

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052433.D
 Acq On : 21 Nov 2018 12:57
 Operator : MD\SY
 Sample : PB114992ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#03

Quant Time: Nov 22 00:29:15 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	317386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	534824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	461975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	159560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	246001	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	7.59	113	177453	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.09	98	679448	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	204402	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	

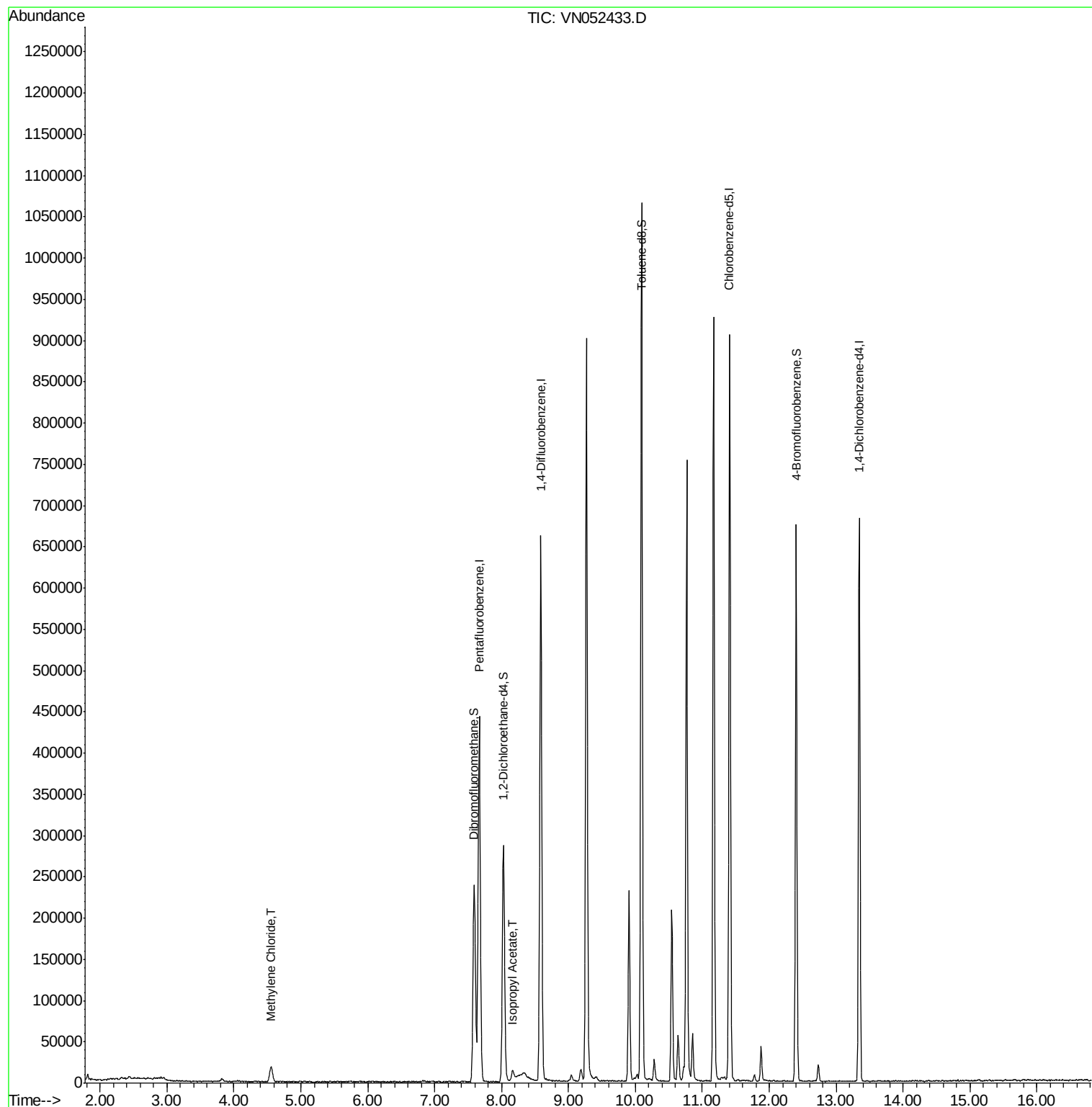
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	11900	2.50	ug/l	90
43) Isopropyl Acetate	8.17	43	19467	2.59	ug/l	# 90

