

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052292.D
 Acq On : 13 Nov 2018 17:43
 Operator : MD\SY
 Sample : PB114744ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#05

Quant Time: Nov 14 02:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

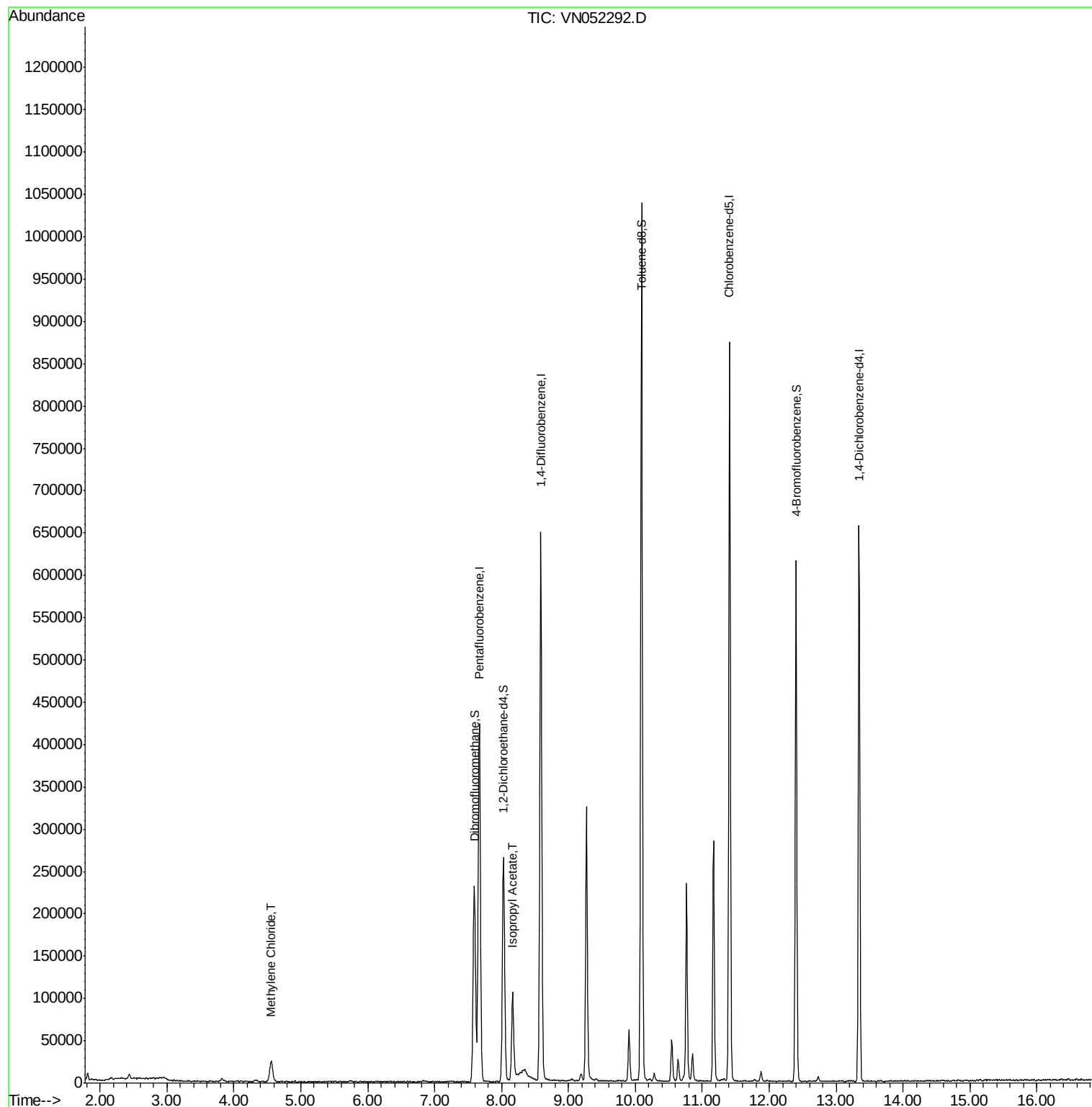
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	546260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	220700	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.59	113	173399	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.09	98	682604	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	196511	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
20) Methylene Chloride	4.56	84	17078	4.207	ug/l	95
43) Isopropyl Acetate	8.17	43	134340	18.585	ug/l	96

