

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050572.D
 Acq On : 13 Aug 2018 16:47
 Operator : MD\SY
 Sample : PB111961ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#05

Quant Time: Aug 14 02:03:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	885729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318333	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	432102	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	403398	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.09	98	1415623	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	392109	36.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.40%	

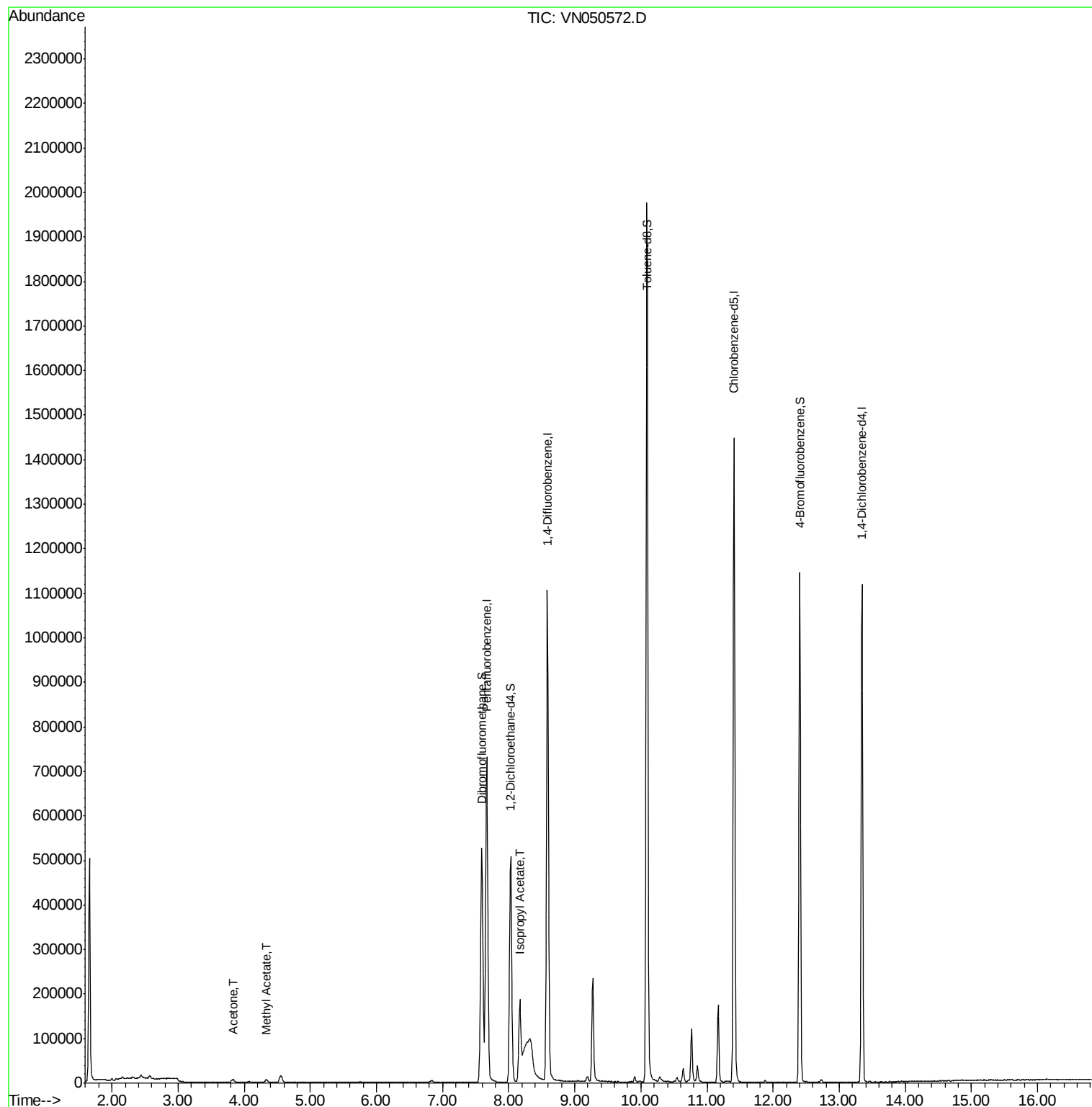
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13920	5.20	ug/l	95
18) Methyl Acetate	4.33	43	12370	1.71	ug/l	# 66
43) Isopropyl Acetate	8.17	43	237017	16.70	ug/l	97

