

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052154.D
 Acq On : 5 Nov 2018 18:33
 Operator : MD\SY
 Sample : PB114485TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114485TB

Quant Time: Nov 06 05:58:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

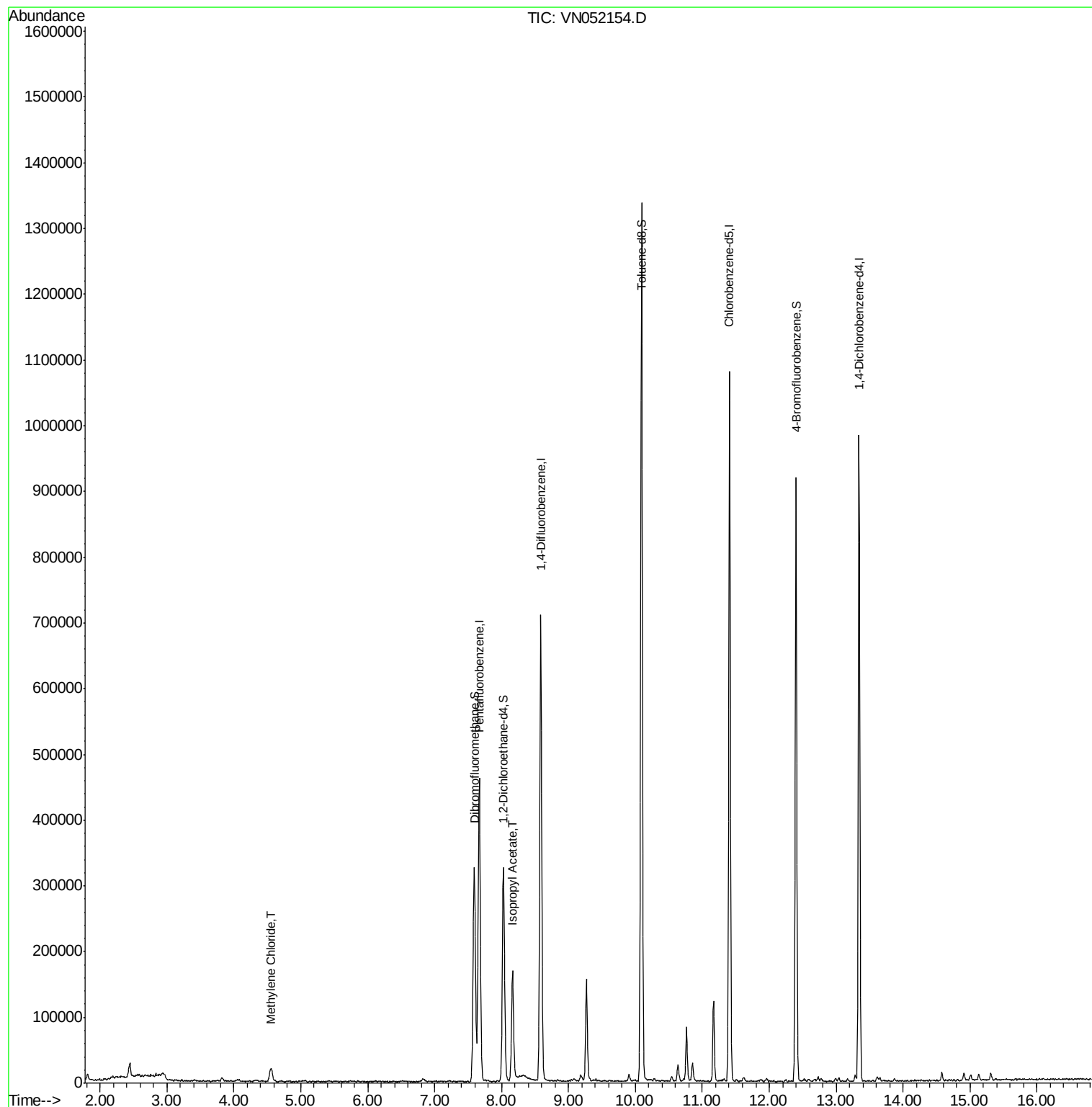
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	359911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	644636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	254635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	265241	62.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.30%	
35) Dibromofluoromethane	7.59	113	237992	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
50) Toluene-d8	10.09	98	944130	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
62) 4-Bromofluorobenzene	12.40	95	314905	62.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.00%	
Target Compounds						
20) Methylene Chloride	4.55	84	14498	3.609	ug/l	95
43) Isopropyl Acetate	8.16	43	203398	31.260	ug/l #	89

