

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052385.D
 Acq On : 19 Nov 2018 15:20
 Operator : MD\SY
 Sample : PB114846ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#01

Quant Time: Nov 20 07:39:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	281397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	467954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	400791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	205558	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	158247	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.09	98	595030	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	176198	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

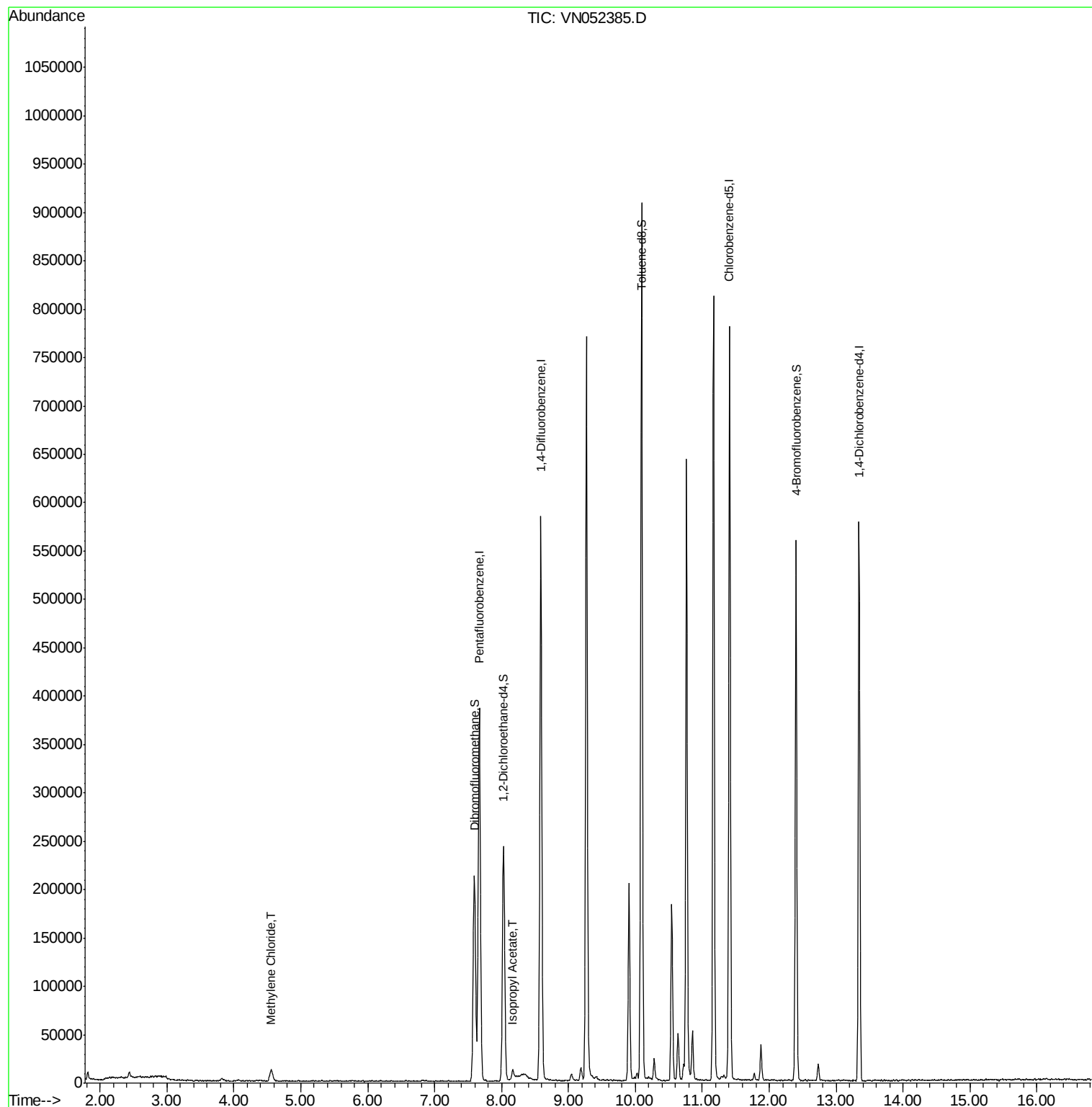
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	7292	1.51	ug/l	# 86
43) Isopropyl Acetate	8.17	43	15728	2.39	ug/l	95