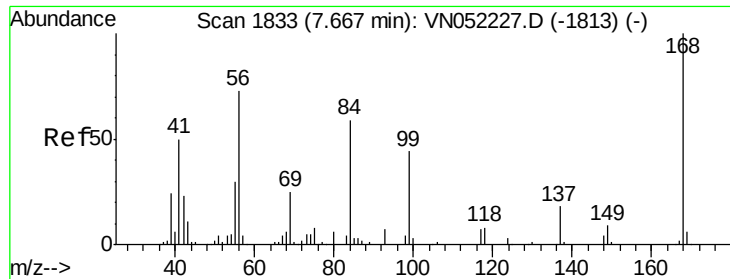
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052292.D

Acq: 13 Nov 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

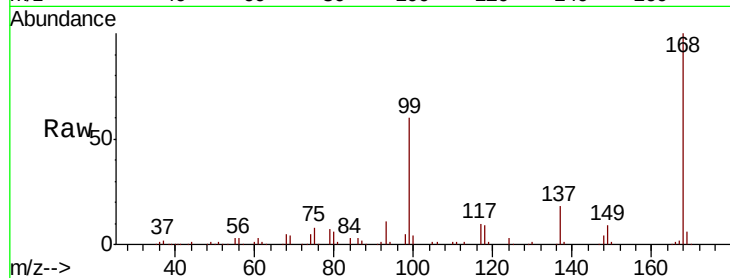
PB114744ZHE#05

Tot Ion:168 Resp: 325588

Ion Ratio Lower Upper

168 100

99 60.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

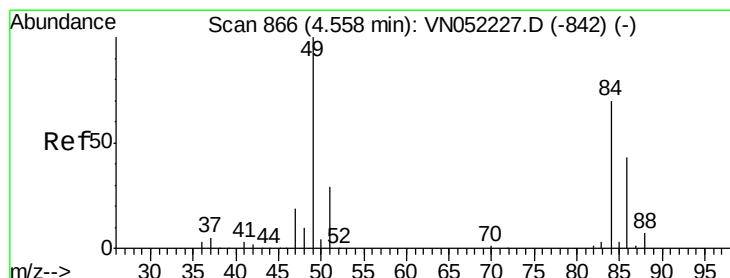
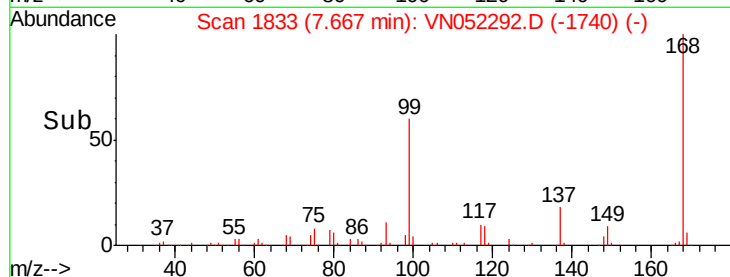
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.207 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.00 min

