

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052076.D
 Acq On : 31 Oct 2018 16:18
 Operator : MD\SY
 Sample : PB114328ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#06

Quant Time: Nov 01 02:04:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	545963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	250383	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	206713	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
50) Toluene-d8	10.09	98	815134	59.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.42%	
62) 4-Bromofluorobenzene	12.40	95	273276	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	

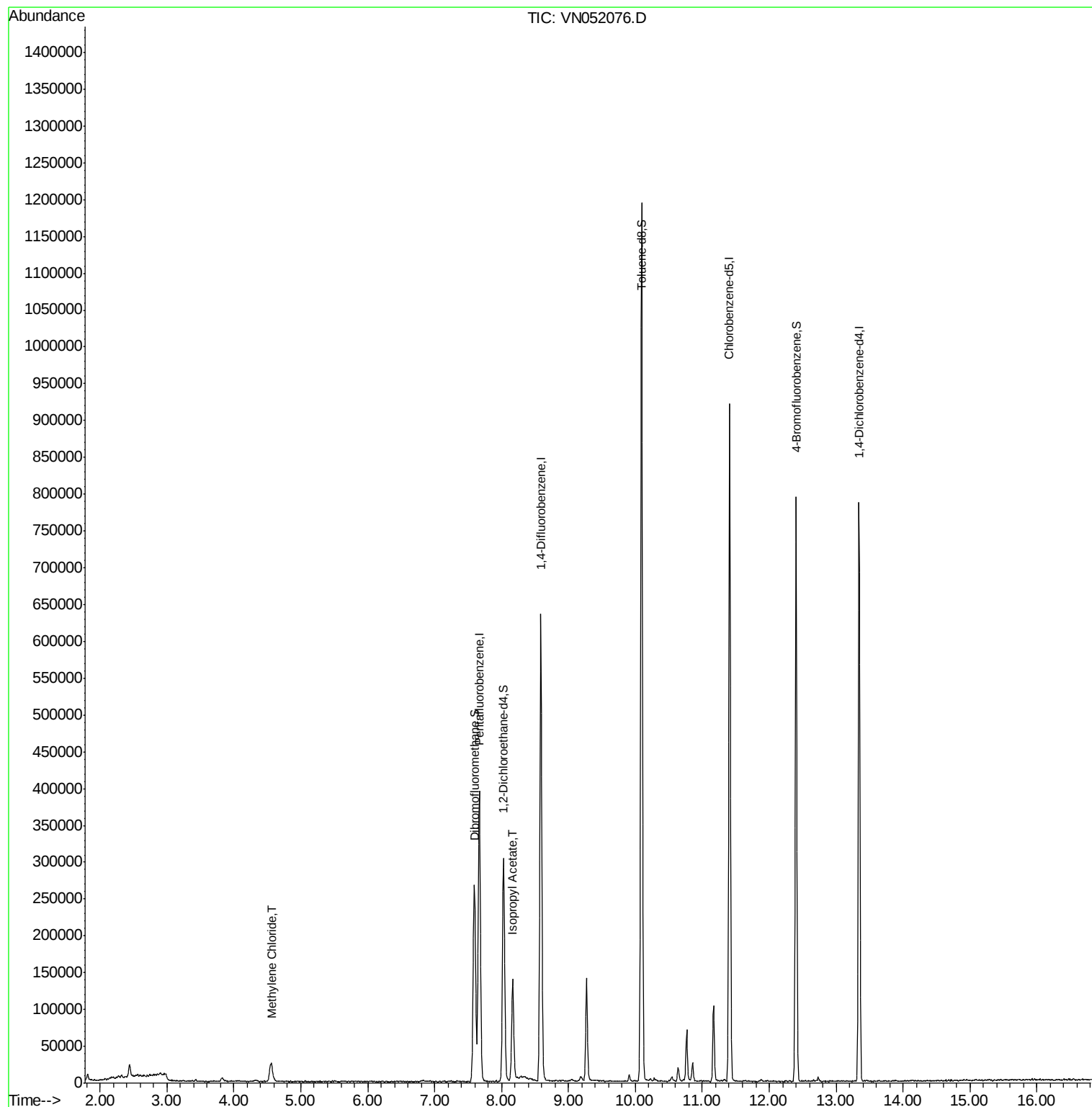
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	18009	4.67	ug/l	# 81
43) Isopropyl Acetate	8.17	43	167458	25.34	ug/l	100