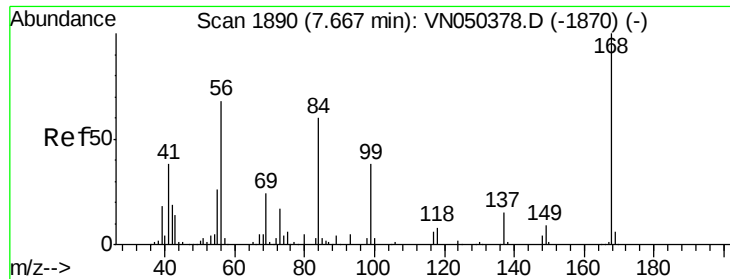
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

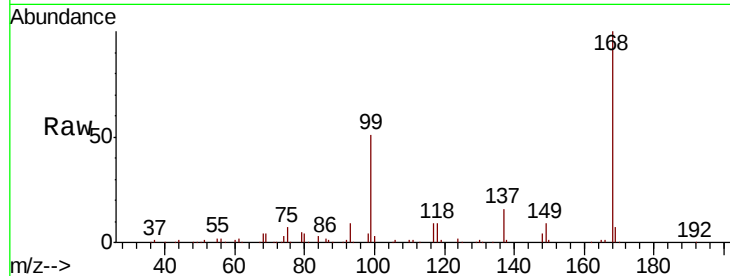
PB111961ZHE#05

Tot Ion:168 Resp: 628851

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050572.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050572.D (-1797) (-)

7.67

250000

200000

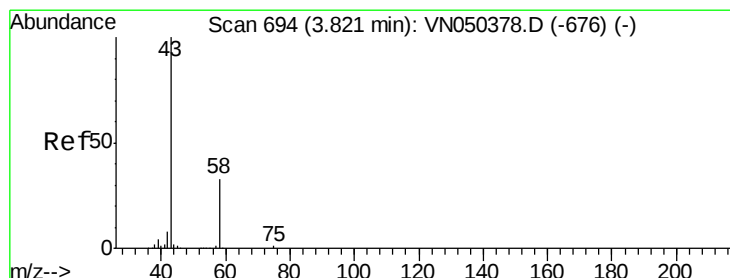
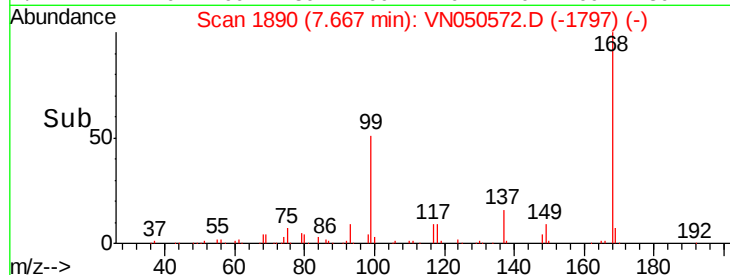
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.20 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050572.D

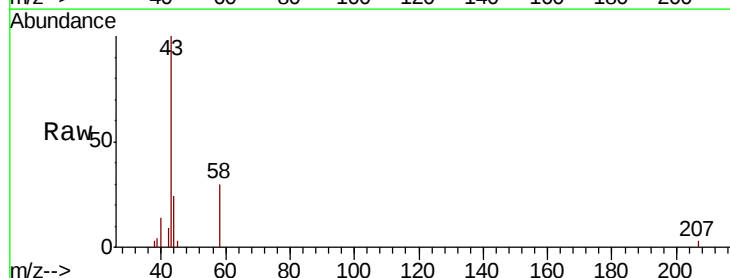
Acq: 13 Aug 2018 16:47

Tgt Ion: 43 Resp: 13920

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050572.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050572.D (-601) (-)