Lab File: VN052292.D

Acq: 13 Nov 2018 17:43

Tgt Ion: 84 Resp: 17078

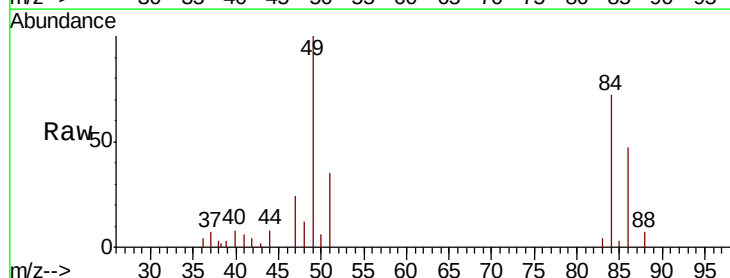
Ion Ratio Lower Upper

84 100

49 139.6 114.8 172.2

51 48.7 33.1 49.7

86 65.8 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

10000

8000

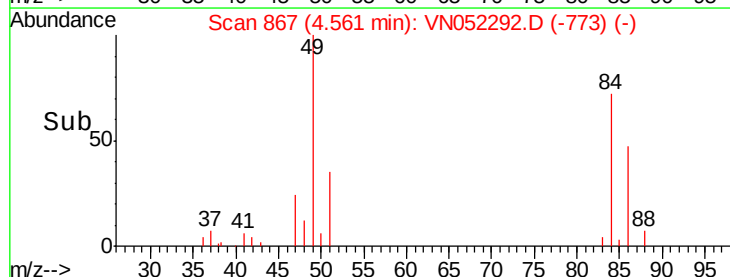
6000

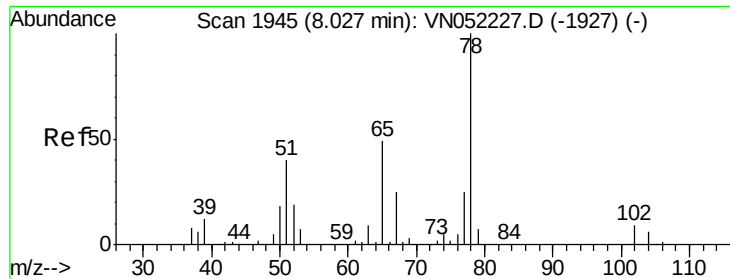
4000

2000

0

Time-->

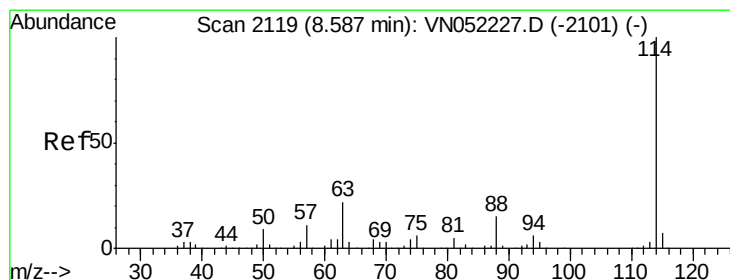
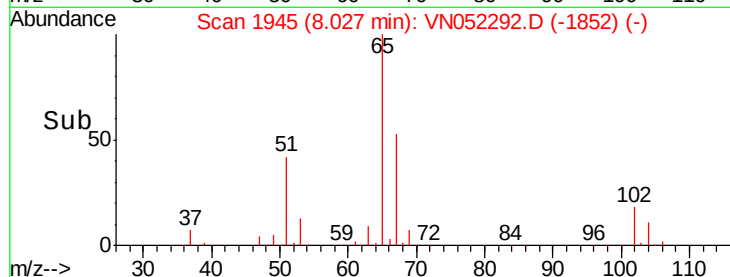
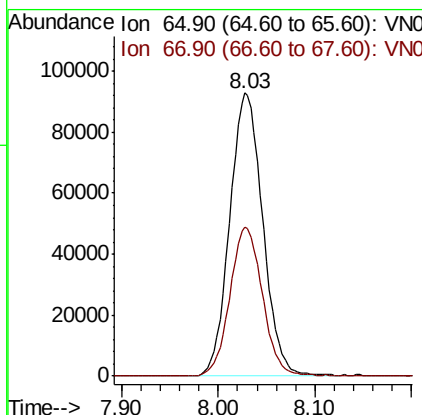
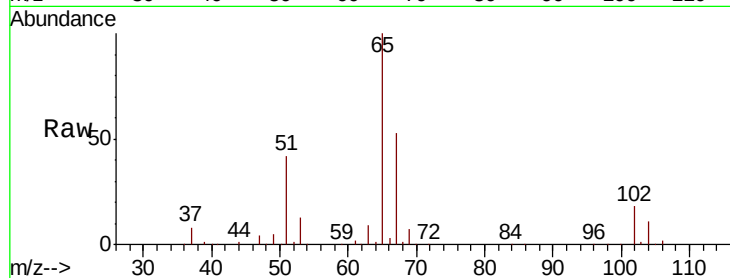




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052292.D
 Acq: 13 Nov 2018 17:43