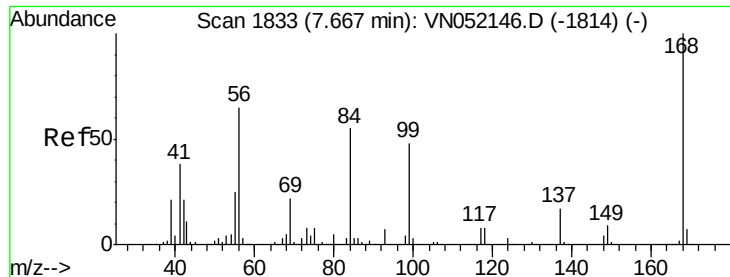
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052154.D

Acq: 5 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

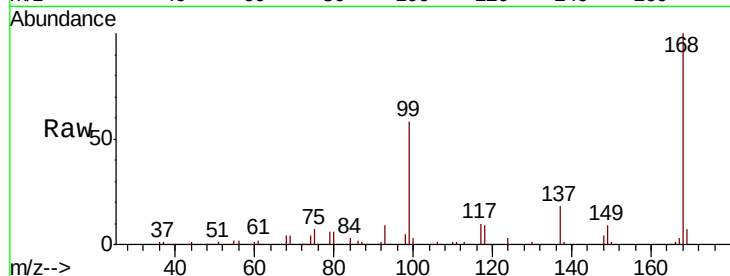
PB114485TB

Tot Ion:168 Resp: 359911

Ion Ratio Lower Upper

168 100

99 58.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

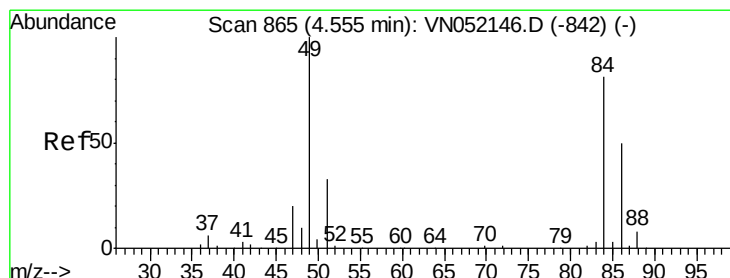
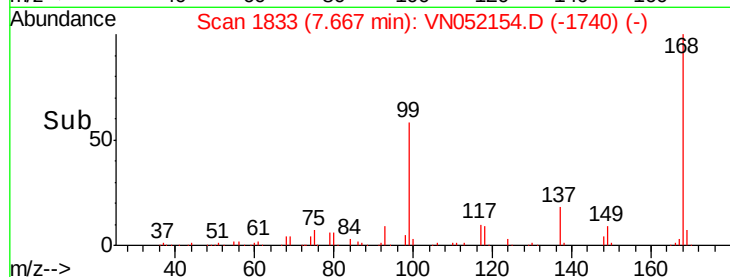
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 3.609 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN052154.D

