

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052341.D
 Acq On : 15 Nov 2018 14:53
 Operator : MD\SY
 Sample : PB114828ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114828ZHE#05

Quant Time: Nov 16 03:52:30 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

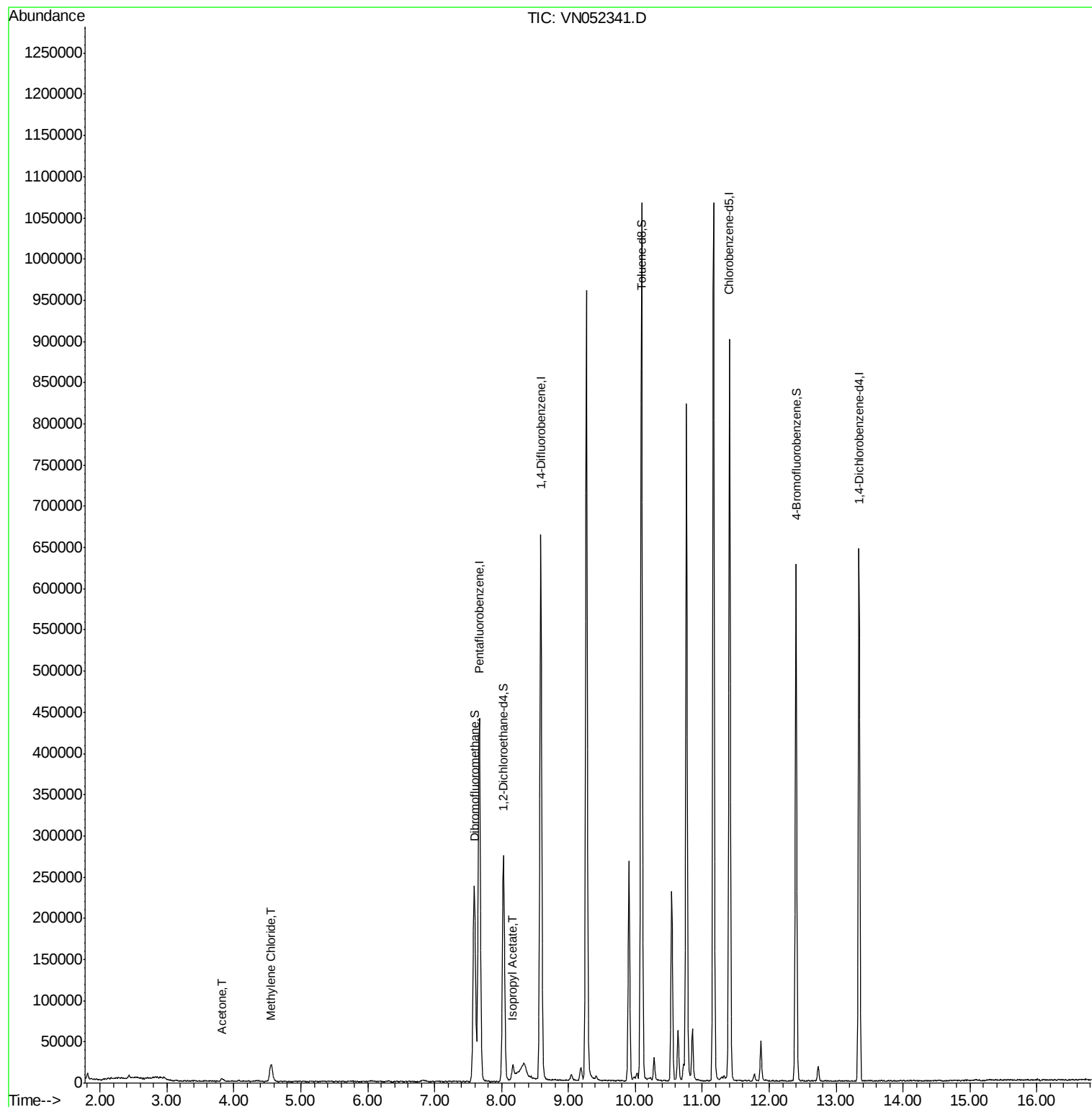
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	326478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	544273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	227384	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	177191	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	692507	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	196960	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
16) Acetone	3.82	43	6388	5.03	ug/l	98
20) Methylene Chloride	4.56	84	13695	2.89	ug/l	95
43) Isopropyl Acetate	8.17	43	22423	2.94	ug/l	96