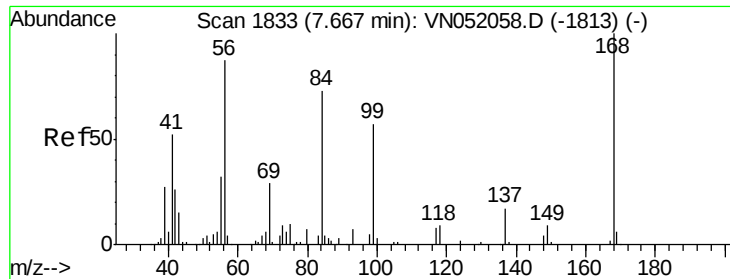
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052076.D
Acq On : 31 Oct 2018 16:18
Operator : MD\SY
Sample : PB114328ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#06

Quant Time: Nov 01 02:04:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

Instrument :

MSVOA_N

ClientSampleId :

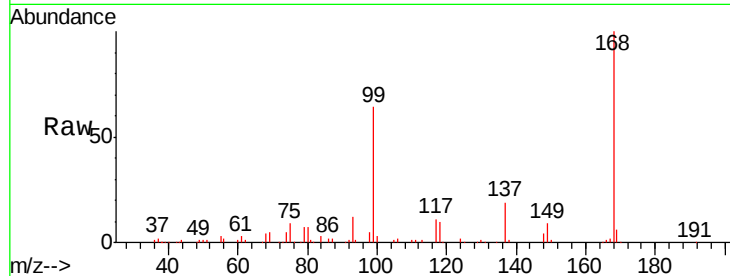
PB114328ZHE#06

Tgt Ion:168 Resp: 295238

Ion Ratio Lower Upper

168 100

99 63.6 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

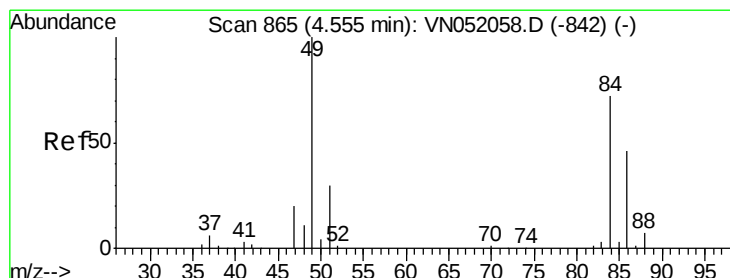
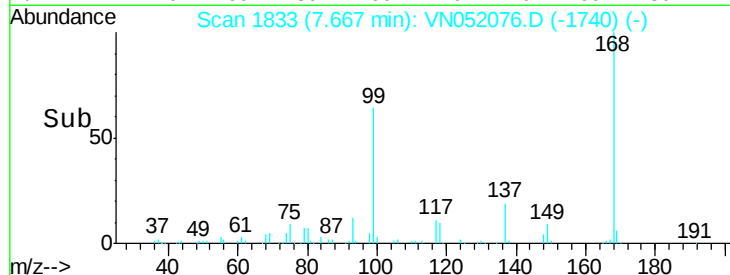
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 4.67 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