Acq: 5 Nov 2018 18:33

Tgt Ion: 84 Resp: 14498

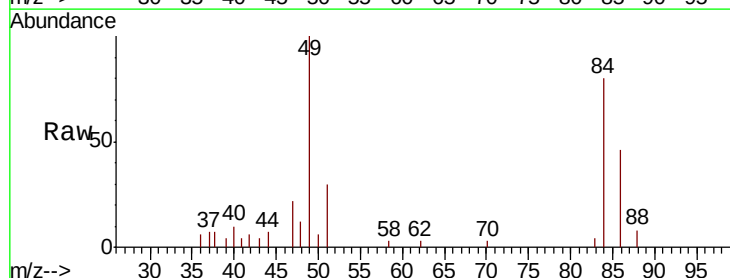
Ion Ratio Lower Upper

84 100

49 120.2 98.4 147.6

51 33.5 32.5 48.7

86 57.2 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

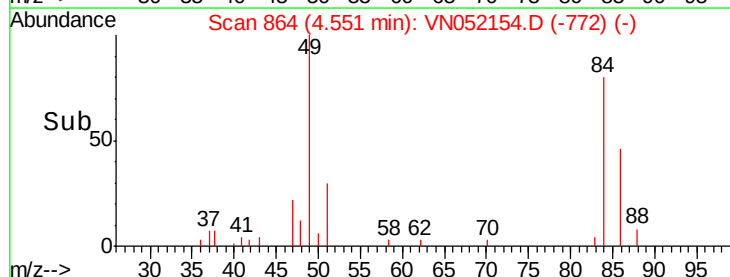
6000

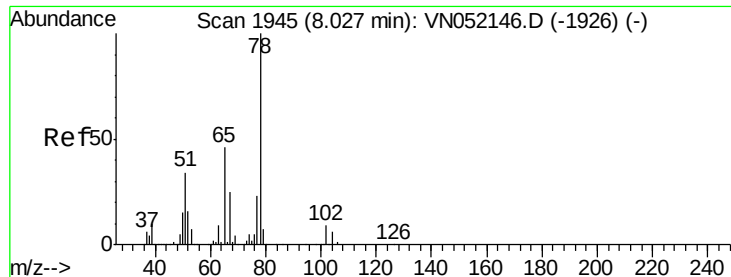
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

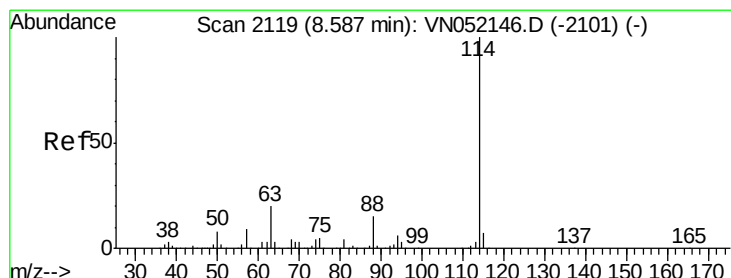
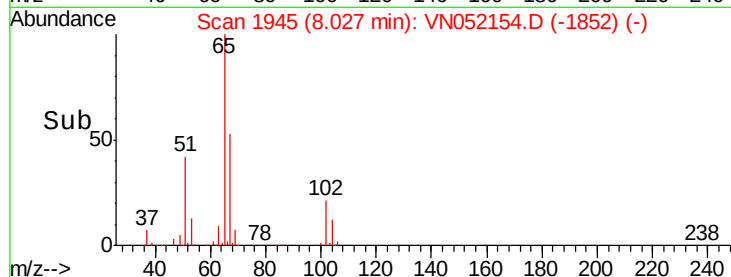
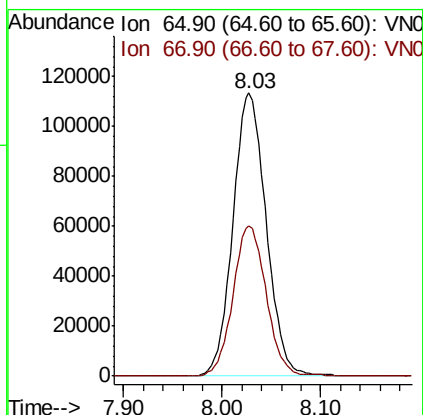
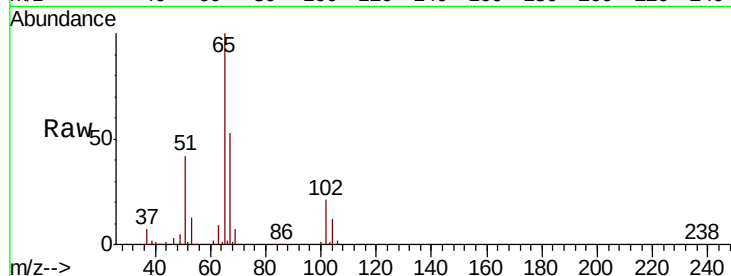




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052154.D
 Acq: 5 Nov 2018 18:33