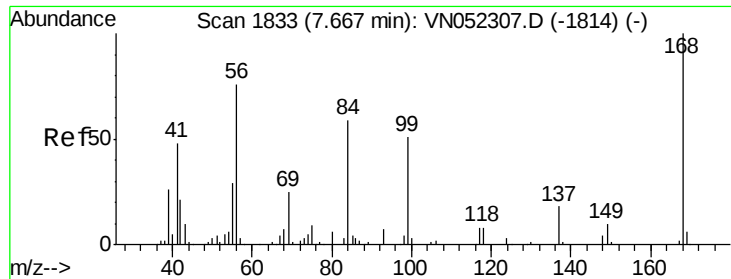
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

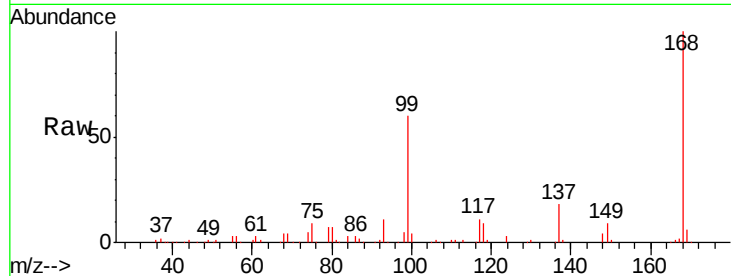
PB114828ZHE#05

Tgt Ion:168 Resp: 326478

Ion Ratio Lower Upper

168 100

99 59.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

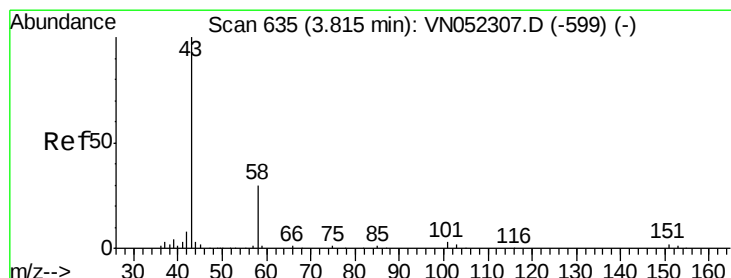
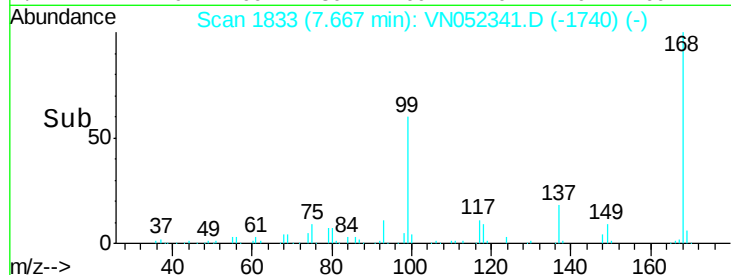
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.03 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052341.D