3.83

5000

4000

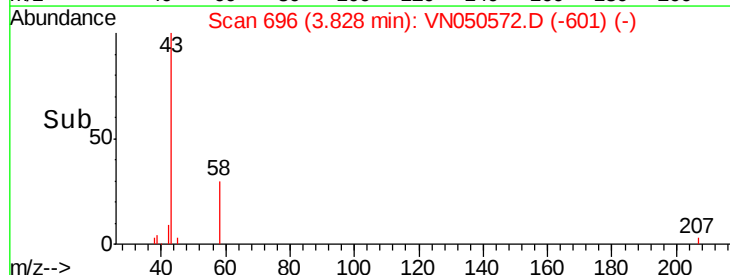
3000

2000

1000

0

Time-->

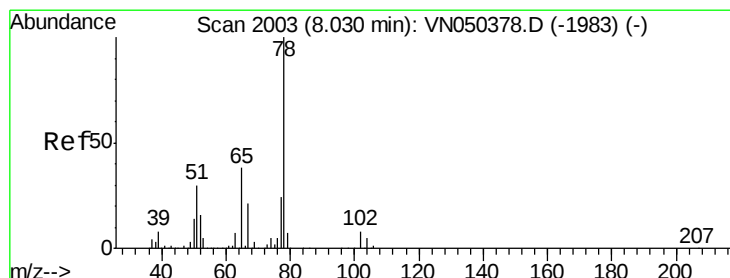
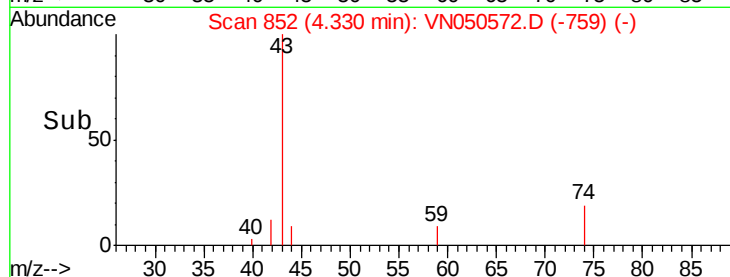
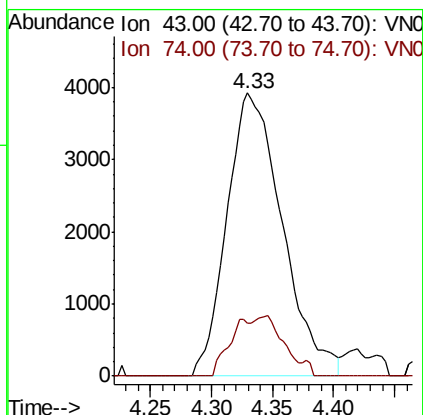
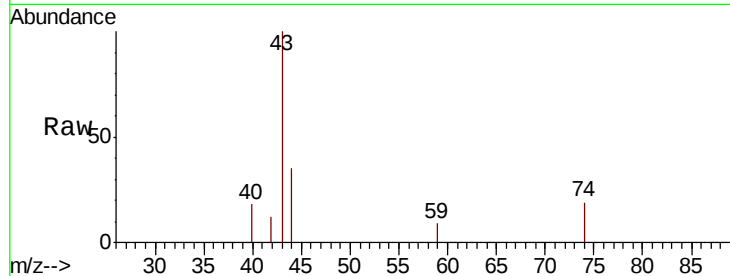




#18
Methvl Acetate
Concen: 1.71 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050572.D
Acq: 13 Aug 2018 16:47