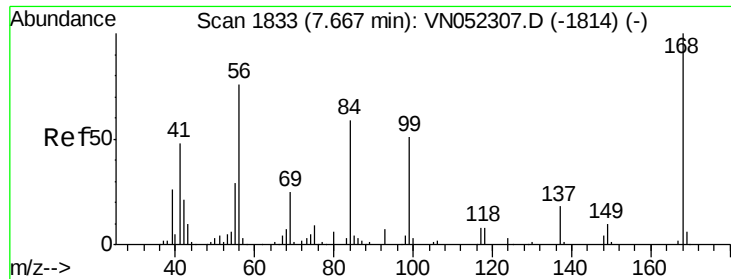
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052385.D

Acq: 19 Nov 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

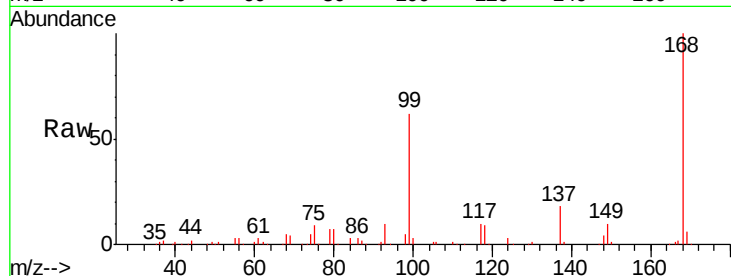
PB114846ZHE#01

Tgt Ion:168 Resp: 281397

Ion Ratio Lower Upper

168 100

99 61.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

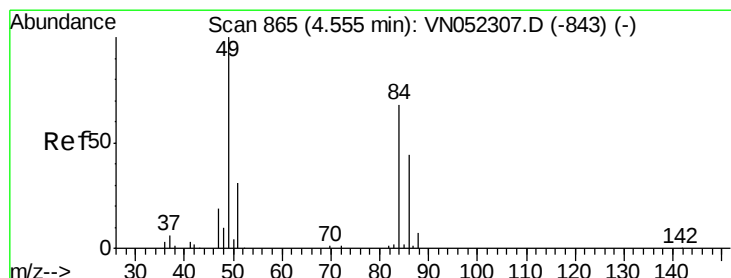
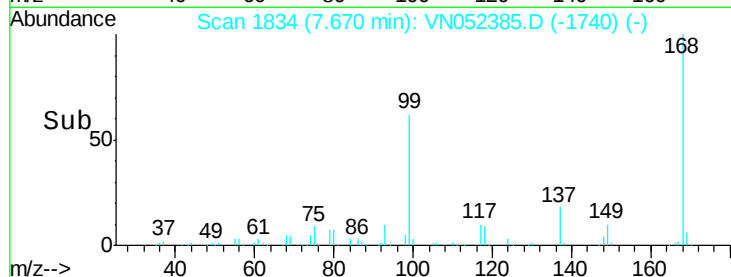
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 1.51 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.01 min