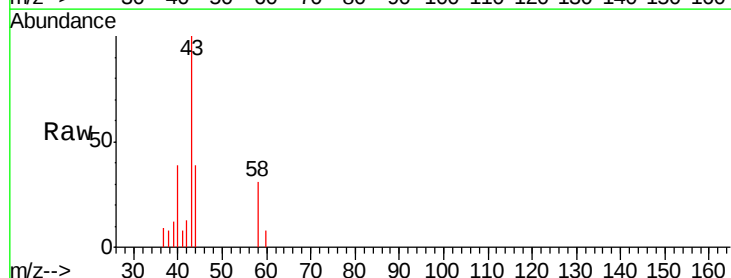
Acq: 15 Nov 2018 14:53

Tgt Ion: 43 Resp: 6388

Ion Ratio Lower Upper

43 100

58 31.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

2000

1500

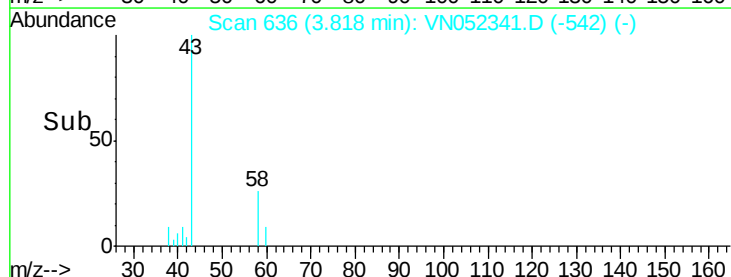
1000

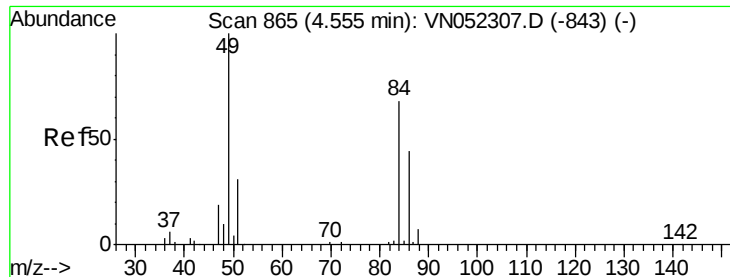
500

0

3.75 3.80 3.85 3.90

Time-->

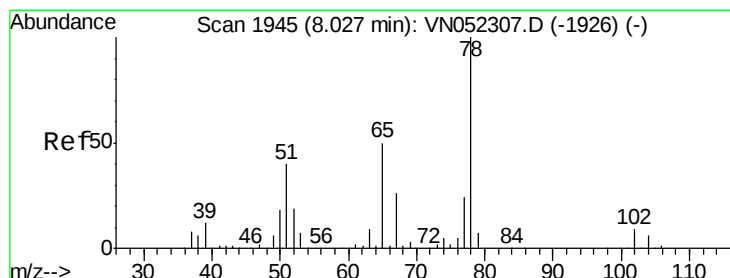
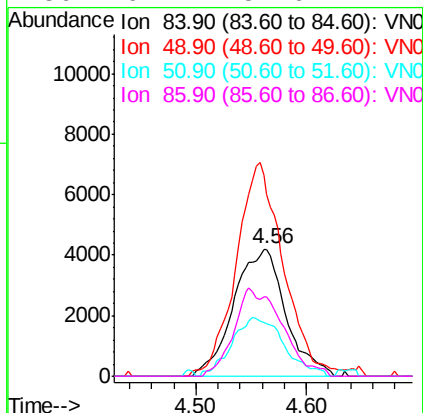
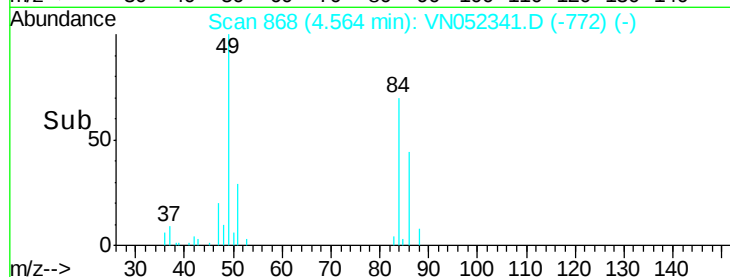
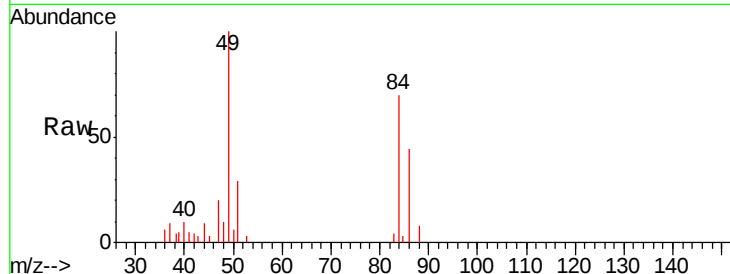