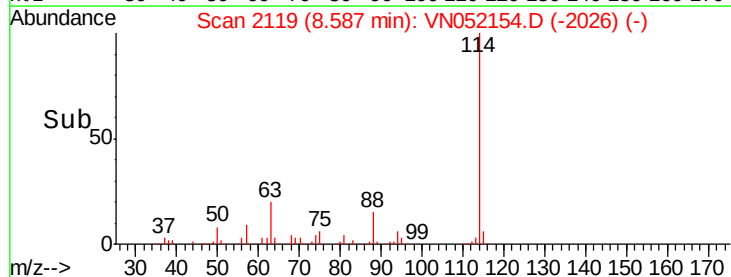
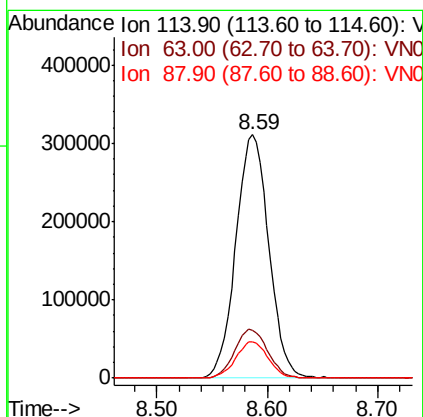
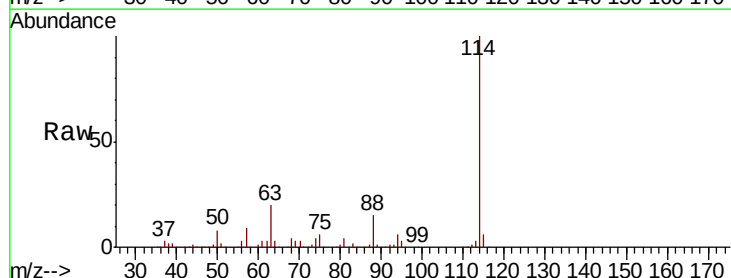
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114485TB

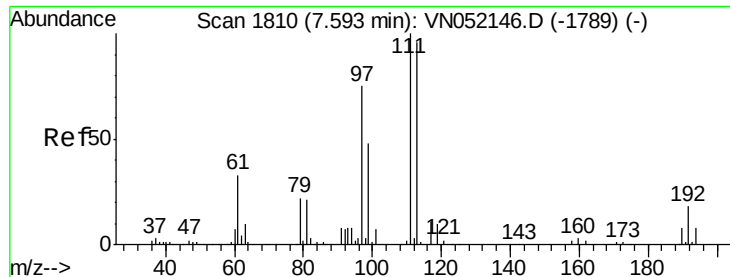
Tot Ion: 65 Resp: 265241
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052154.D
 Acq: 5 Nov 2018 18:33

Tgt Ion: 114 Resp: 644636
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052154.D