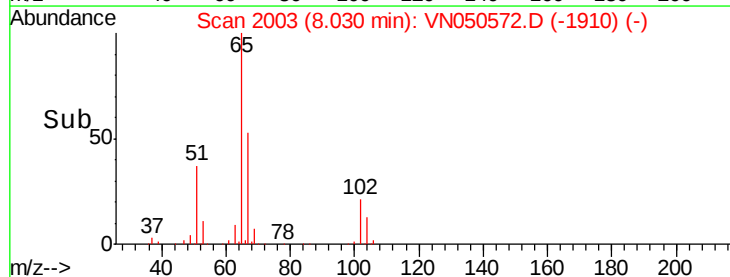
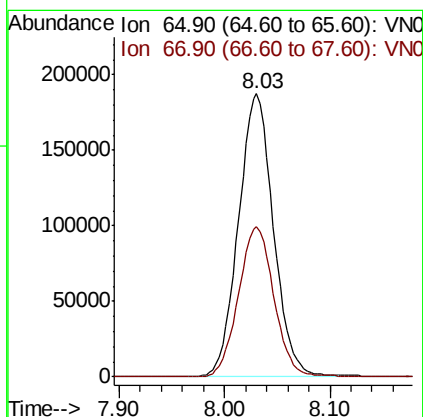
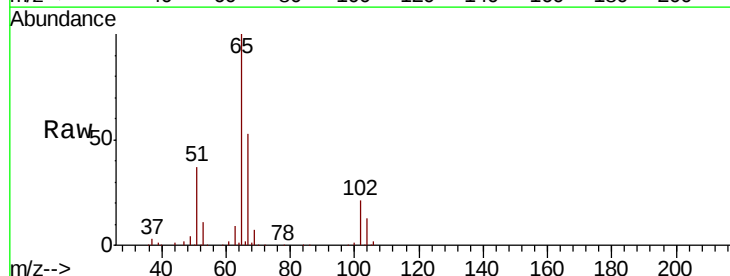
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#05

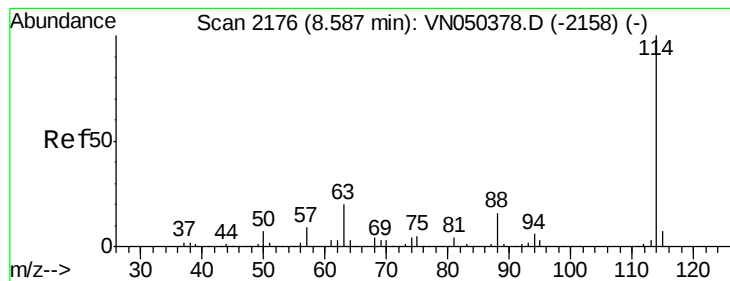
Tot Ion: 43 Resp: 12370
Ion Ratio Lower Upper
43 100
74 7.3 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050572.D
Acq: 13 Aug 2018 16:47

Tgt Ion: 65 Resp: 432102
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#05