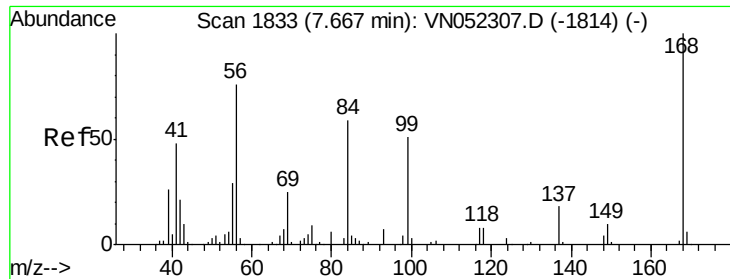
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052433.D

Acq: 21 Nov 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

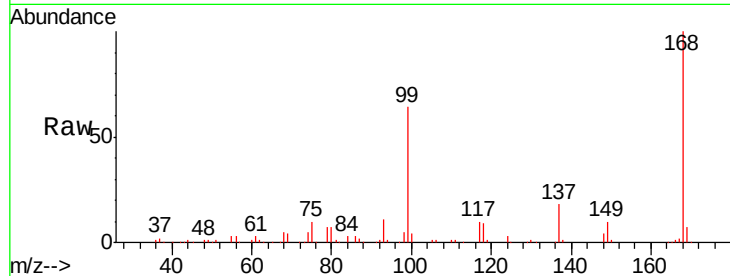
PB114992ZHE#03

Tgt Ion:168 Resp: 317386

Ion Ratio Lower Upper

168 100

99 64.3 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

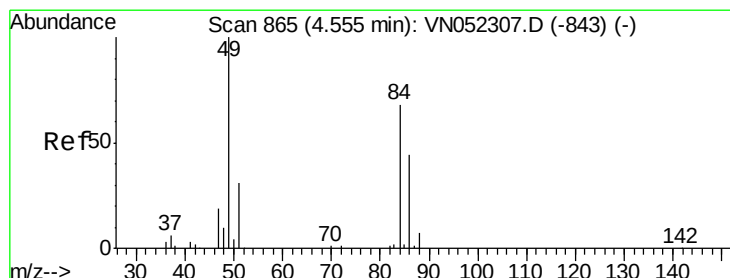
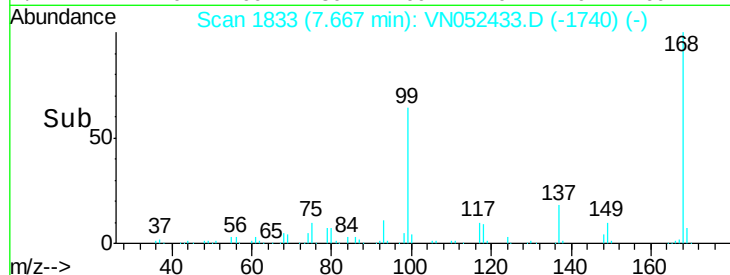
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.50 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052433.D

