

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052434.D
 Acq On : 21 Nov 2018 13:24
 Operator : MD\SY
 Sample : PB114992ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#04

Quant Time: Nov 22 00:31:19 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	315897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	526927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	241527	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.59	113	177062	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.09	98	674774	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	198667	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

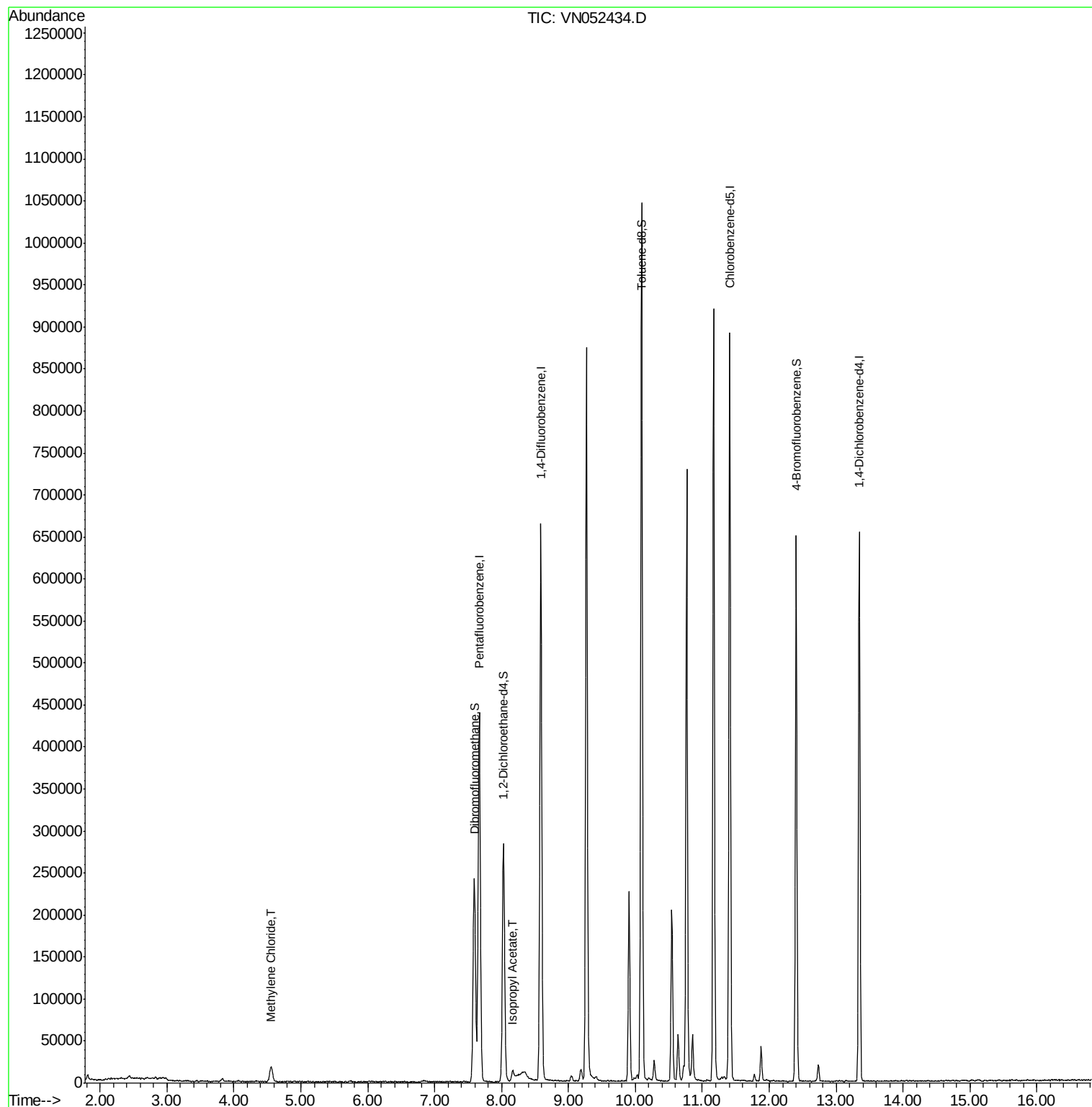
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	11183	2.32	ug/l	95
43) Isopropyl Acetate	8.17	43	17929	2.42	ug/l	# 96