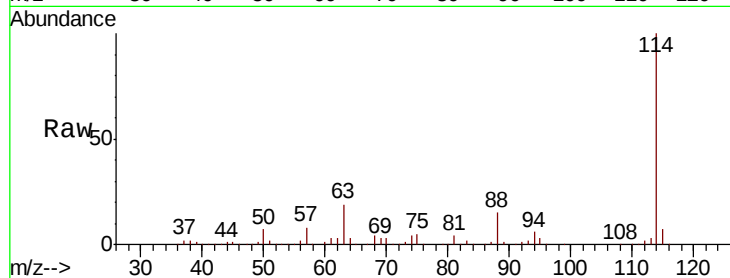
Tot Ion:114 Resp: 1039013

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

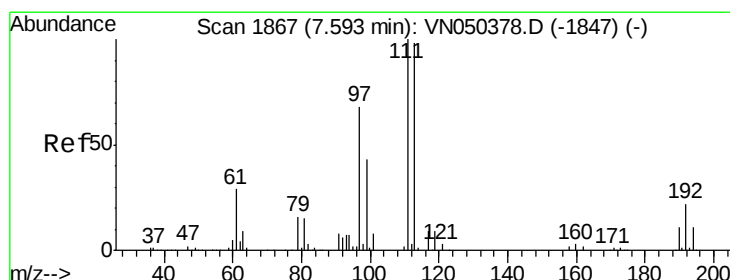
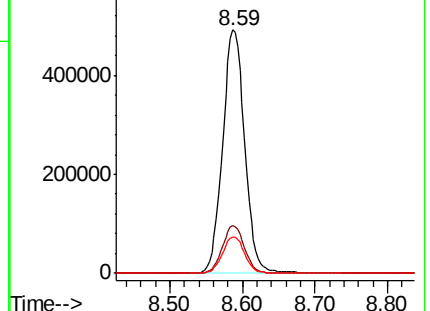
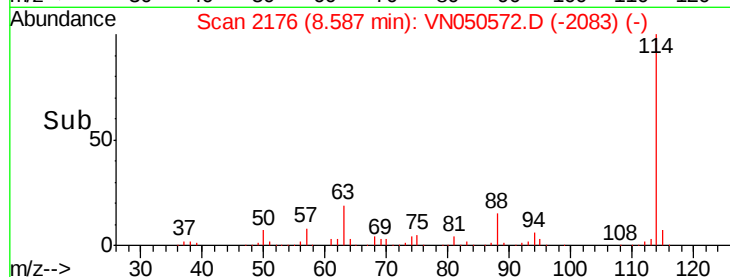
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.39 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

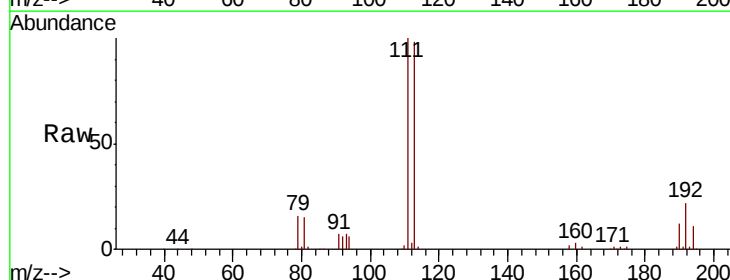
Tgt Ion:113 Resp: 403398

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

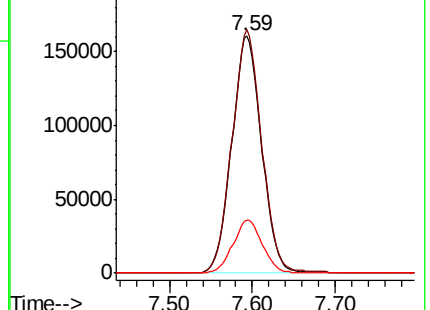
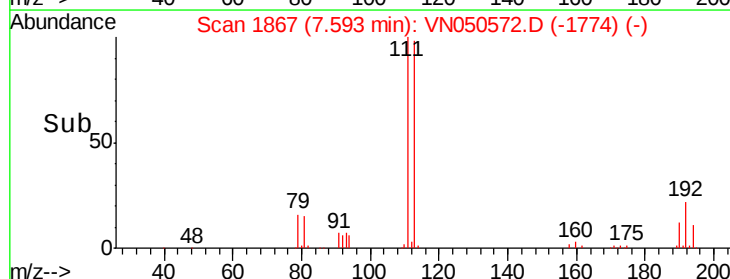
192 22.0 17.8 26.6

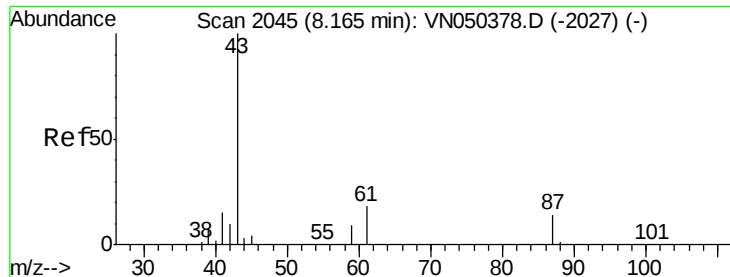


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 16.70 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#05