#20
Methylene Chloride
Concen: 2.89 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN052341.D
Acq: 15 Nov 2018 14:53

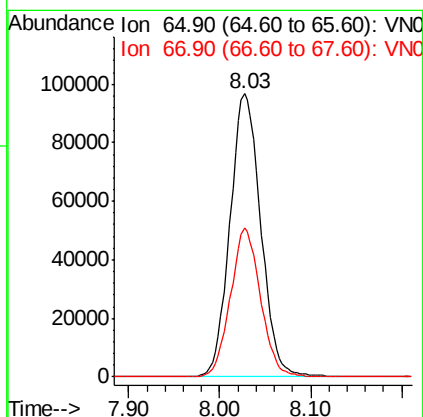
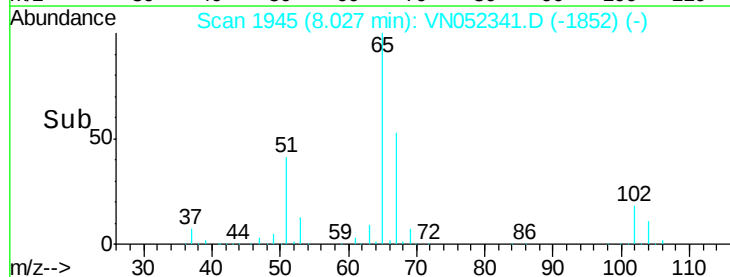
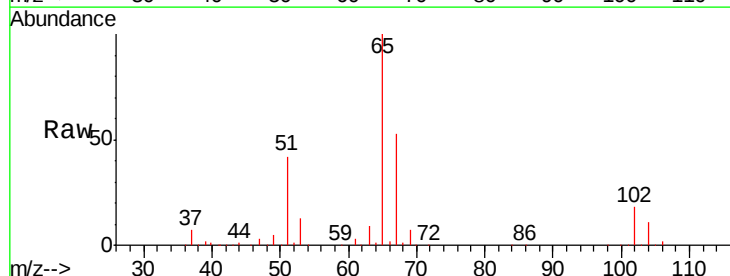
Instrument :
MSVOA_N
ClientSampleId :
PB114828ZHE#05

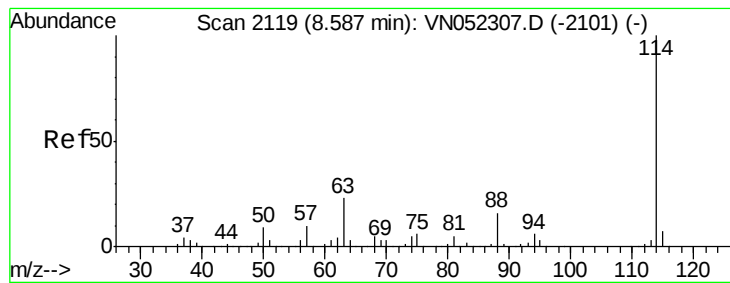
Tgt Ion: 84 Resp: 13695
Ion Ratio Lower Upper
84 100
49 142.8 118.2 177.2
51 36.8 36.1 54.1
86 62.4 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052341.D
Acq: 15 Nov 2018 14:53

Tgt Ion: 65 Resp: 227384
Ion Ratio Lower Upper
65 100
67 51.3 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: VN052341.D