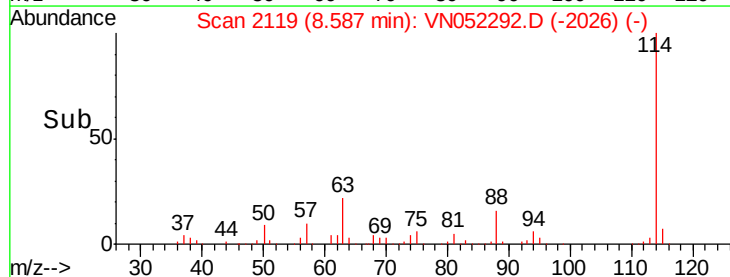
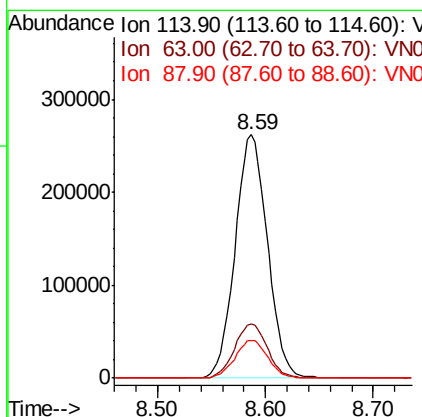
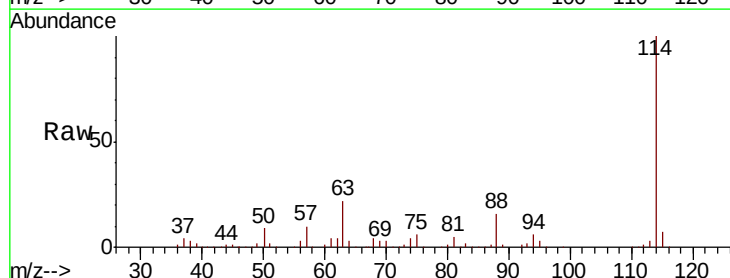
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#05

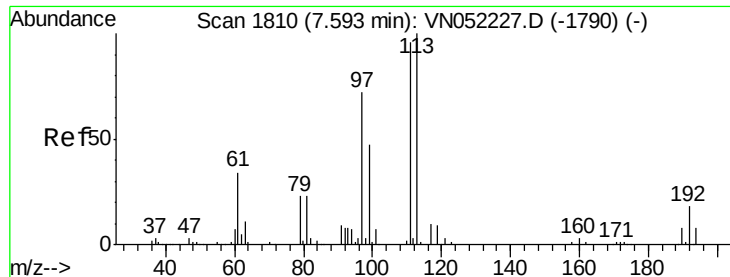
Tot Ion: 65 Resp: 220700
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052292.D
 Acq: 13 Nov 2018 17:43

Tgt Ion: 114 Resp: 546260
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 15.6 0.0 30.2

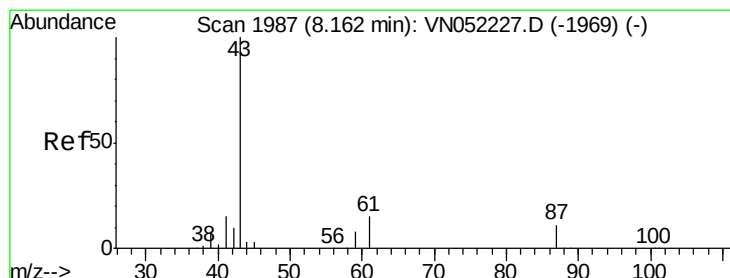
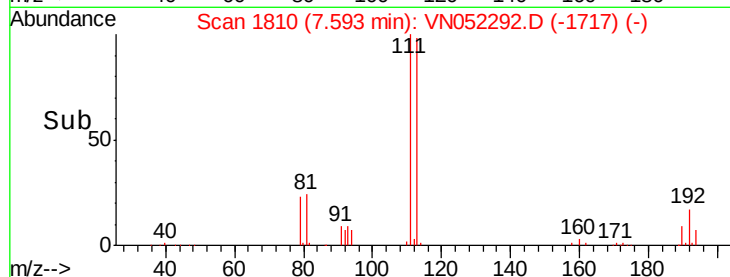
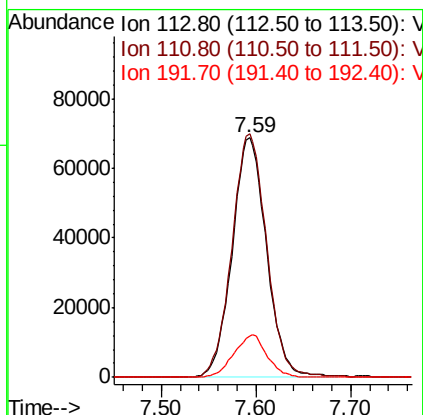
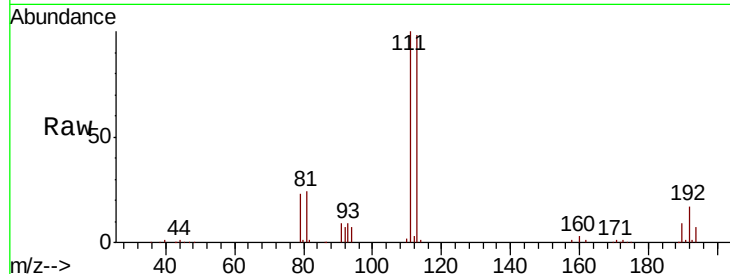