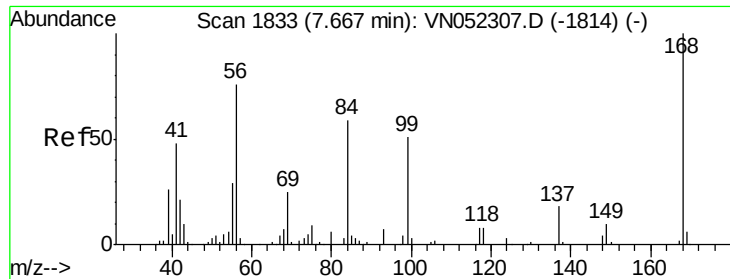
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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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: VN052434.D

Acq: 21 Nov 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

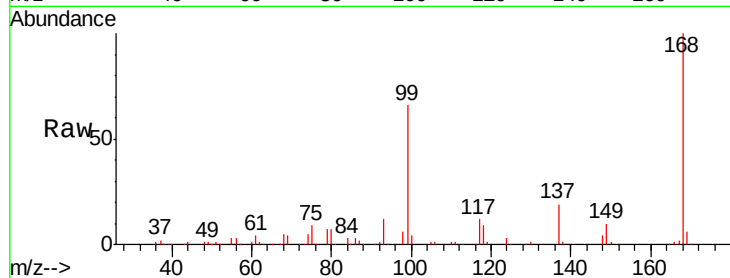
PB114992ZHE#04

Tgt Ion:168 Resp: 315897

Ion Ratio Lower Upper

168 100

99 66.1 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

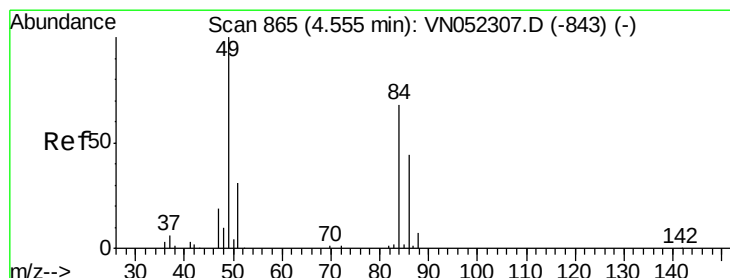
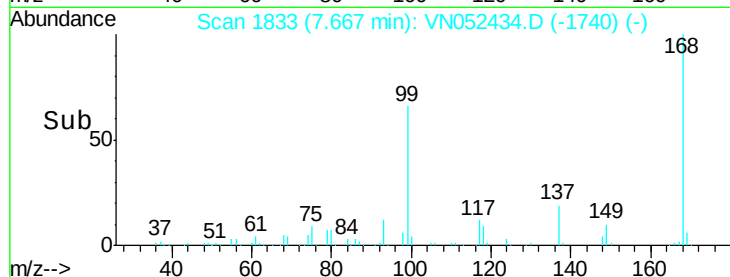
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.32 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052434.D