Acq: 15 Nov 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#05

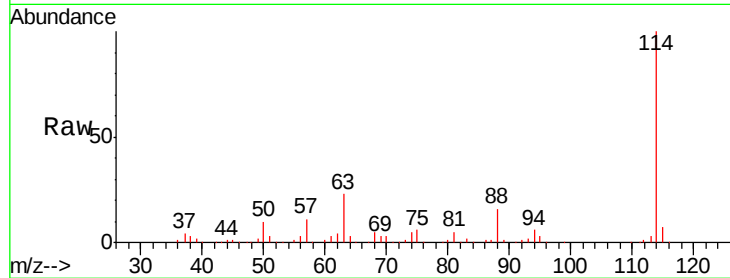
Tgt Ion:114 Resp: 544273

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.4

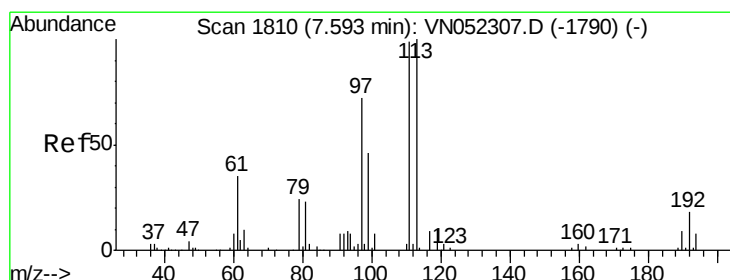
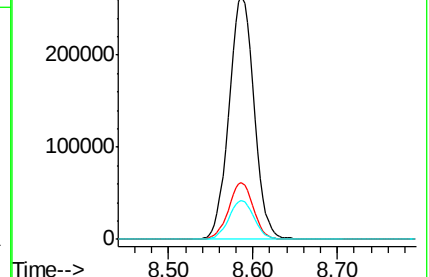
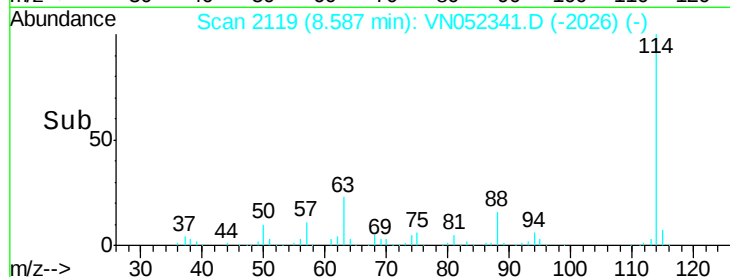
88 15.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052341.D

Acq: 15 Nov 2018 14:53

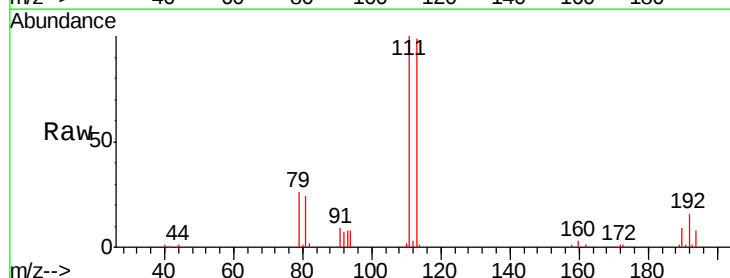
Tgt Ion:113 Resp: 177191

Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.6

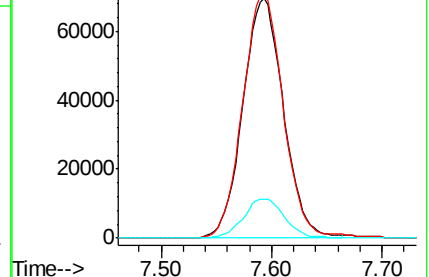
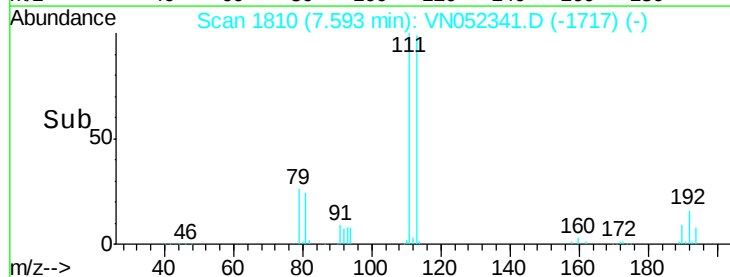
192 16.6 13.8 20.6