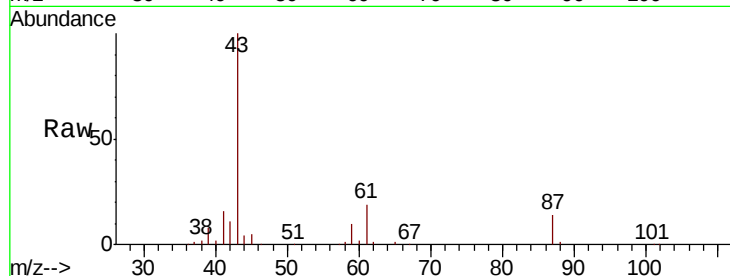
Tot Ion: 43 Resp: 237017

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.6

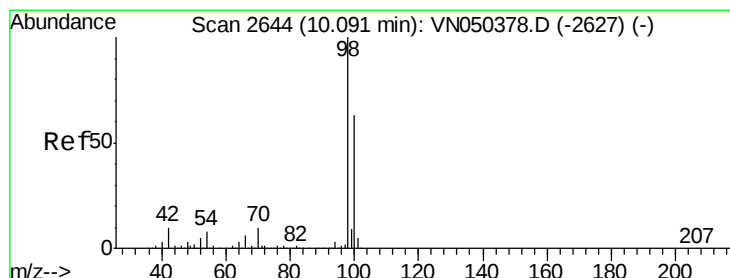
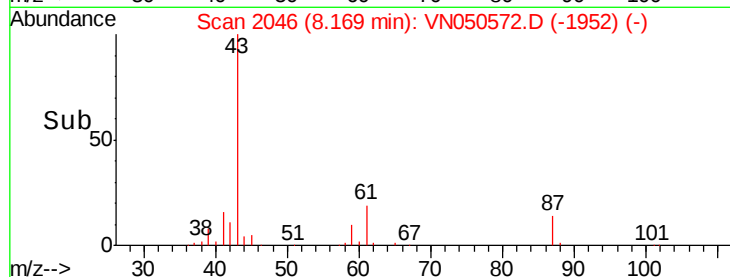
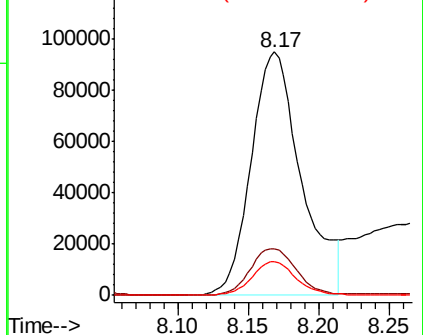
87 12.1 10.3 15.5



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: 45.16 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050572.D