Acq: 21 Nov 2018 13:24

Tgt Ion: 84 Resp: 11183

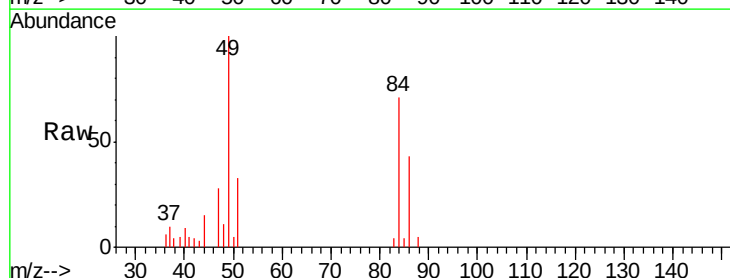
Ion Ratio Lower Upper

84 100

49 141.5 118.2 177.2

51 47.3 36.1 54.1

86 60.3 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

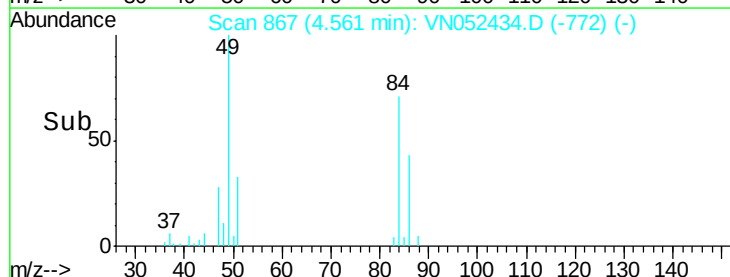
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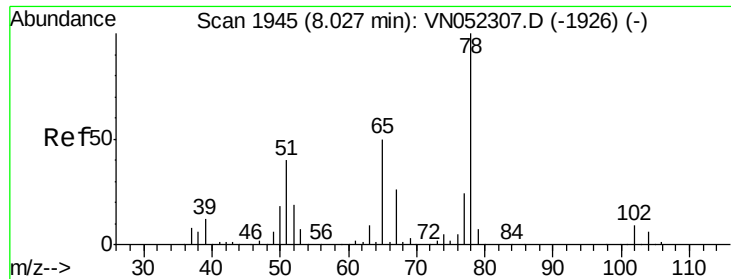
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Time-->

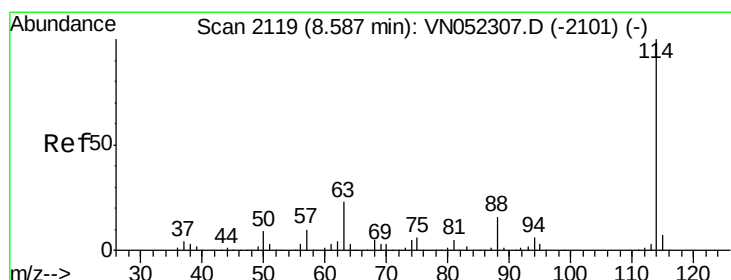
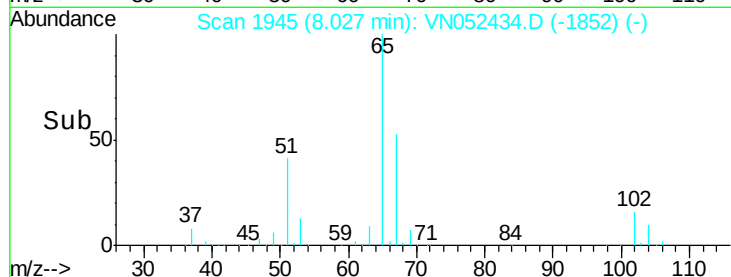
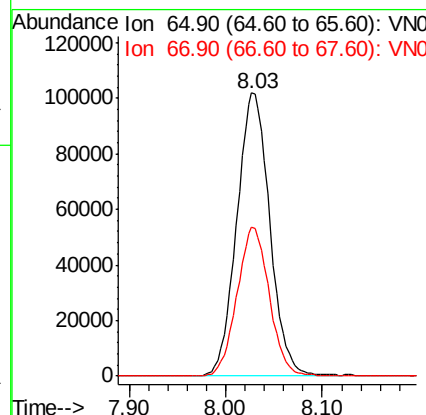
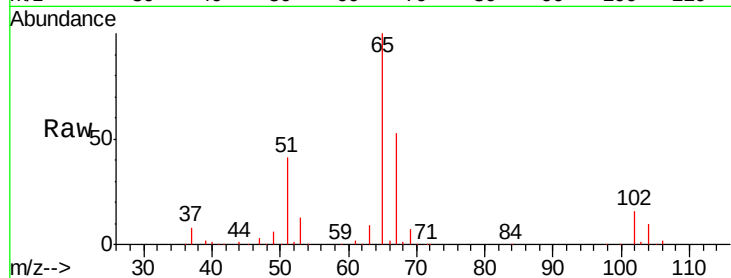




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052434.D
 Acq: 21 Nov 2018 13:24