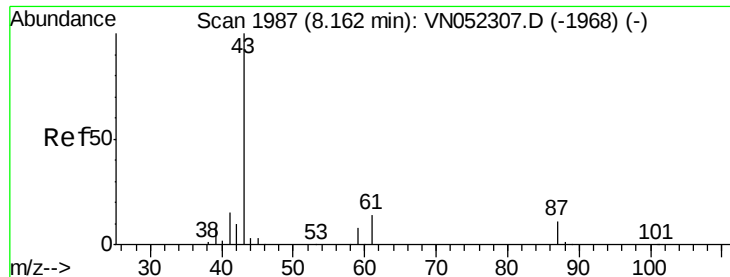


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.94 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052341.D

Acq: 15 Nov 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#05

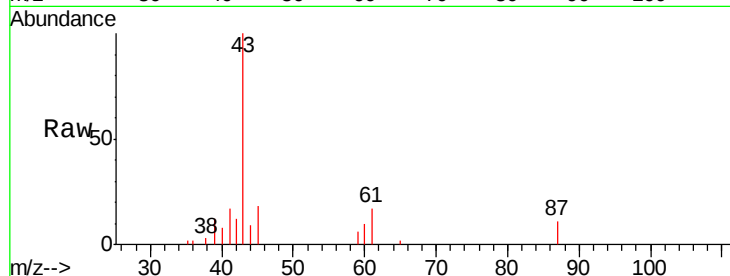
Tgt Ion: 43 Resp: 22423

Ion Ratio Lower Upper

43 100

61 16.6 12.0 18.0

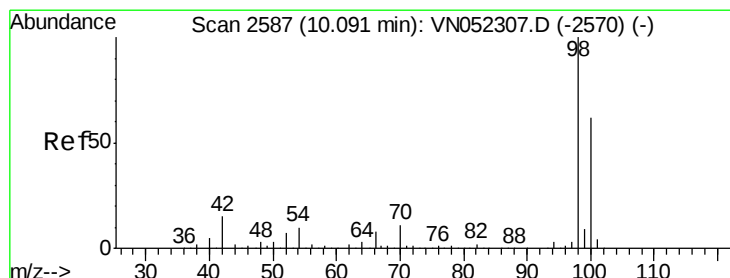
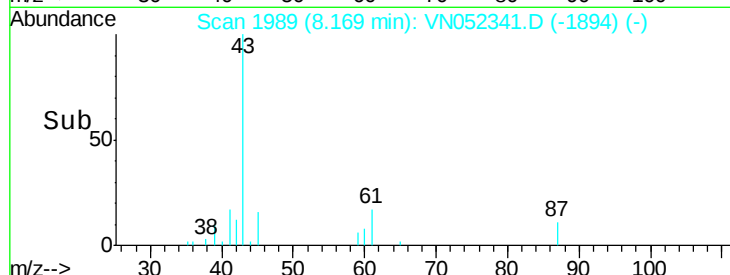
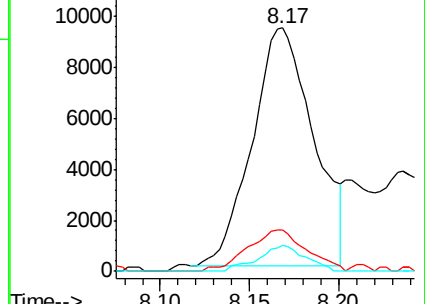
87 8.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052341.D