Acq: 21 Nov 2018 12:57

Tgt Ion: 84 Resp: 11900

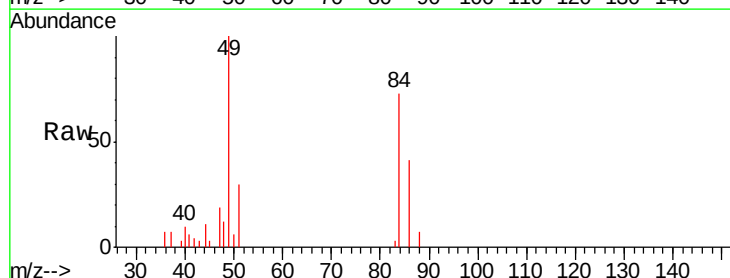
Ion Ratio Lower Upper

84 100

49 133.8 118.2 177.2

51 41.2 36.1 54.1

86 56.1 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

8000

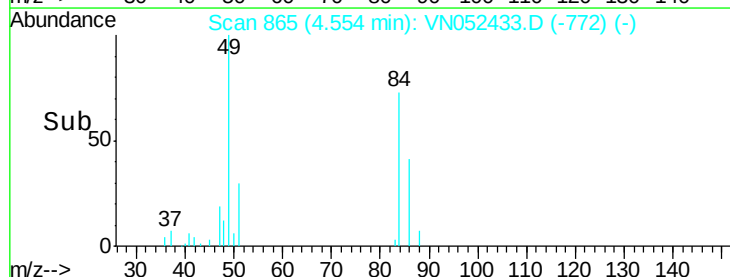
6000

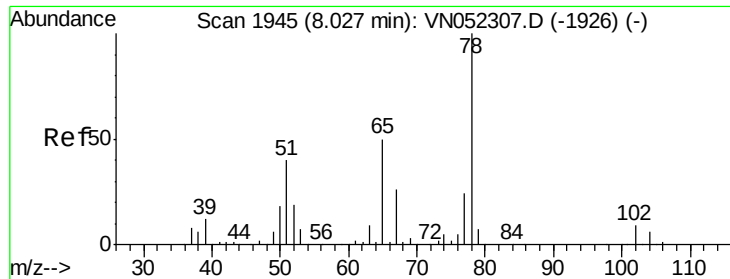
4000

2000

0

Time-->

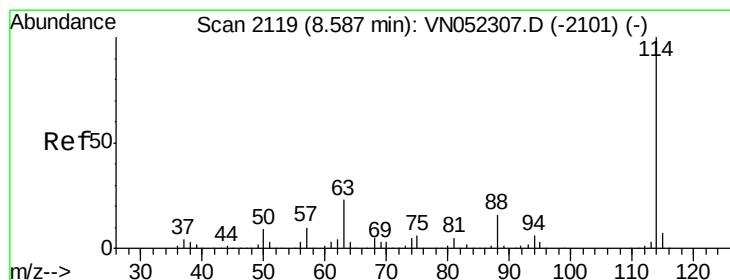
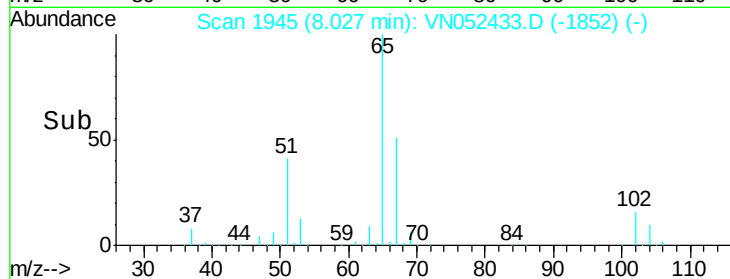
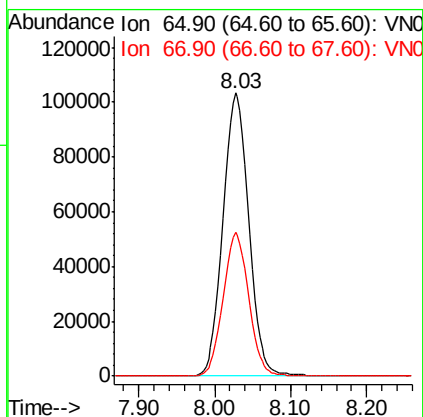
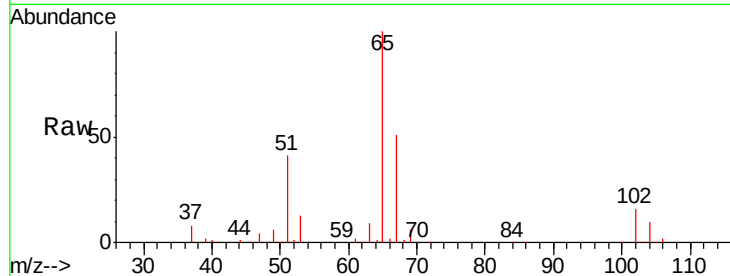




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052433.D
 Acq: 21 Nov 2018 12:57