Tgt Ion: 84 Resp: 18009

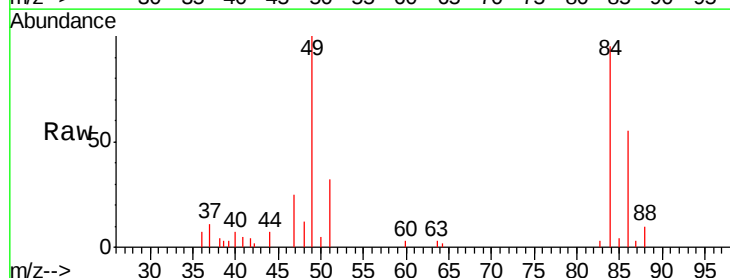
Ion Ratio Lower Upper

84 100

49 105.4 110.6 165.8#

51 33.7 33.7 50.5#

86 58.0 50.5 75.7



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

4.56

10000

8000

6000

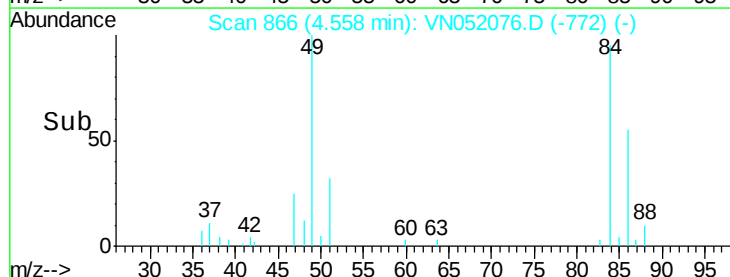
4000

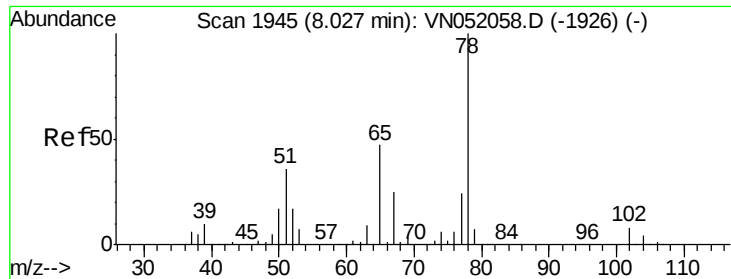
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->

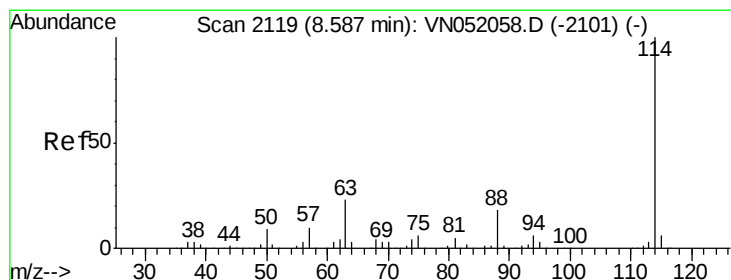
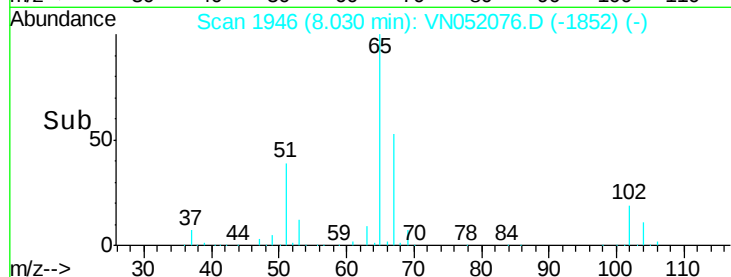
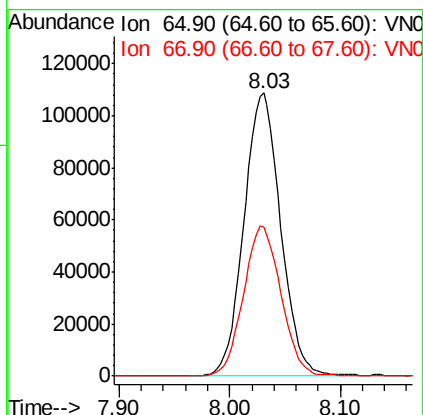
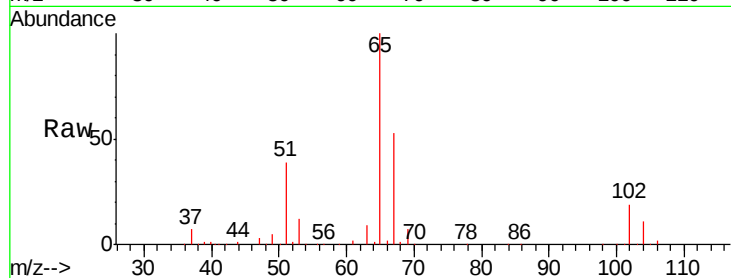




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052076.D
 Acq: 31 Oct 2018 16:18