Acq: 5 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

PB114485TB

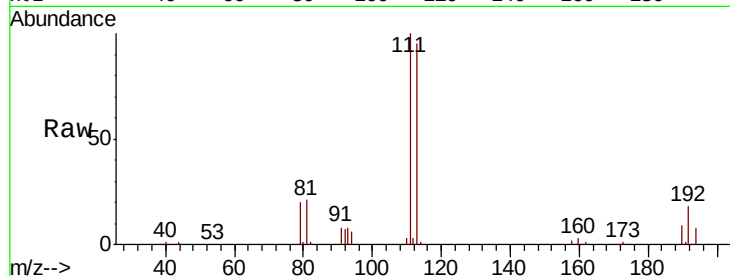
Tot Ion:113 Resp: 237992

Ion Ratio Lower Upper

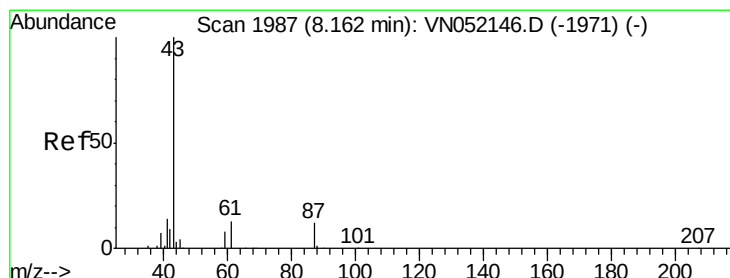
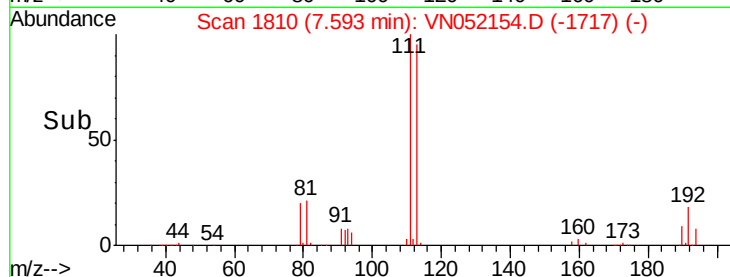
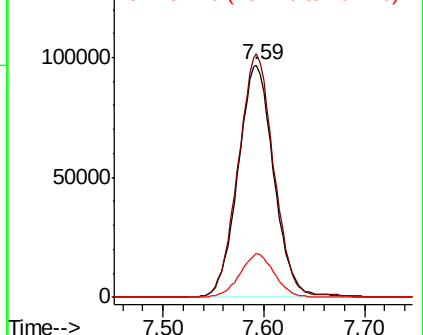
113 100

111 104.9 81.7 122.5

192 18.1 14.2 21.4



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: 31.260 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052154.D

Acq: 5 Nov 2018 18:33

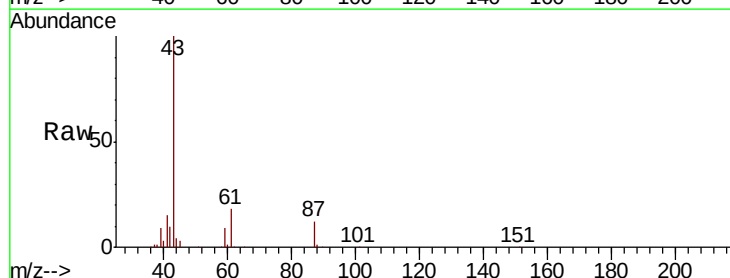
Tgt Ion: 43 Resp: 203398

Ion Ratio Lower Upper

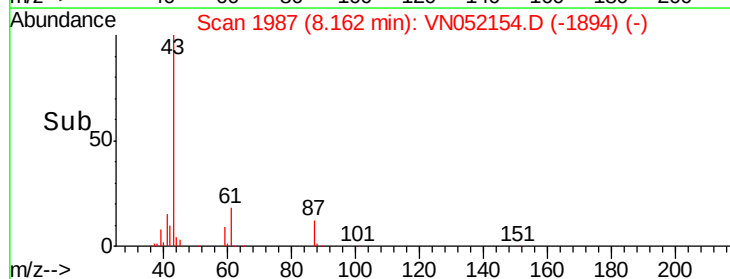
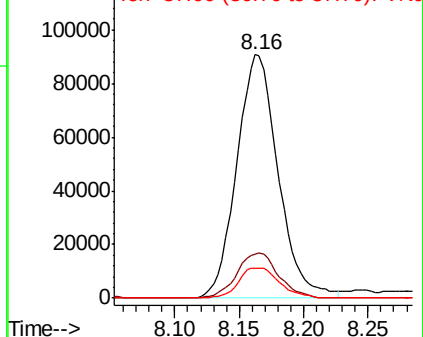
43 100