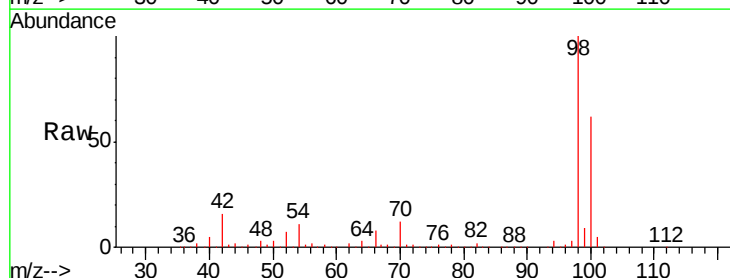
Acq: 15 Nov 2018 14:53

Tgt Ion: 98 Resp: 692507

Ion Ratio Lower Upper

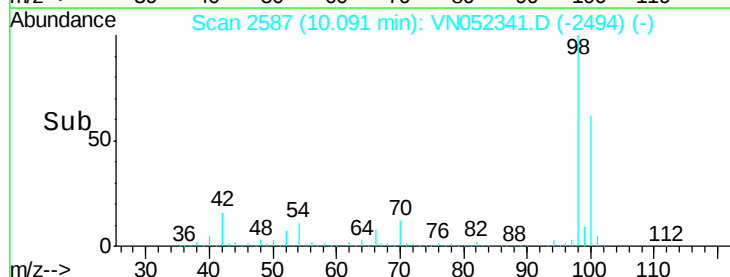
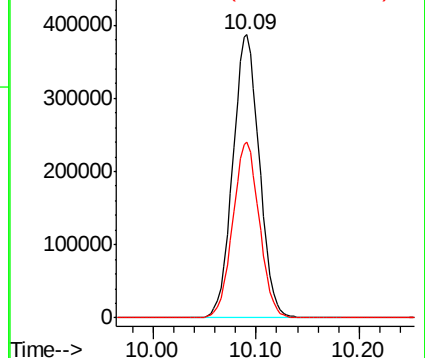
98 100

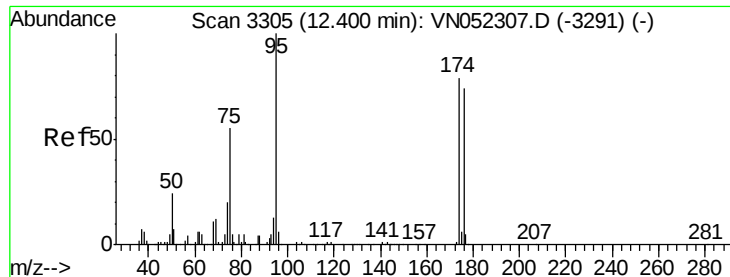
100 62.2 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052341.D