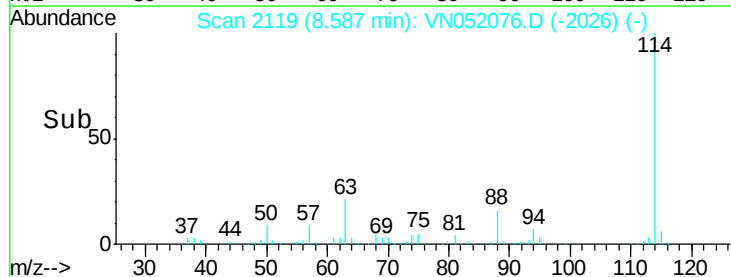
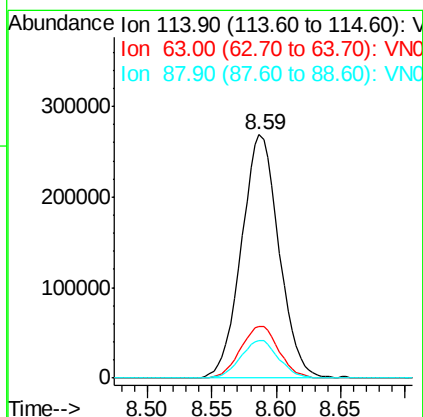
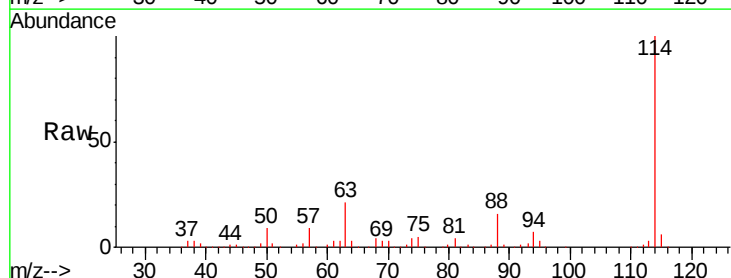
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#06

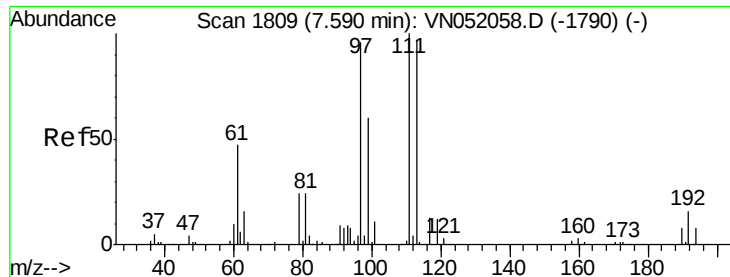
Tgt Ion: 65 Resp: 250383
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052076.D
 Acq: 31 Oct 2018 16:18

Tgt Ion: 114 Resp: 545963
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 46.0
 88 15.6 0.0 35.4

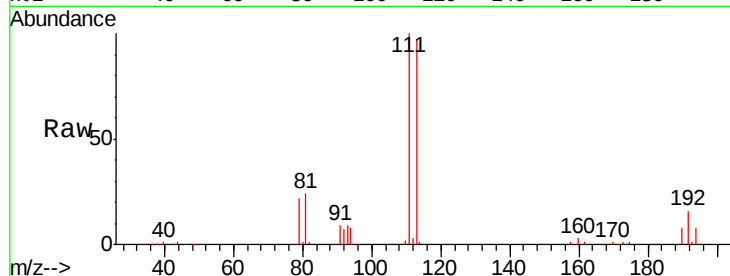




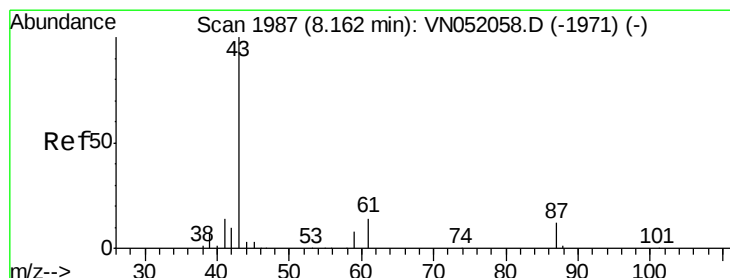
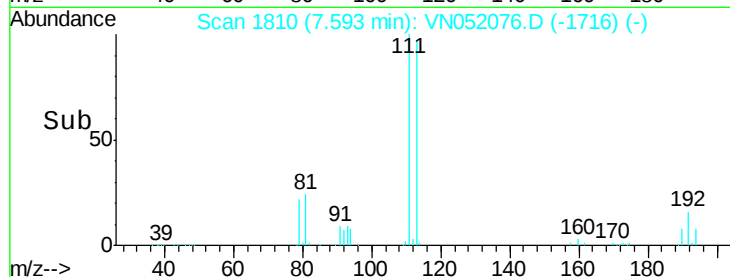
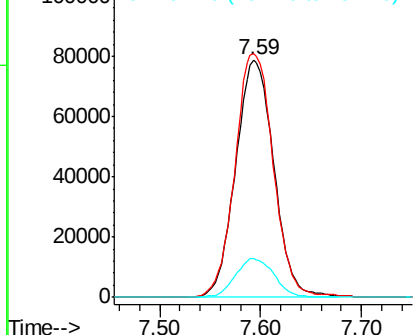
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052076.D
 Acq: 31 Oct 2018 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#06