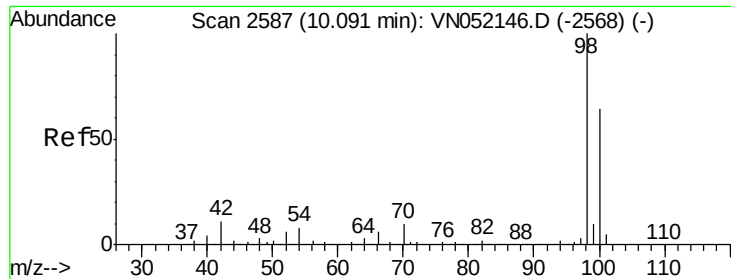
61 18.8 21.5 32.3#

87 12.3 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052154.D

Acq: 5 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

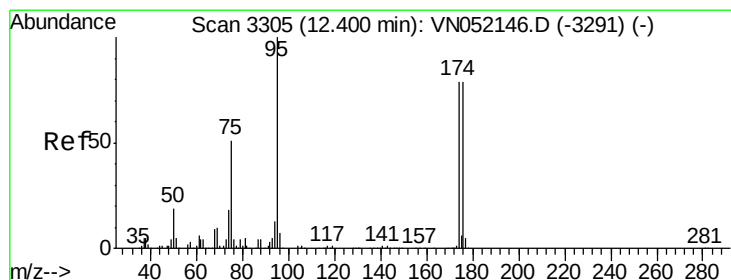
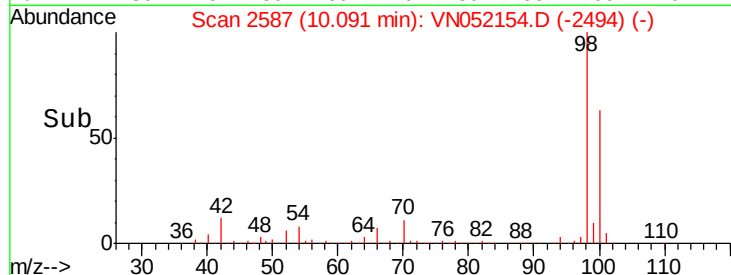
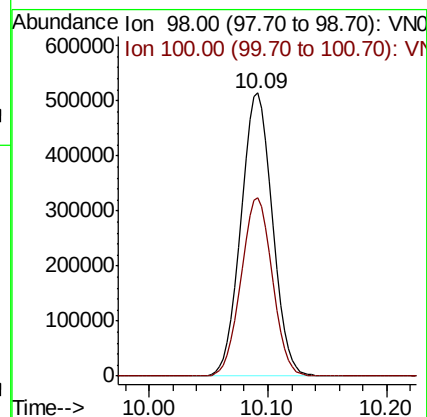
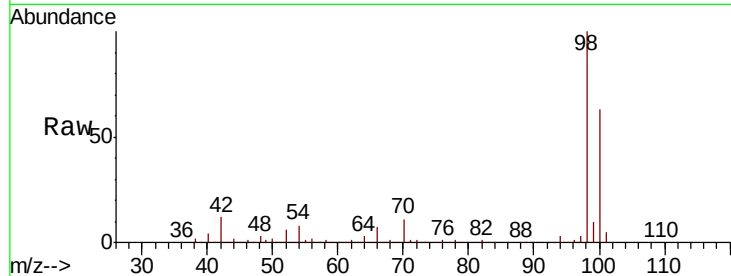
PB114485TB

Tot Ion: 98 Resp: 944130

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052154.D

Acq: 5 Nov 2018 18:33

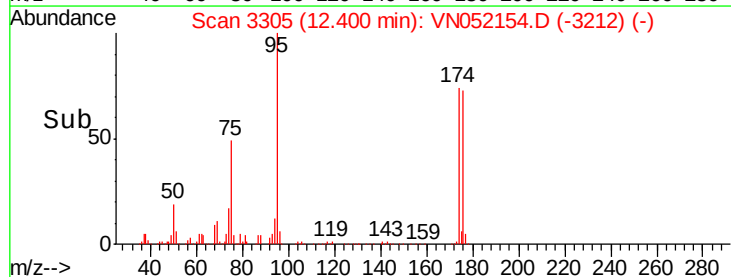
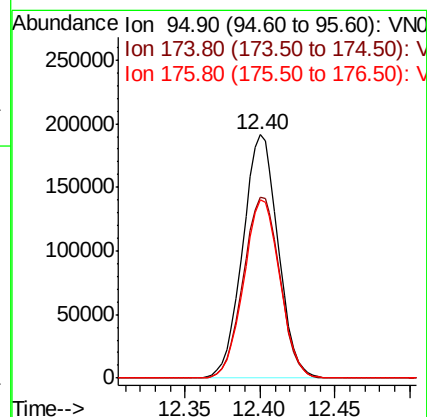
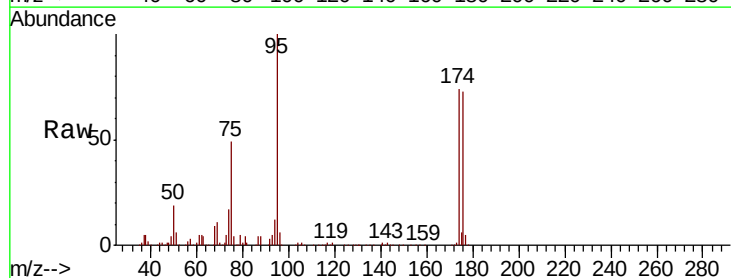
Tgt Ion: 95 Resp: 314905