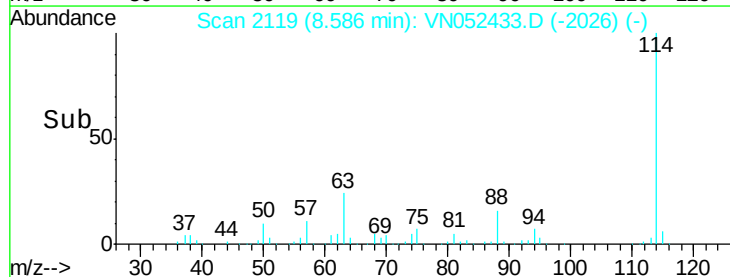
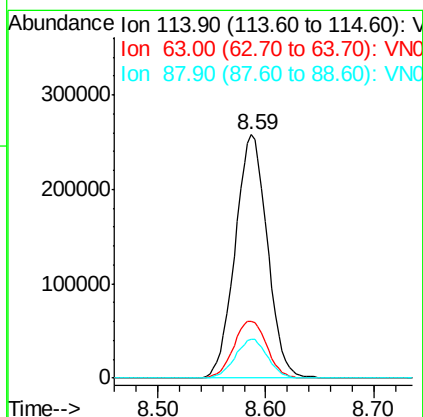
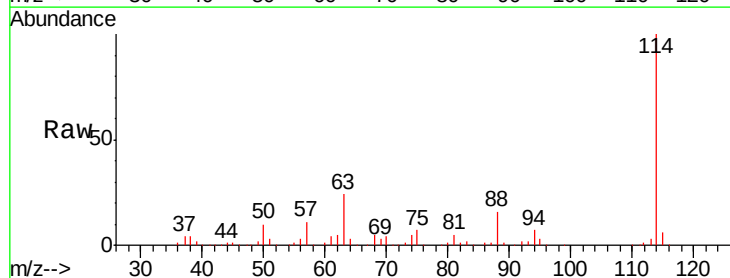
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#03

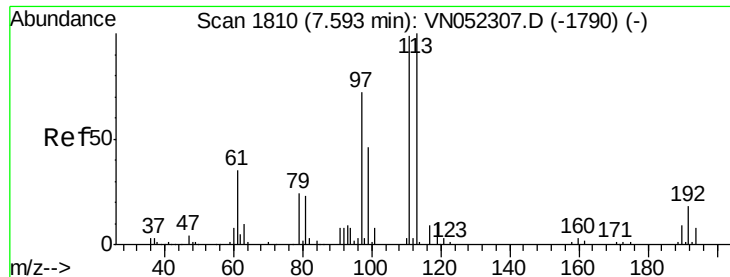
Tgt Ion: 65 Resp: 246001
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052433.D
 Acq: 21 Nov 2018 12:57

Tgt Ion: 114 Resp: 534824
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.4
 88 15.8 0.0 31.2

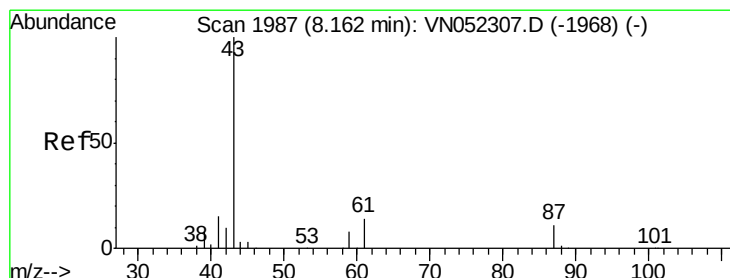
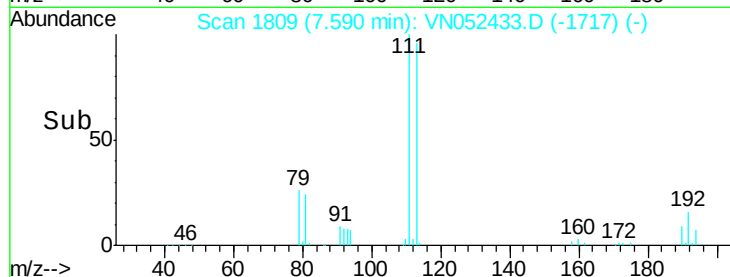
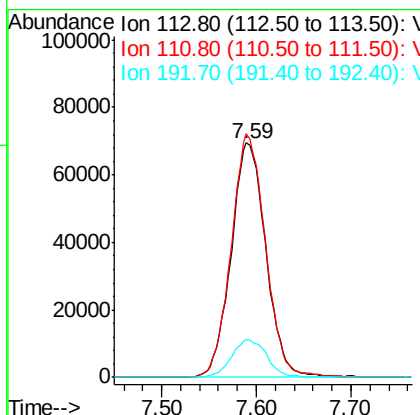
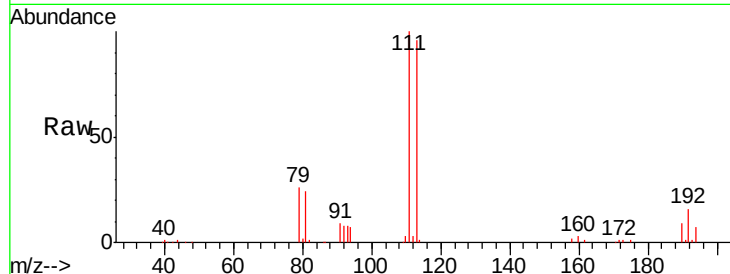