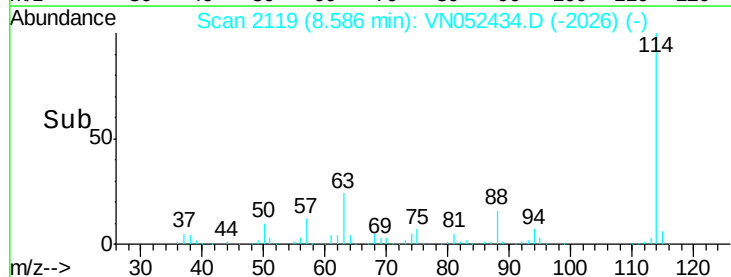
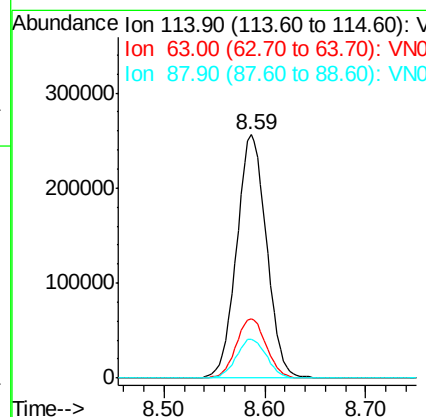
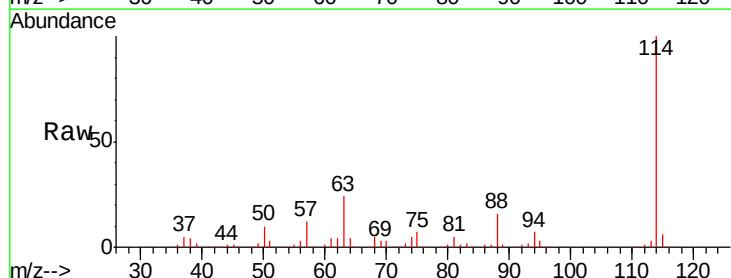
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#04

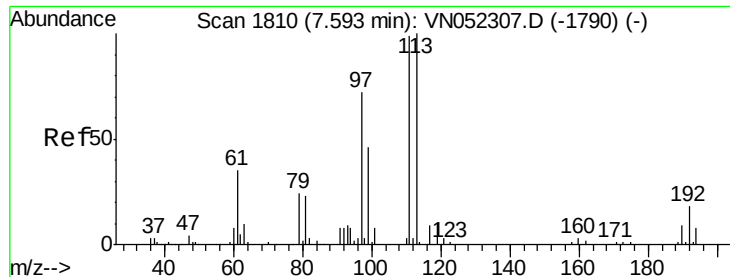
Tgt Ion: 65 Resp: 241527
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052434.D
 Acq: 21 Nov 2018 13:24

Tgt Ion: 114 Resp: 526927
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 16.0 0.0 31.2