Lab File: VN052385.D

Acq: 19 Nov 2018 15:20

Tgt Ion: 84 Resp: 7292

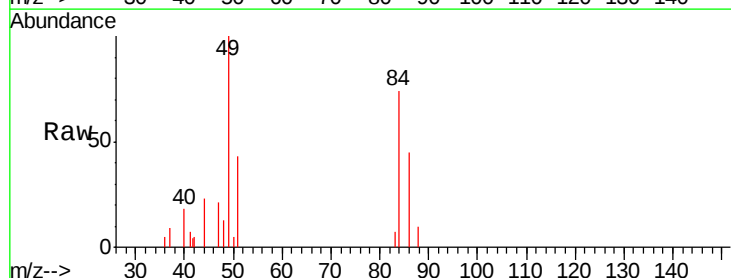
Ion Ratio Lower Upper

84 100

49 127.0 118.2 177.2

51 58.0 36.1 54.1#

86 60.9 51.6 77.4



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

4.56

5000

4000

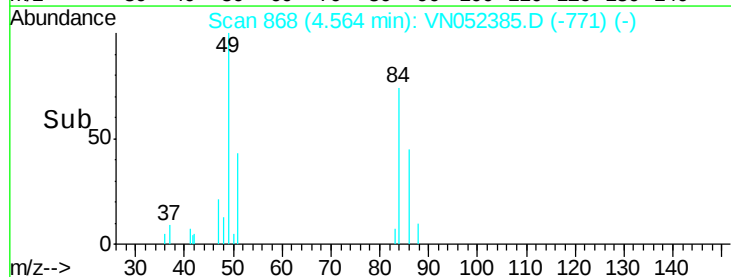
3000

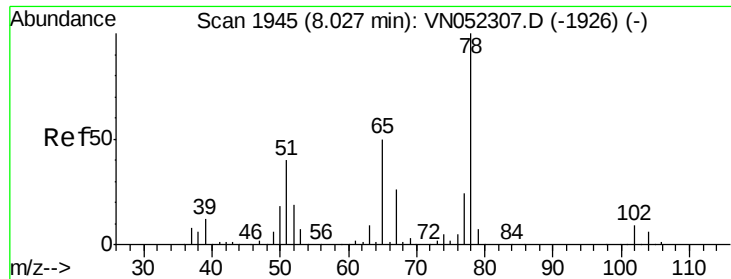
2000

1000

0

Time--> 4.50 4.55 4.60 4.65

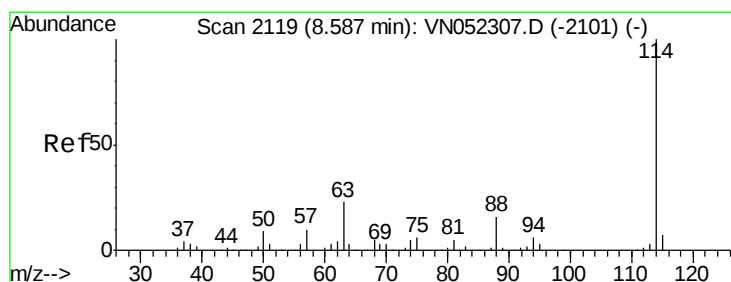
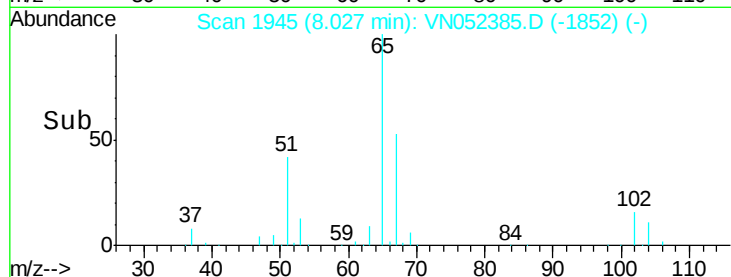
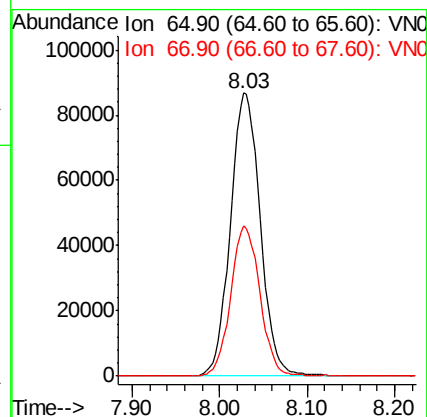
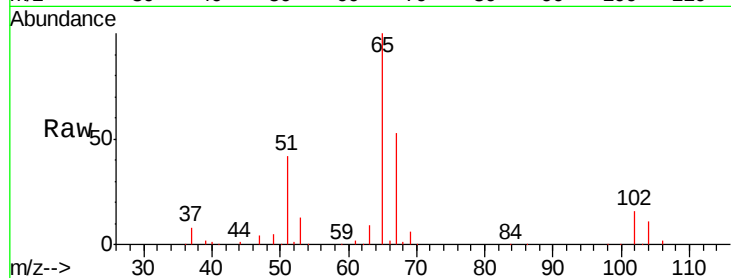