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052433.D
 Acq: 21 Nov 2018 12:57

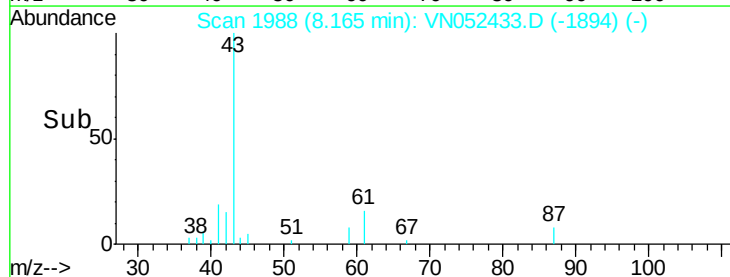
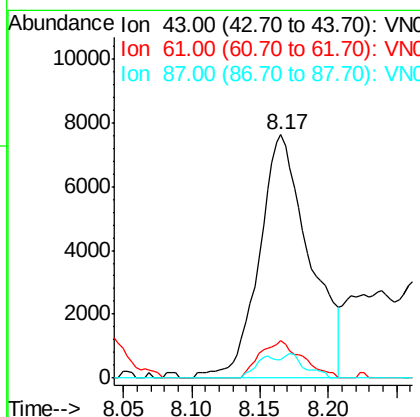
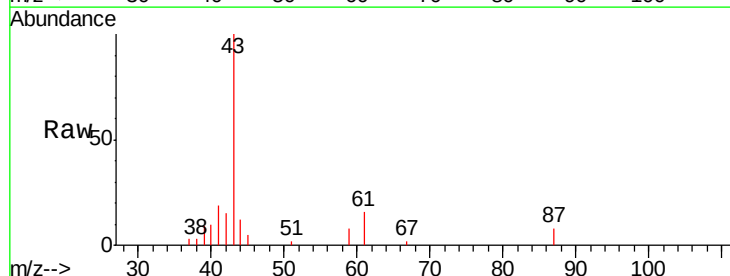
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#03

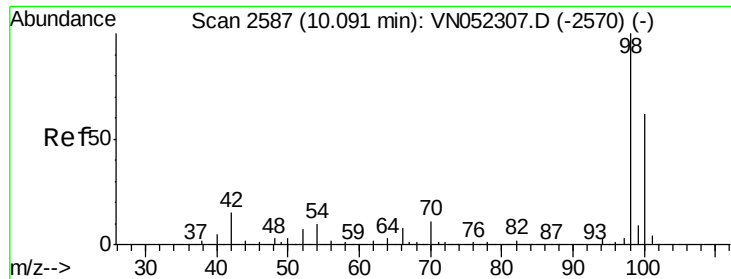
Tgt Ion: 113 Resp: 177453
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 16.2 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.59 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052433.D
 Acq: 21 Nov 2018 12:57

Tgt Ion: 43 Resp: 19467
 Ion Ratio Lower Upper
 43 100
 61 13.0 12.0 18.0
 87 4.2 8.3 12.5#