Tgt Ion: 113 Resp: 206713
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 16.6 12.7 19.1

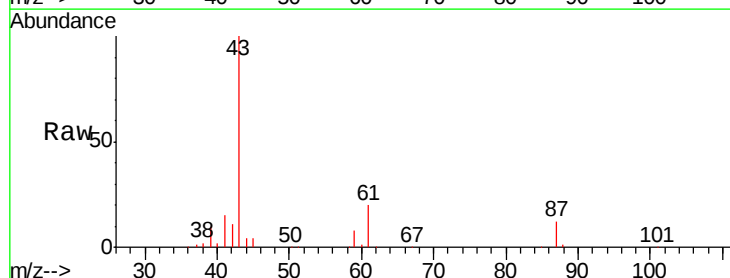


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

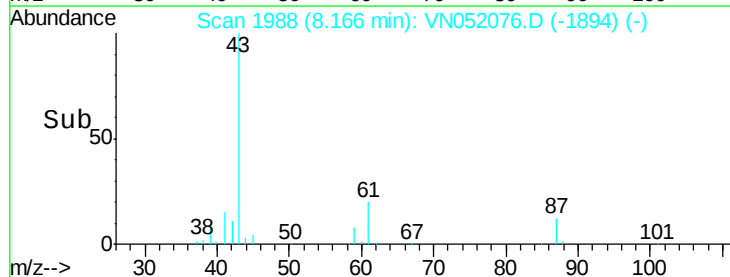
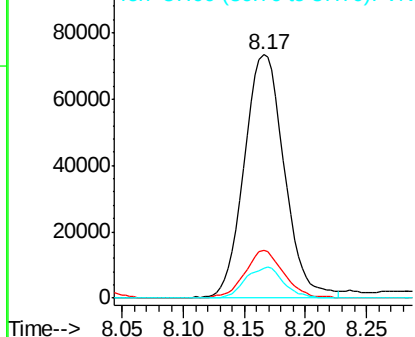


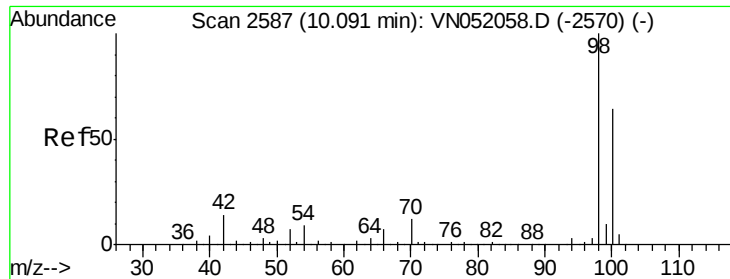
#43
 Isopropyl Acetate
 Concen: 25.34 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052076.D
 Acq: 31 Oct 2018 16:18

Tgt Ion: 43 Resp: 167458
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.4 23.0
 87 12.0 9.8 14.8



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

Instrument :

MSVOA_N

ClientSampleId :