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052292.D
 Acq: 13 Nov 2018 17:43

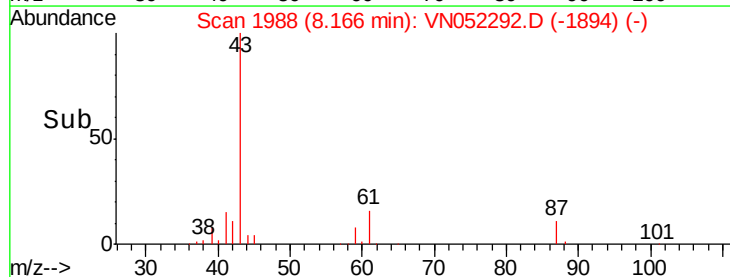
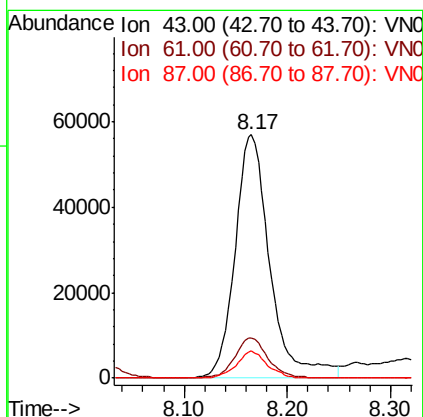
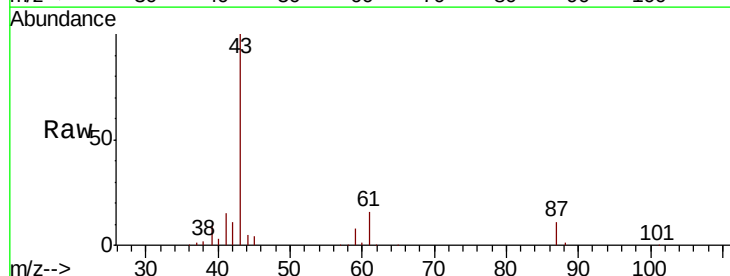
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#05

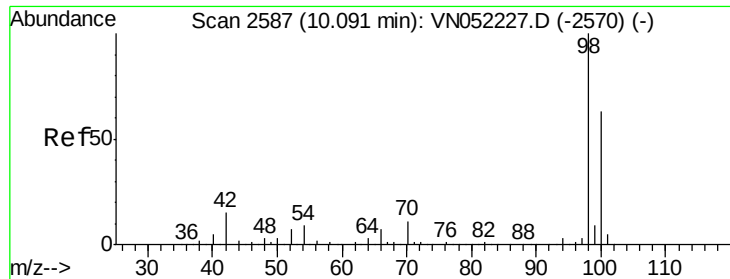
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.2	120.4
192	17.1	14.1	21.1



#43
 Isopropyl Acetate
 Concen: 18.585 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052292.D
 Acq: 13 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	14.2	21.4
87	9.8	8.4	12.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052292.D