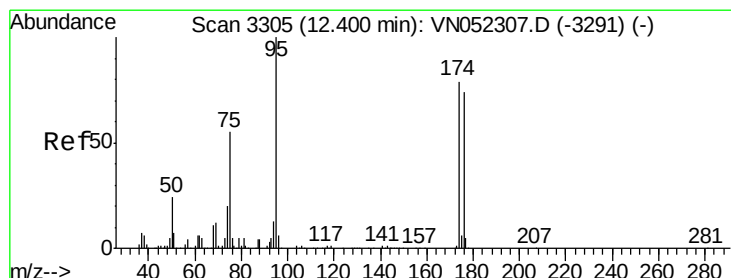
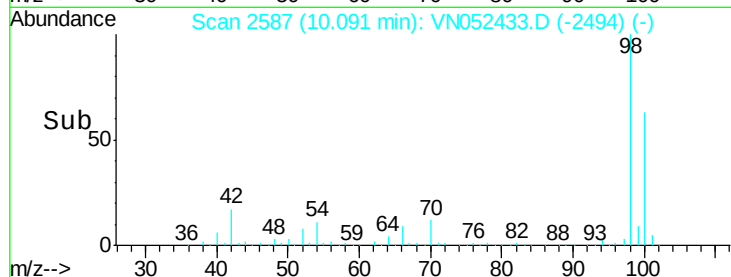
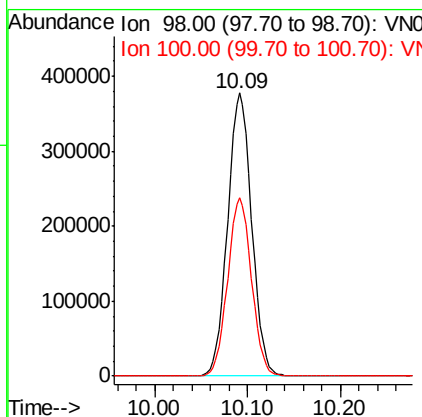
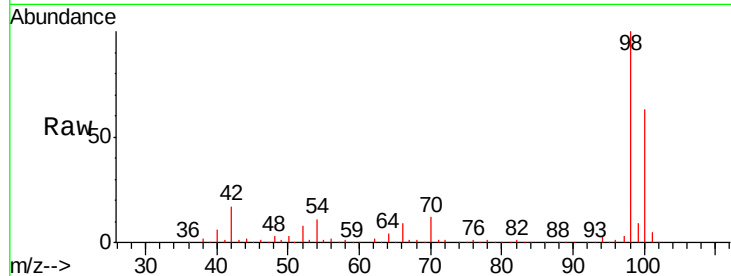




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052433.D
Acq: 21 Nov 2018 12:57

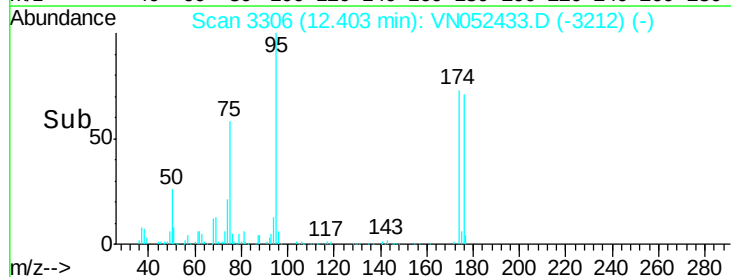
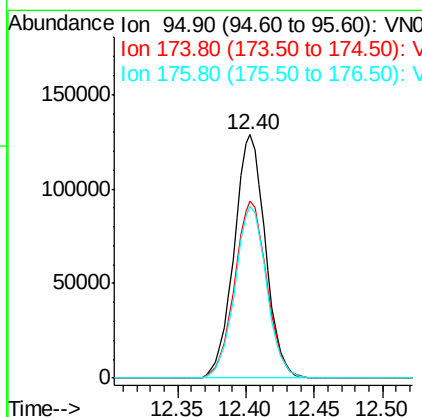
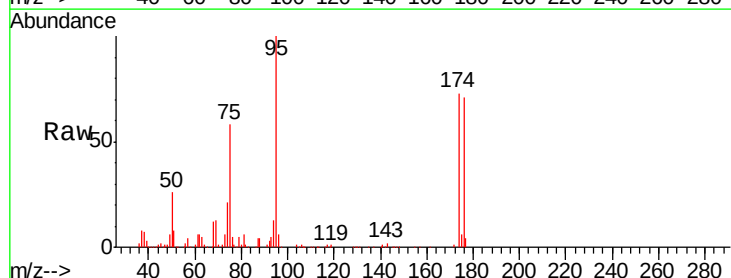
Instrument :
MSVOA_N
ClientSampleId :
PB114992ZHE#03