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052385.D
 Acq: 19 Nov 2018 15:20

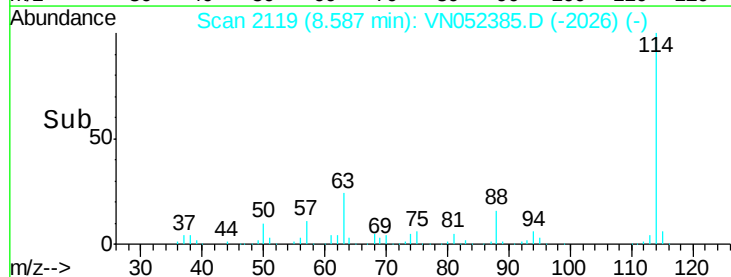
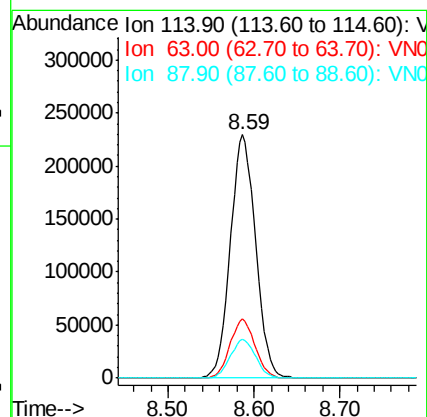
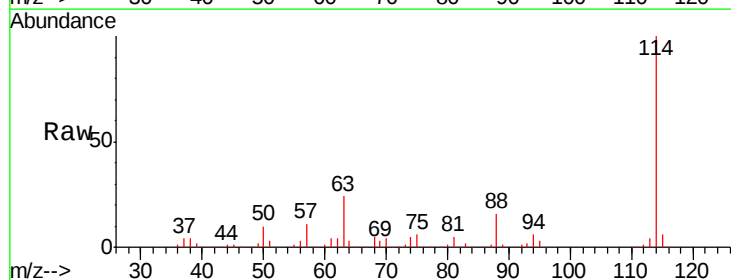
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#01

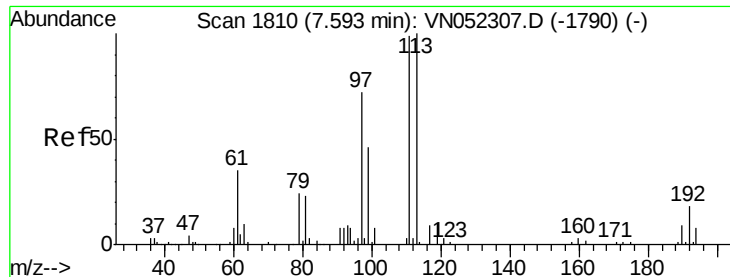
Tgt Ion: 65 Resp: 205558
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052385.D
 Acq: 19 Nov 2018 15:20

Tgt Ion: 114 Resp: 467954
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 15.9 0.0 31.2