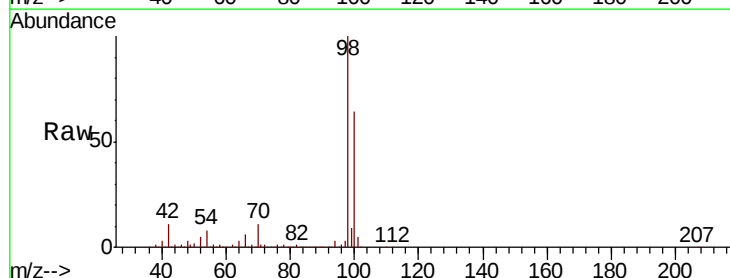
Acq: 13 Aug 2018 16:47

Tgt Ion: 98 Resp: 1415623

Ion Ratio Lower Upper

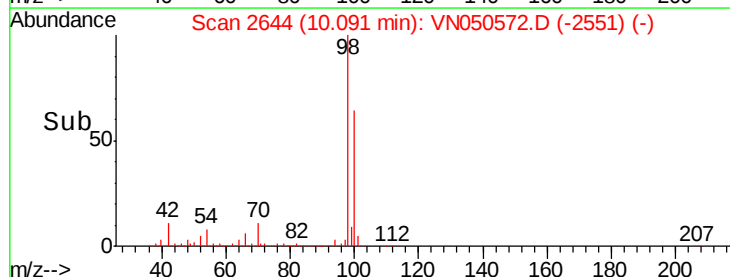
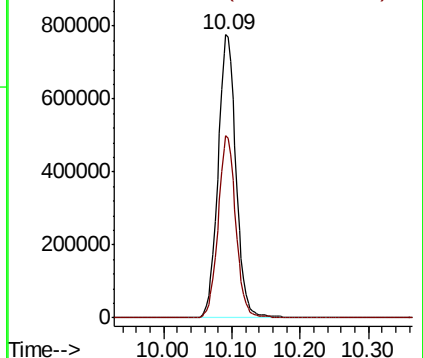
98 100

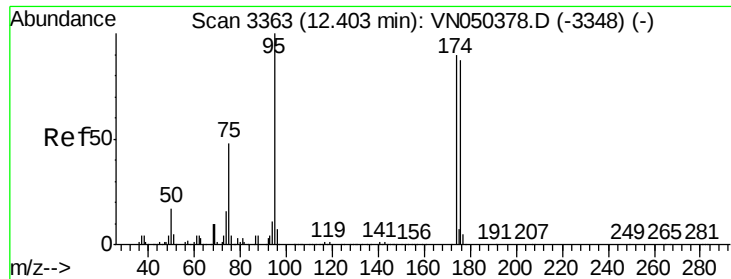
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#05

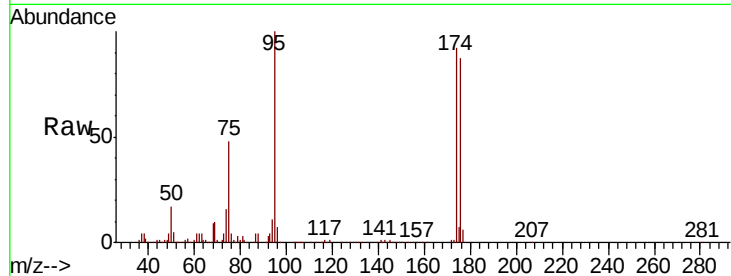
Tot Ion: 95 Resp: 392109

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

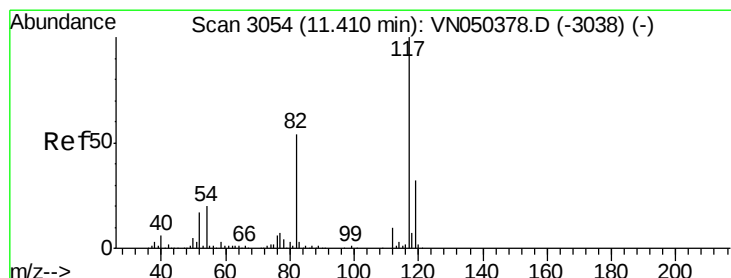
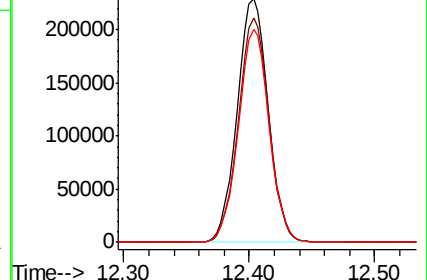
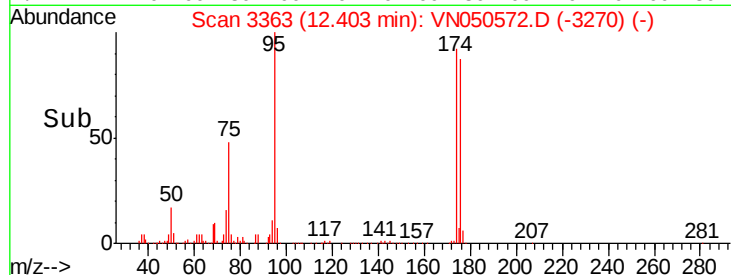
176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050572.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050572.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050572.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