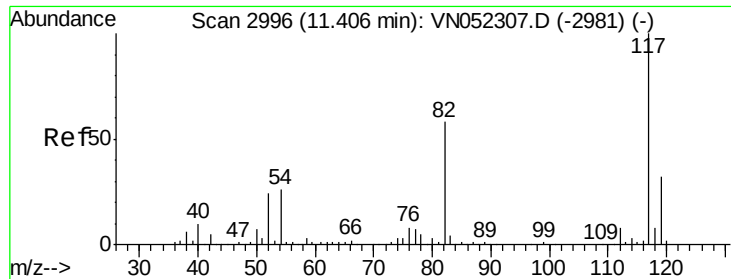
Tgt Ion: 98 Resp: 679448
Ion Ratio Lower Upper
98 100
100 62.4 49.5 74.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052433.D
Acq: 21 Nov 2018 12:57

Tgt Ion: 95 Resp: 204402
Ion Ratio Lower Upper
95 100
174 75.0 0.0 156.0
176 71.4 0.0 148.4

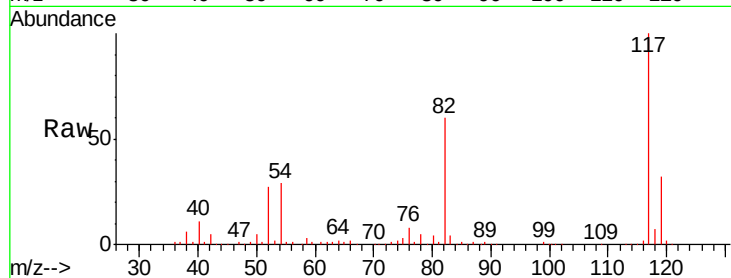




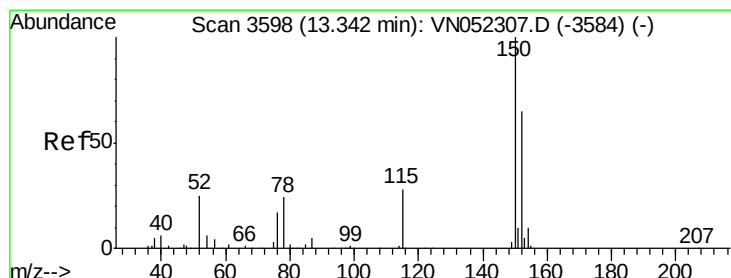
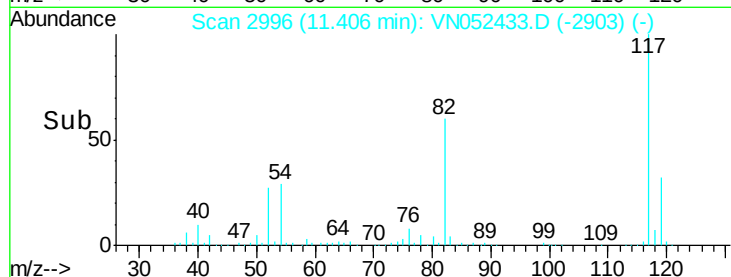
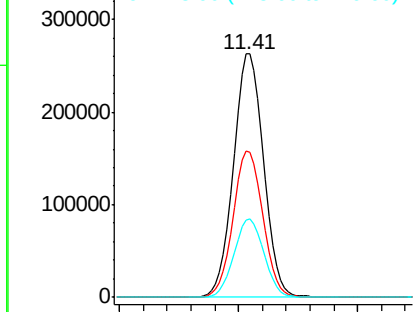
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052433.D
Acq: 21 Nov 2018 12:57

Instrument :
MSVOA_N
ClientSampleId :
PB114992ZHE#03

Tgt Ion:117 Resp: 461975
Ion Ratio Lower Upper
117 100
82 60.3 46.5 69.7
119 31.8 25.7 38.5

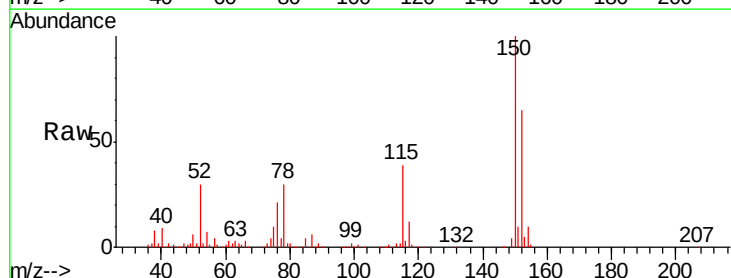


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052433.D
Acq: 21 Nov 2018 12:57

Tgt Ion:152 Resp: 159560
Ion Ratio Lower Upper
152 100
115 61.5 30.3 91.0
150 157.3 0.0 348.2



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