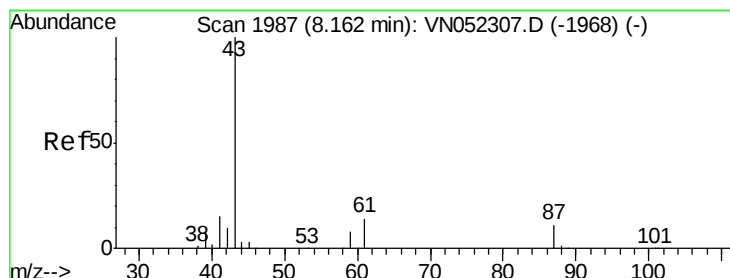
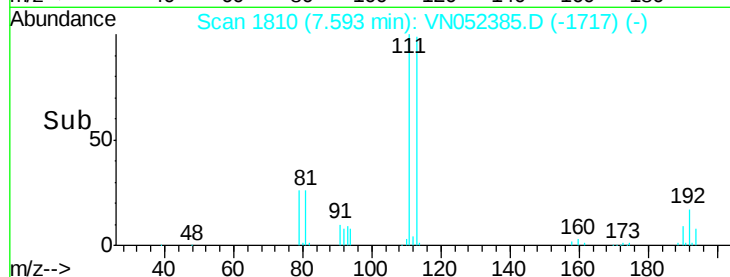
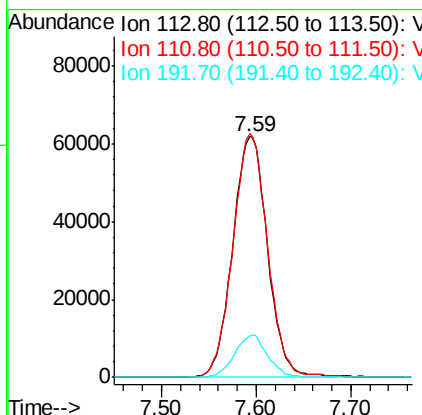
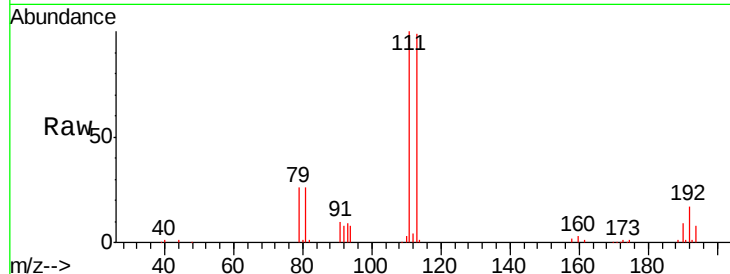




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052385.D
 Acq: 19 Nov 2018 15:20

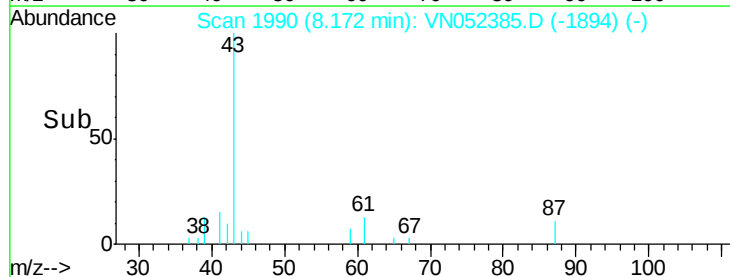
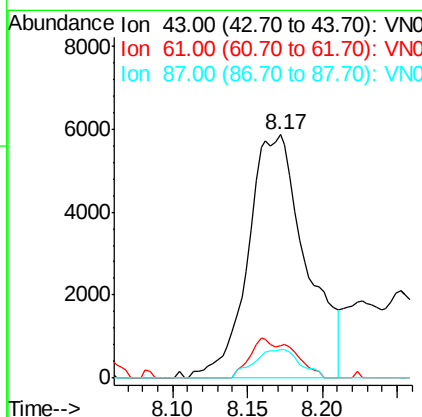
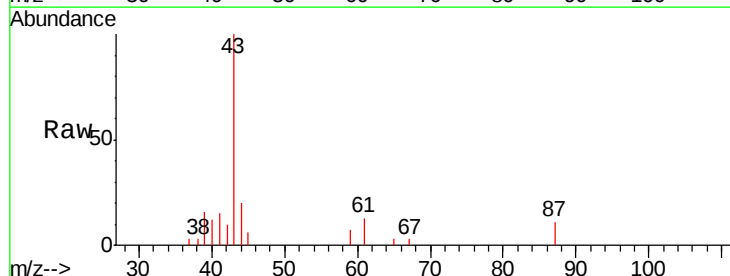
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#01