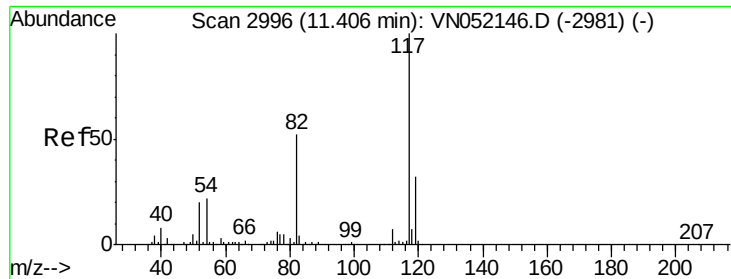
Ion Ratio Lower Upper

95 100

174 76.8 0.0 162.6

176 74.7 0.0 155.4

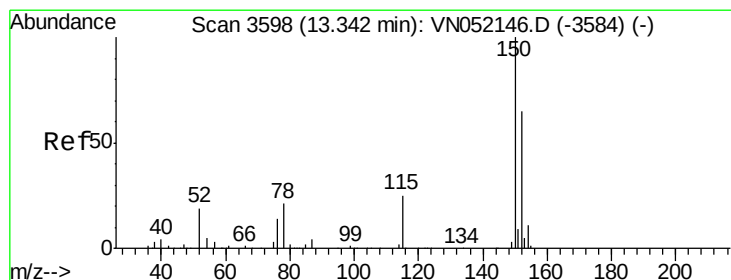
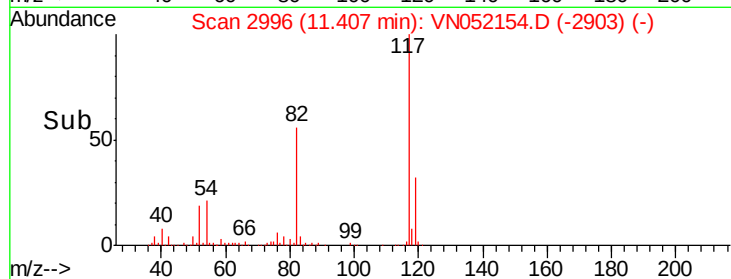
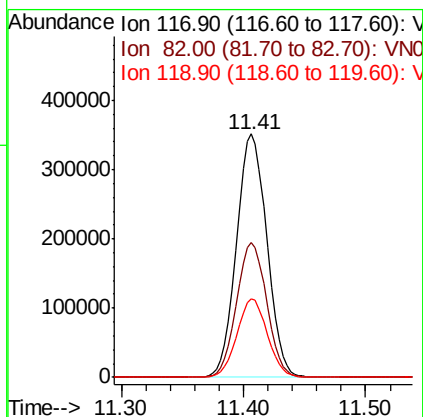
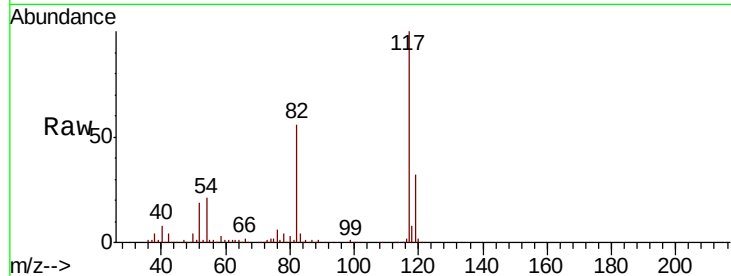




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052154.D
Acq: 5 Nov 2018 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB114485TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.9	62.9
119	32.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052154.D
Acq: 5 Nov 2018 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.5	85.5
150	154.6	0.0	348.6