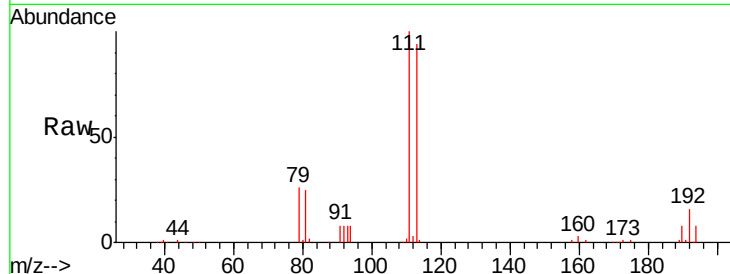




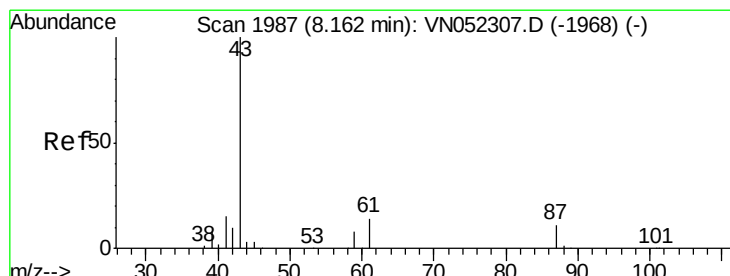
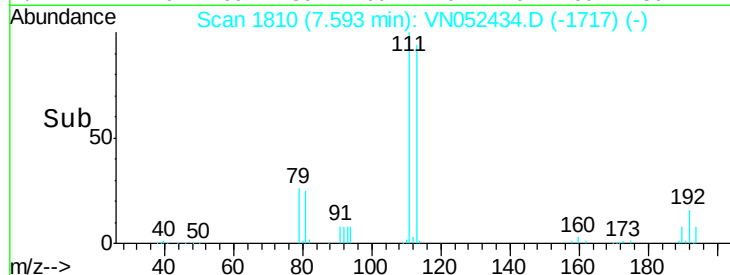
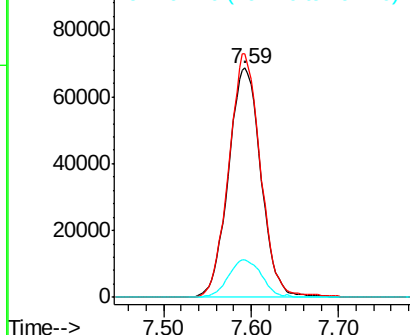
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052434.D
 Acq: 21 Nov 2018 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#04

Tgt Ion: 113 Resp: 177062
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 16.8 13.8 20.6

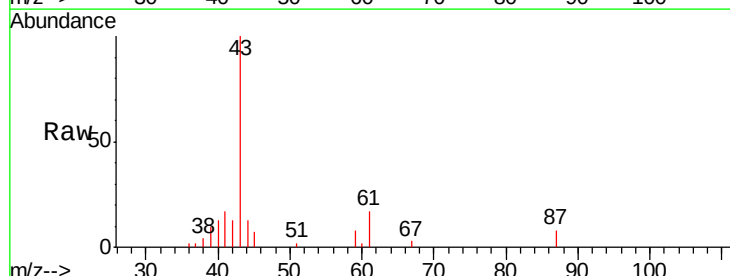


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

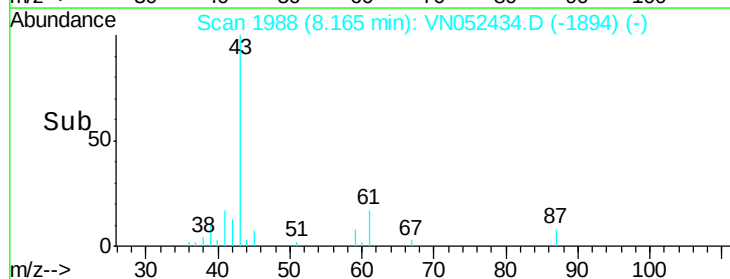
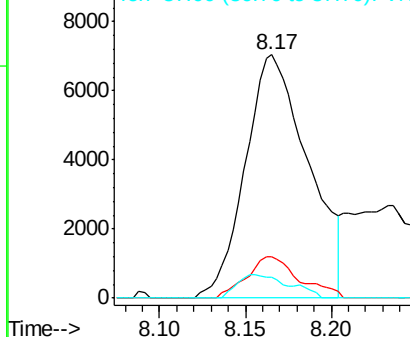


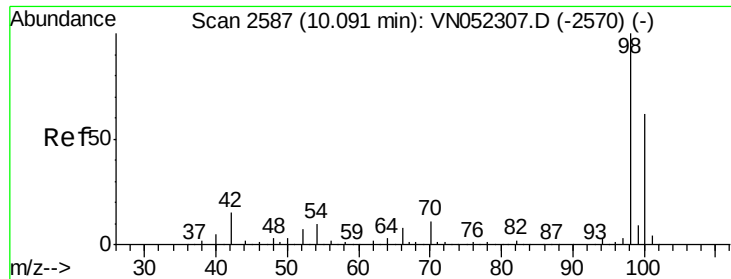
#43
 Isopropyl Acetate
 Concen: 2.42 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052434.D
 Acq: 21 Nov 2018 13:24