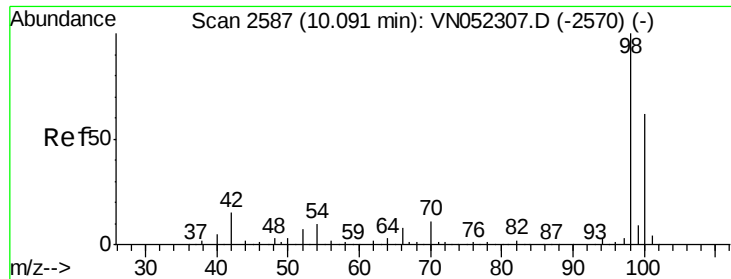
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.0	121.6
192	16.5	13.8	20.6



#43
 Isopropyl Acetate
 Concen: 2.39 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN052385.D
 Acq: 19 Nov 2018 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.4	12.0	18.0
87	9.4	8.3	12.5





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052385.D

Acq: 19 Nov 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

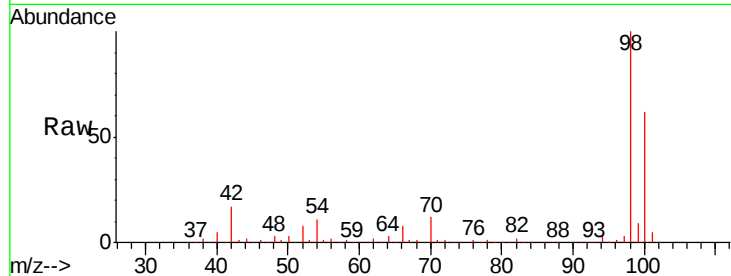
PB114846ZHE#01

Tgt Ion: 98 Resp: 595030

Ion Ratio Lower Upper

98 100

100 62.4 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

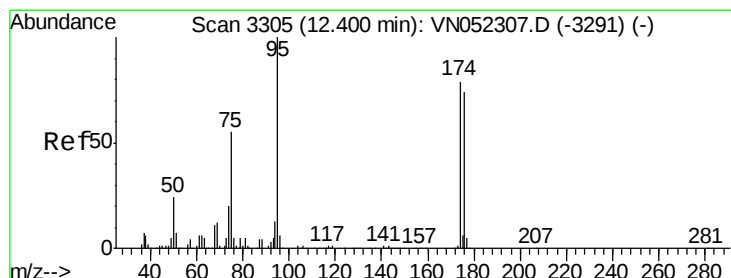
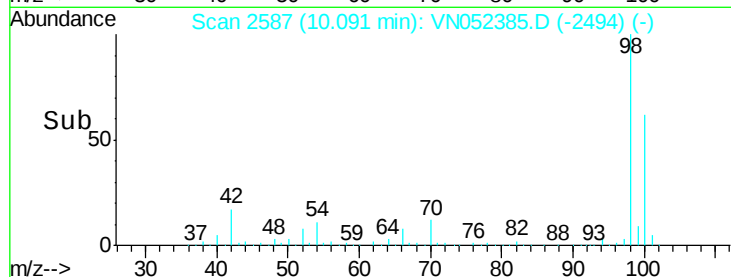
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052385.D