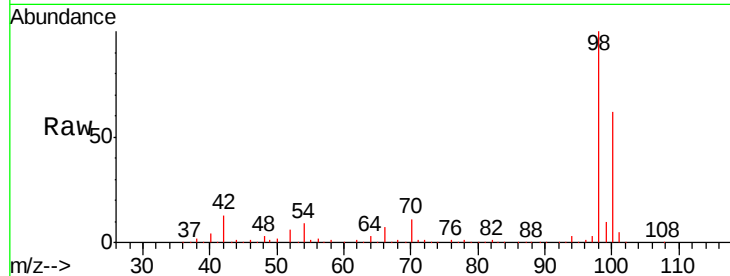
PB114328ZHE#06

Tgt Ion: 98 Resp: 815134

Ion Ratio Lower Upper

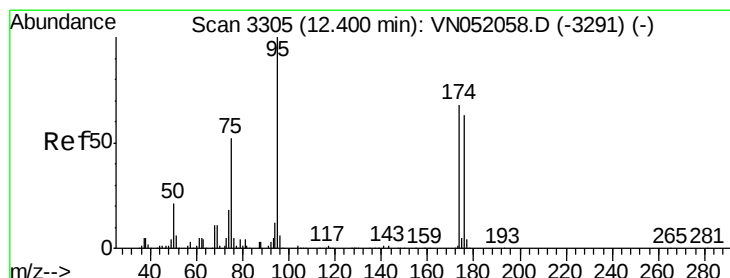
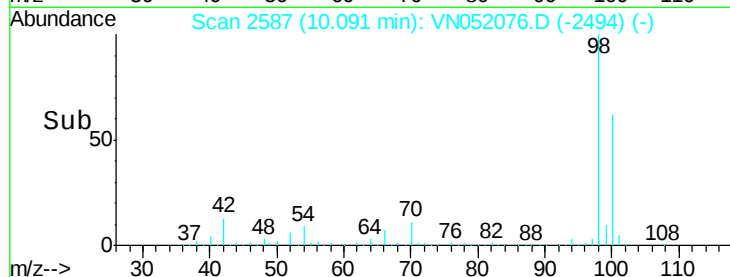
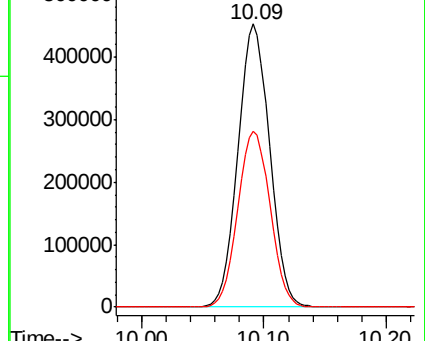
98 100

100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052058.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052058.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

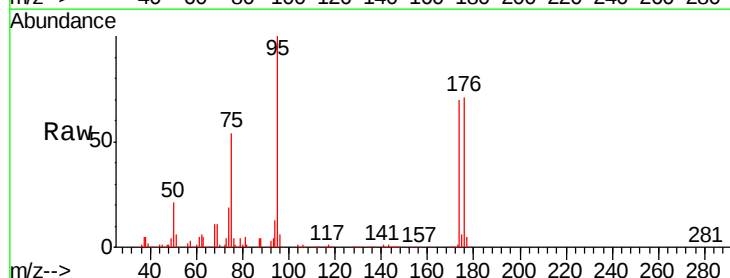
Tgt Ion: 95 Resp: 273276

Ion Ratio Lower Upper

95 100

174 70.3 0.0 131.8

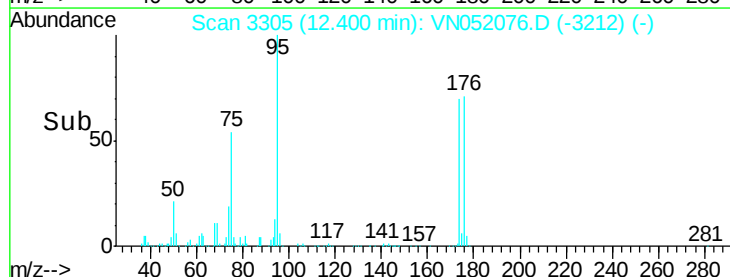
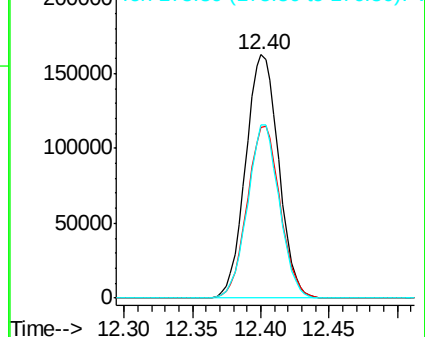
176 68.5 0.0 126.0