Acq: 13 Nov 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

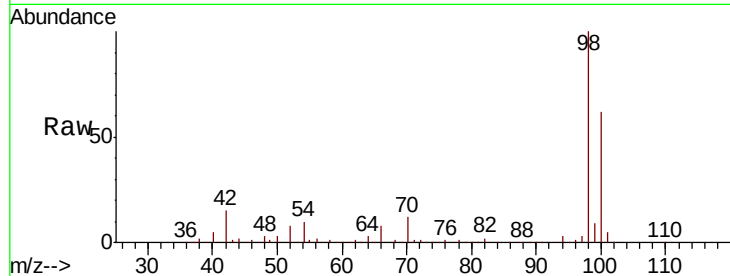
PB114744ZHE#05

Tot Ion: 98 Resp: 682604

Ion Ratio Lower Upper

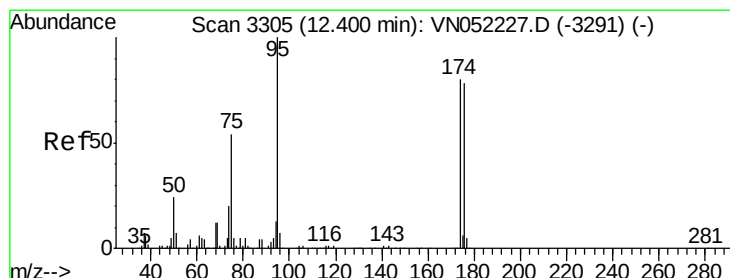
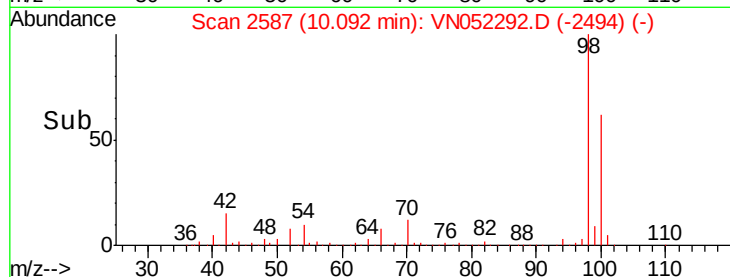
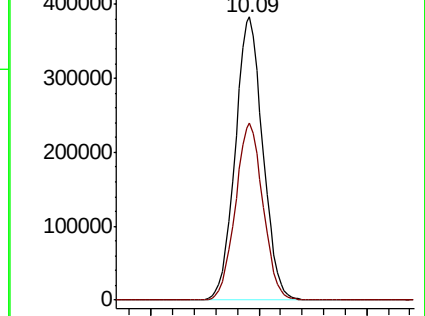
98 100

100 62.6 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052292.D

Acq: 13 Nov 2018 17:43

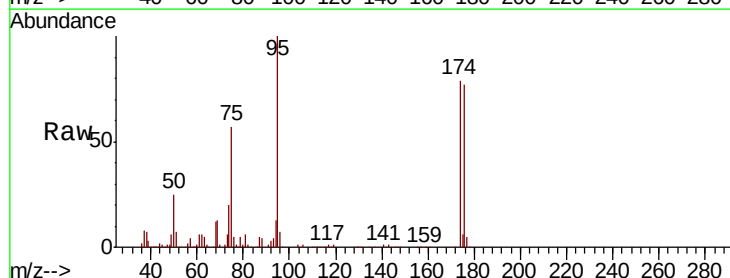
Tgt Ion: 95 Resp: 196511

Ion Ratio Lower Upper

95 100

174 77.5 0.0 159.4

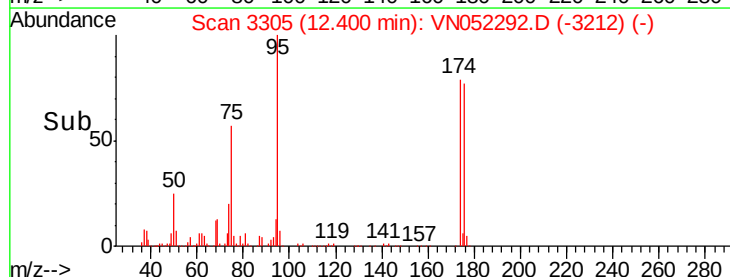
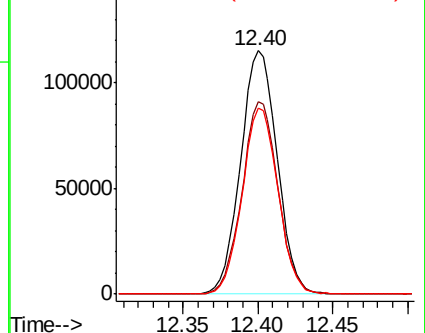
176 74.5 0.0 157.8