Acq: 19 Nov 2018 15:20

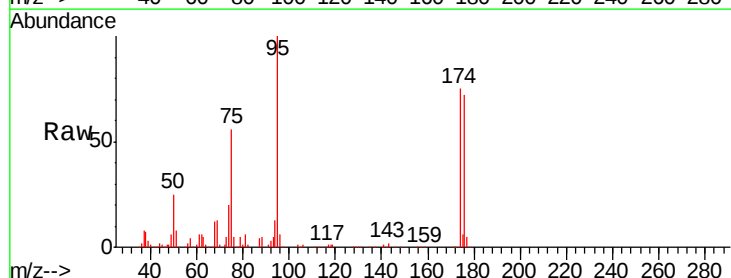
Tgt Ion: 95 Resp: 176198

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

176 71.8 0.0 148.4



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

12.40

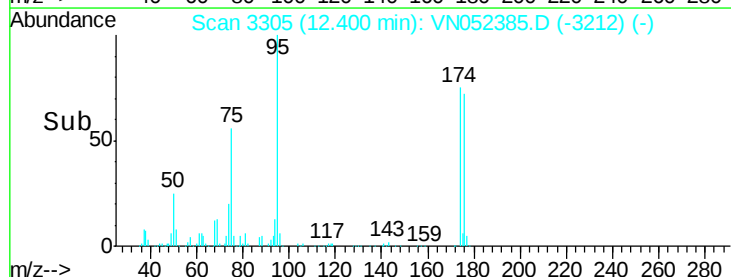
100000

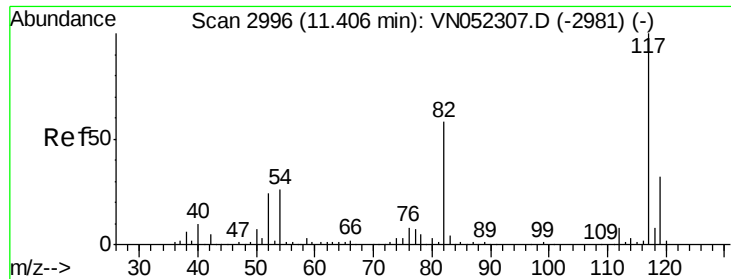
50000

0

Time-->

12.35 12.40 12.45

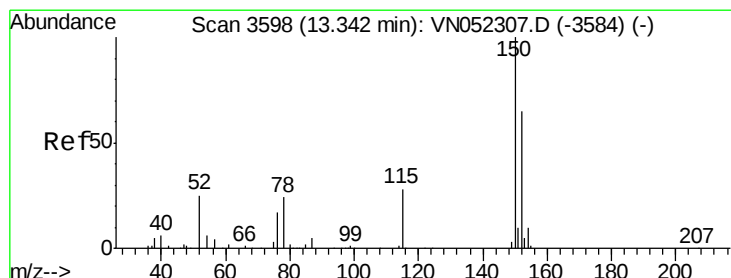
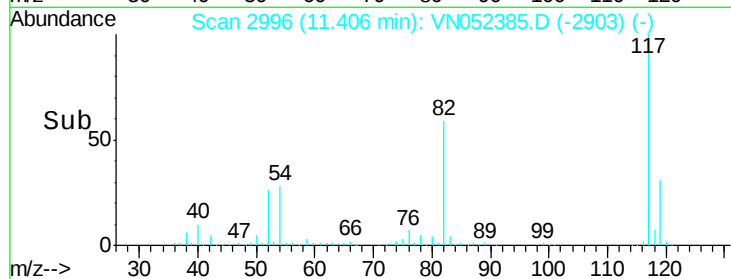
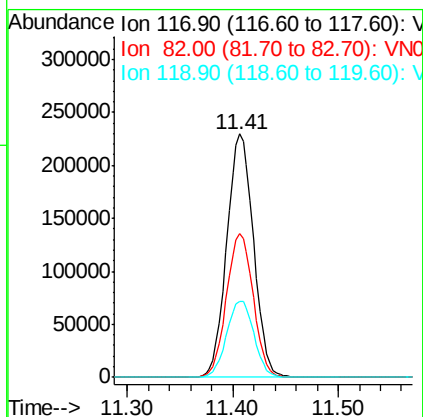
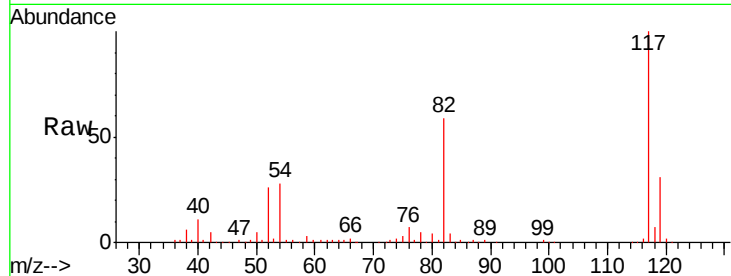




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052385.D
Acq: 19 Nov 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB114846ZHE#01

Tgt Ion:117 Resp: 400791
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052385.D
Acq: 19 Nov 2018 15:20

Tgt Ion:152 Resp: 136490
Ion Ratio Lower Upper
152 100
115 61.8 30.3 91.0
150 158.9 0.0 348.2