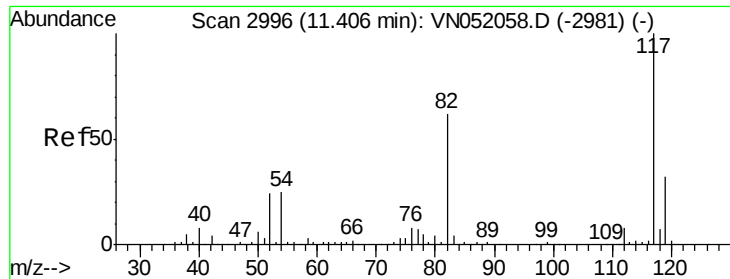


Abundance Ion 94.90 (94.60 to 95.60): VN052058.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052058.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#06

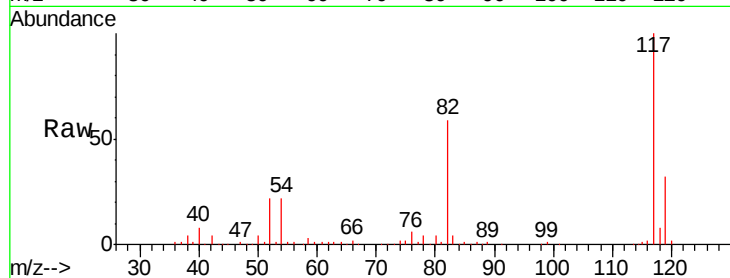
Tgt Ion:117 Resp: 508793

Ion Ratio Lower Upper

117 100

82 58.9 49.9 74.9

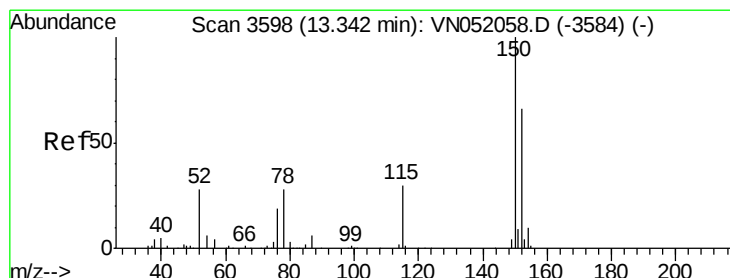
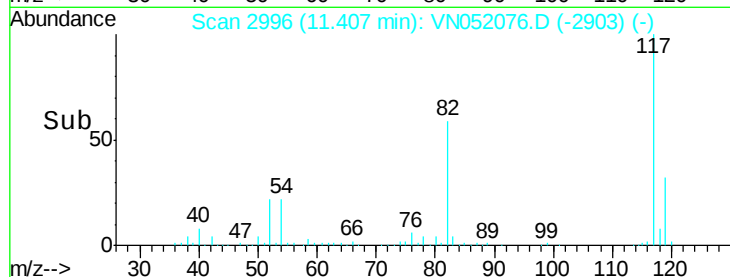
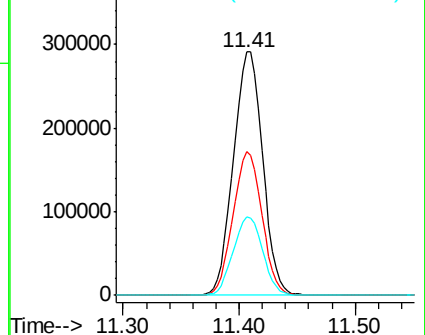
119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052076.D

Acq: 31 Oct 2018 16:18

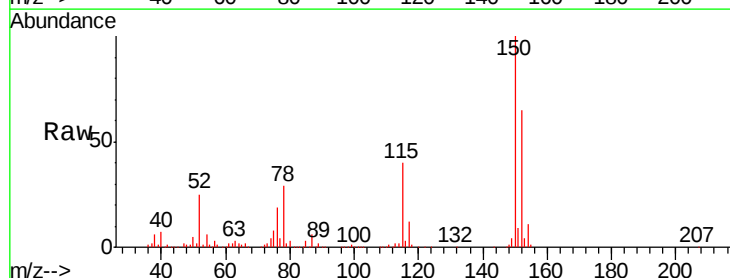
Tgt Ion:152 Resp: 196011

Ion Ratio Lower Upper

152 100

115 62.2 31.6 95.0

150 155.8 0.0 345.0



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