Tgt Ion: 43 Resp: 17929
 Ion Ratio Lower Upper
 43 100
 61 14.2 12.0 18.0
 87 8.0 8.3 12.5#



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: VN052434.D

Acq: 21 Nov 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

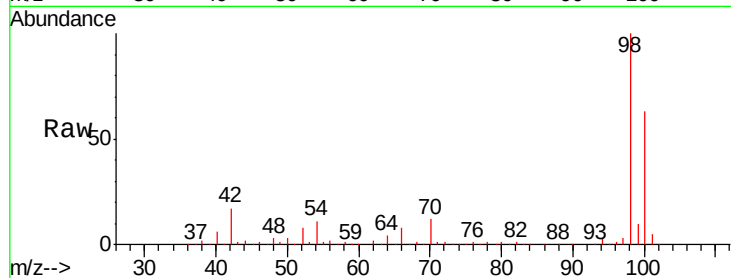
PB114992ZHE#04

Tgt Ion: 98 Resp: 674774

Ion Ratio Lower Upper

98 100

100 62.7 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

400000

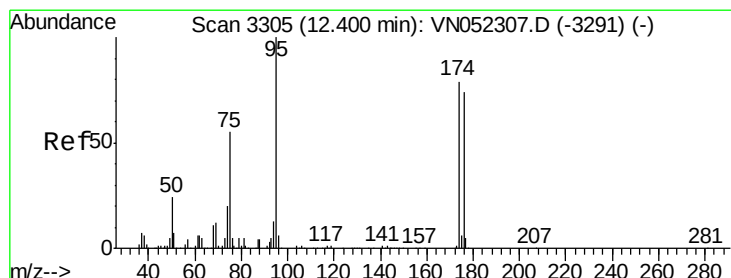
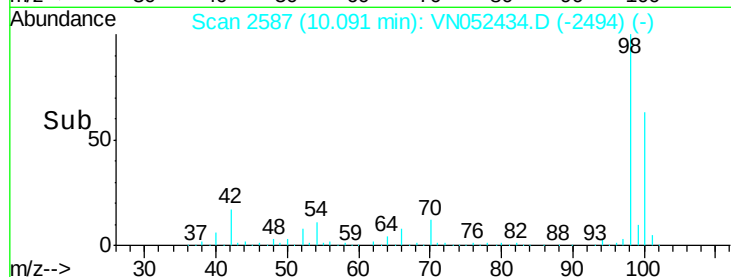
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052434.D

Acq: 21 Nov 2018 13:24

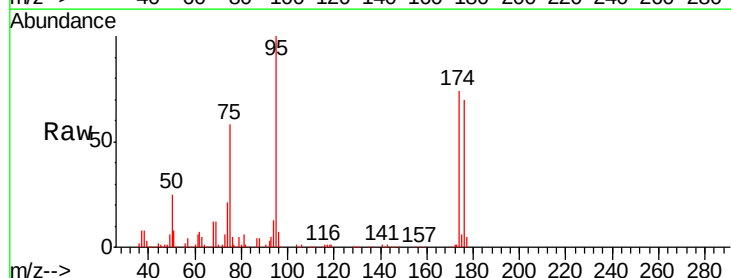
Tgt Ion: 95 Resp: 198667

Ion Ratio Lower Upper

95 100

174 75.2 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

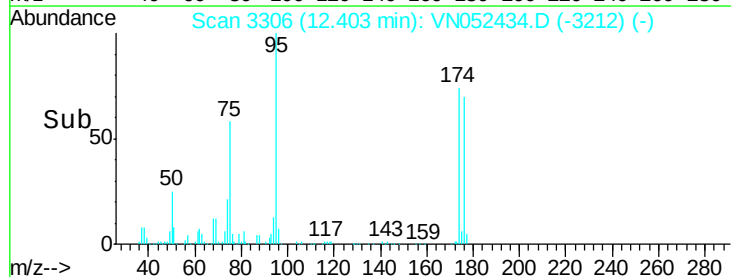
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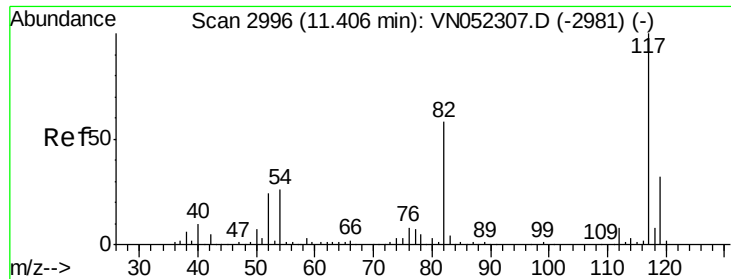
100000