Acq: 15 Nov 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#05

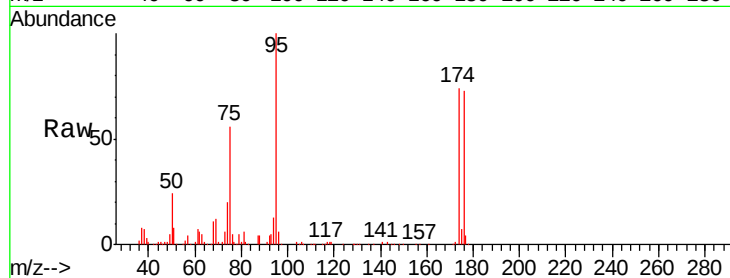
Tgt Ion: 95 Resp: 196960

Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.0

176 74.5 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

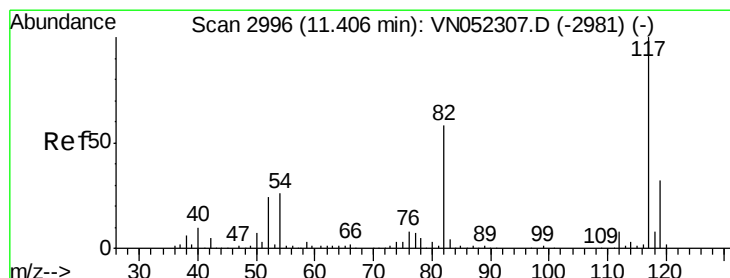
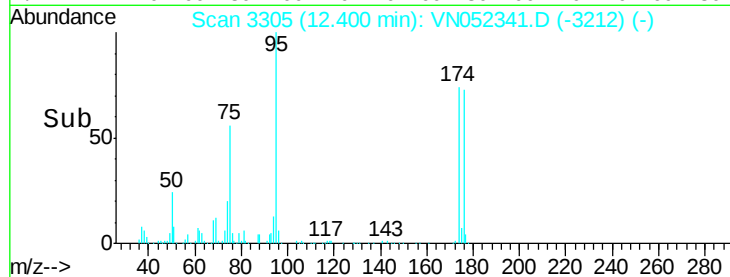
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052341.D

Acq: 15 Nov 2018 14:53

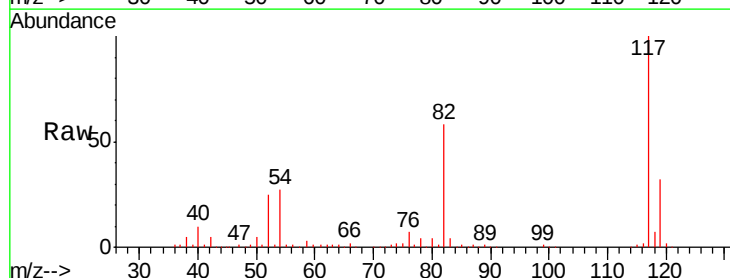
Tgt Ion: 117 Resp: 463097

Ion Ratio Lower Upper

117 100

82 58.4 46.5 69.7

119 31.5 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

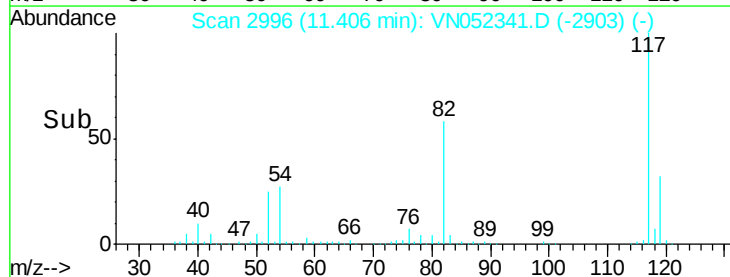
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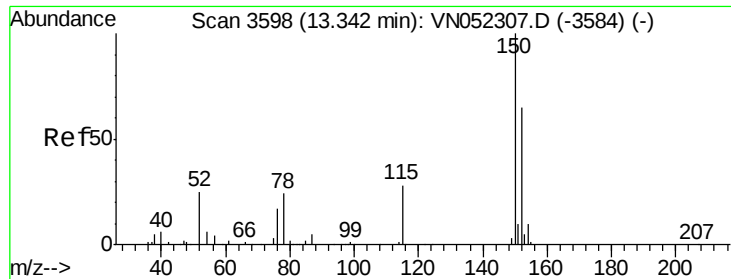
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052341.D

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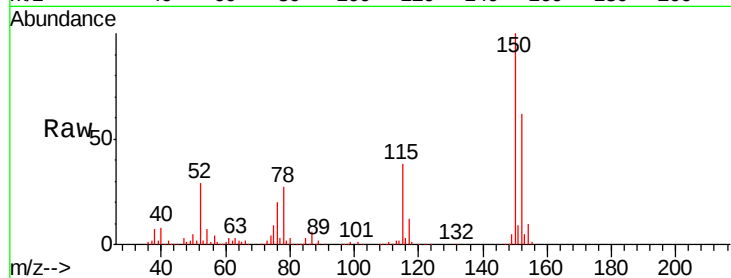
Tgt Ion:152 Resp: 153628

Ion Ratio Lower Upper

152 100

115 61.7 30.3 91.0

150 158.8 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