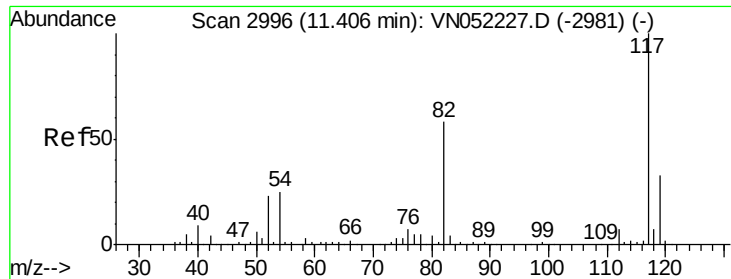


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

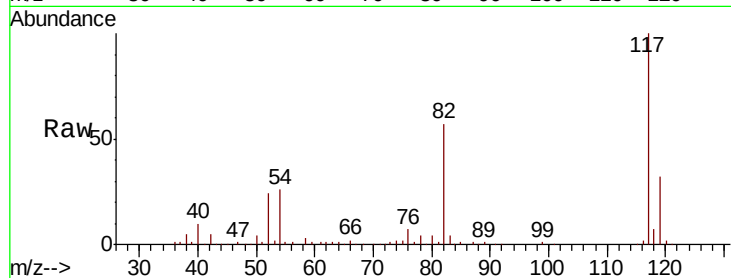




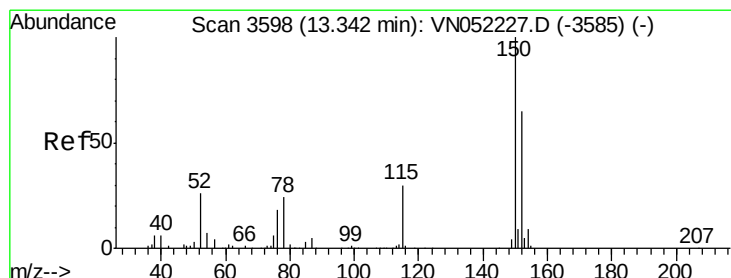
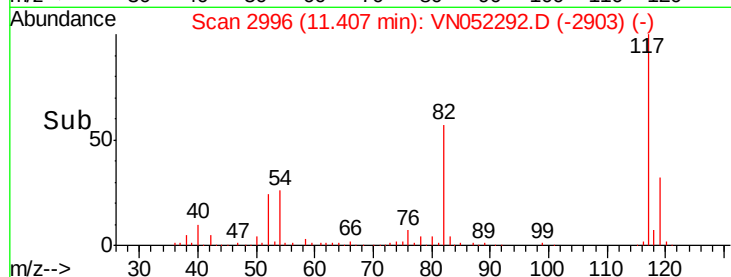
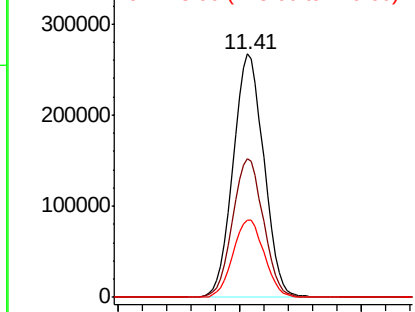
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052292.D
Acq: 13 Nov 2018 17:43

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#05

Tot Ion:117 Resp: 466219
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.2
119 31.9 26.2 39.4

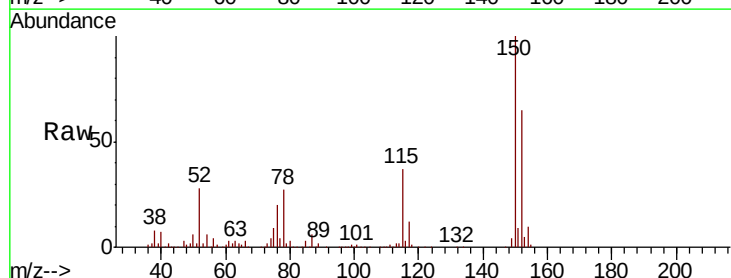


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052292.D
Acq: 13 Nov 2018 17:43

Tgt Ion:152 Resp: 158269
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.5
150 159.0 0.0 350.2



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

