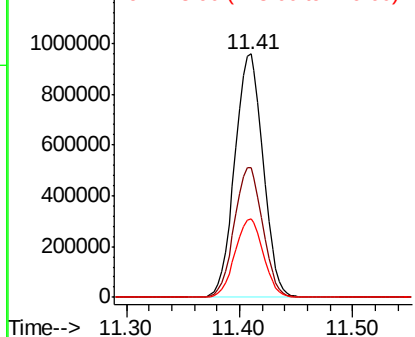
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052807.D
Acq: 11 Dec 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#12

Tot Ion:117 Resp: 1672846
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 32.4 25.4 38.2

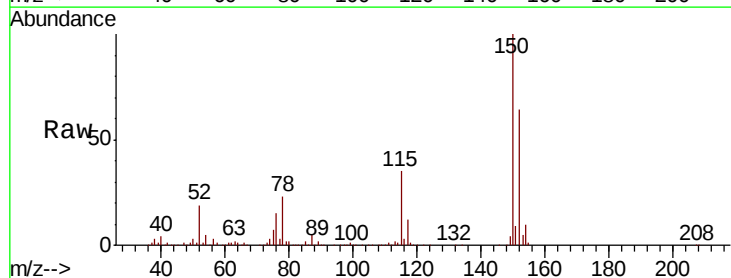


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052807.D
Acq: 11 Dec 2018 17:29

Tgt Ion:152 Resp: 691433
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 156.0 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