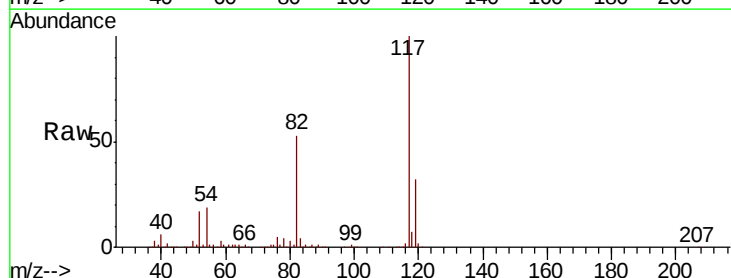
Tgt Ion: 117 Resp: 885729

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

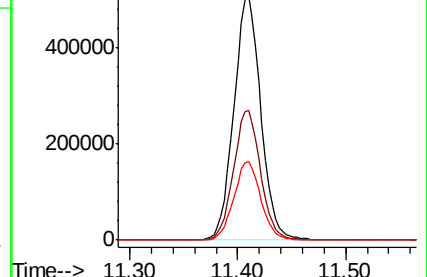
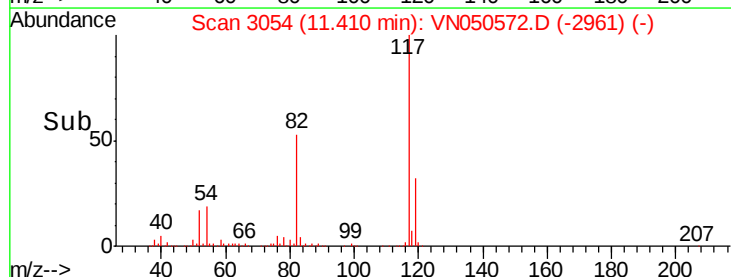
119 32.1 26.1 39.1

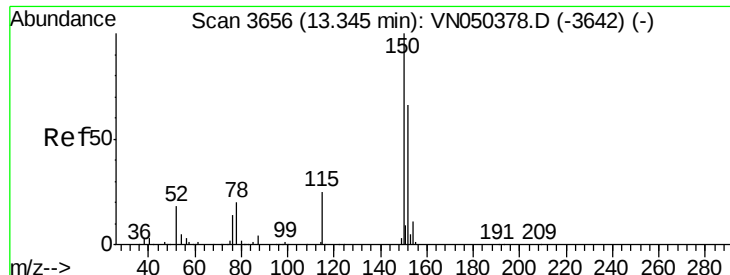


Abundance Ion 116.90 (116.60 to 117.60): VN050572.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050572.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050572.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050572.D

Acq: 13 Aug 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#05

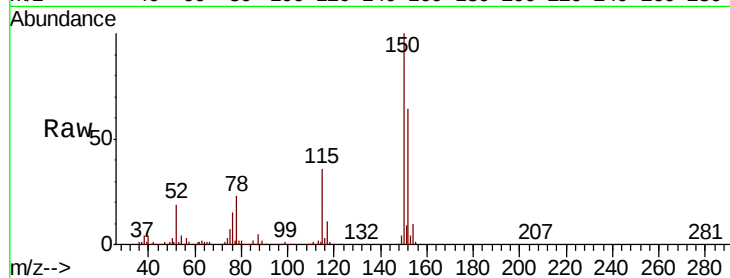
Tot Ion:152 Resp: 318333

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

150 156.5 0.0 348.6



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