50000

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Time-->

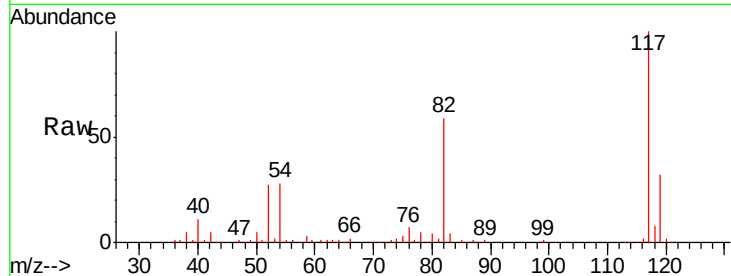




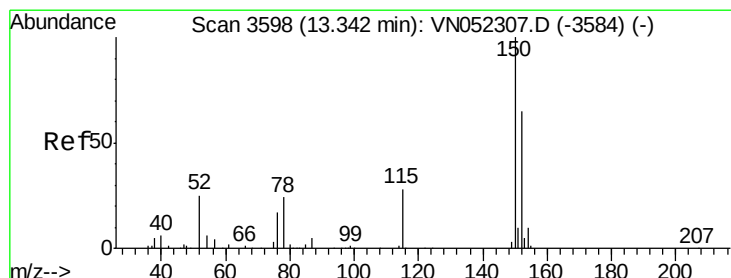
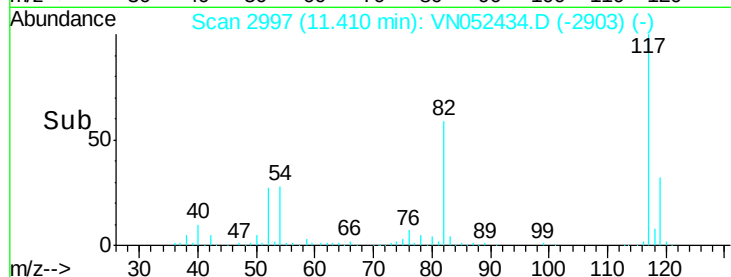
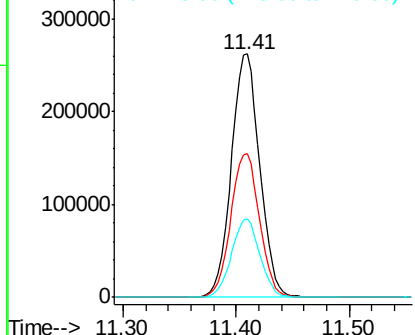
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052434.D
Acq: 21 Nov 2018 13:24

Instrument :
MSVOA_N
ClientSampleId :
PB114992ZHE#04

Tgt Ion:117 Resp: 456996
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 32.2 25.7 38.5

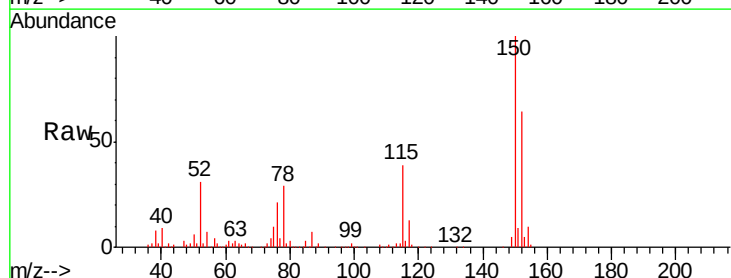


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052434.D
Acq: 21 Nov 2018 13:24

Tgt Ion:152 Resp: 153789
Ion Ratio Lower Upper
152 100
115 60.4 30.3 91.0
150 155.3 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

