

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052327.D
 Acq On : 14 Nov 2018 21:35
 Operator : MD\SY
 Sample : J5925-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5S

Quant Time: Nov 15 03:53:29 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

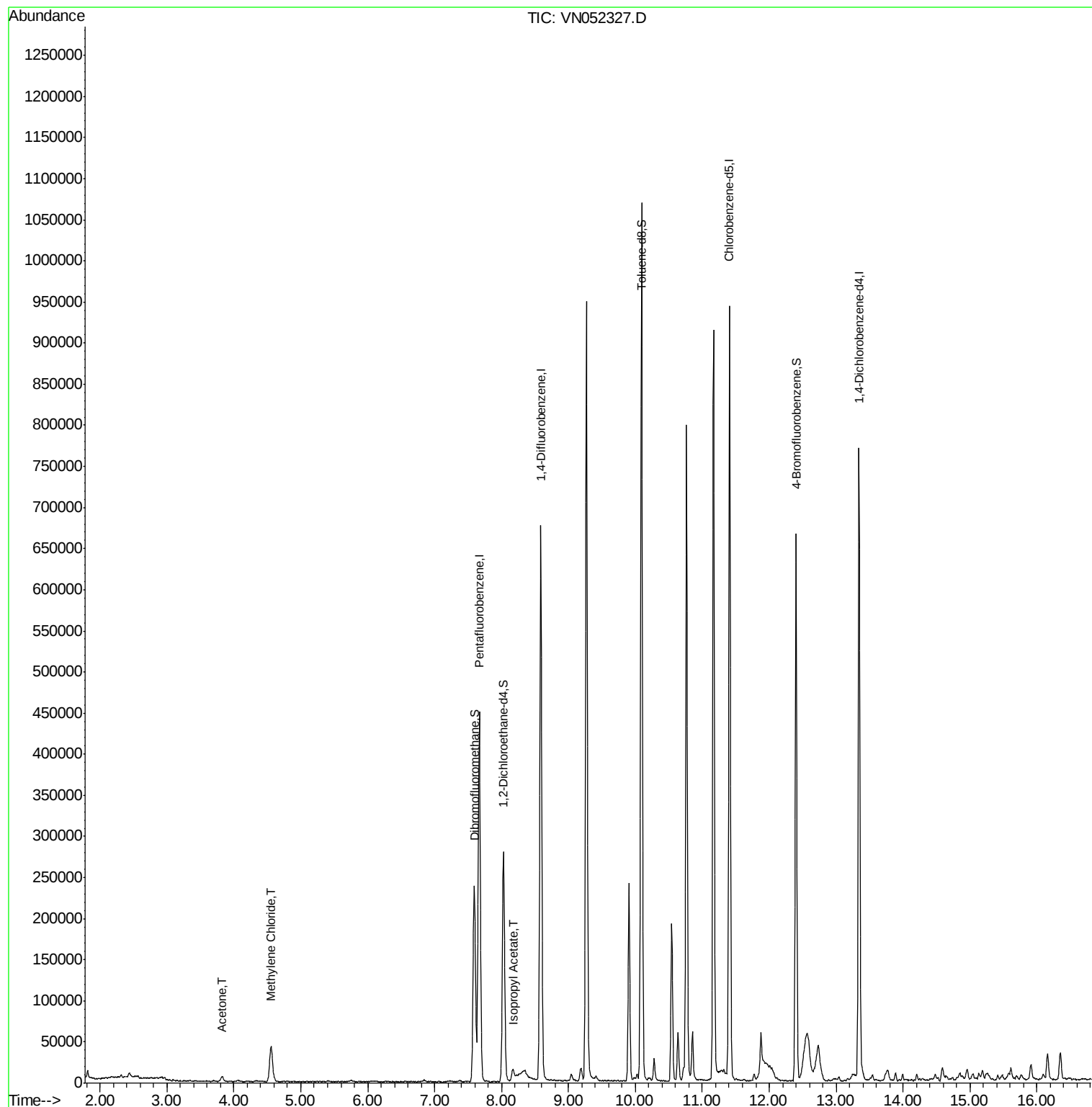
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	333265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	559721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	483593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	229277	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	176618	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.09	98	705447	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.40	95	214301	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
Target Compounds						
16) Acetone	3.82	43	10250	7.909	ug/l	94
20) Methylene Chloride	4.55	84	28840	6.708	ug/l	97
43) Isopropyl Acetate	8.17	43	22825	2.905	ug/l #	94

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

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QLast Update : Thu Nov 15 03:02:37 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

Instrument :

MSVOA_N

ClientSampled :

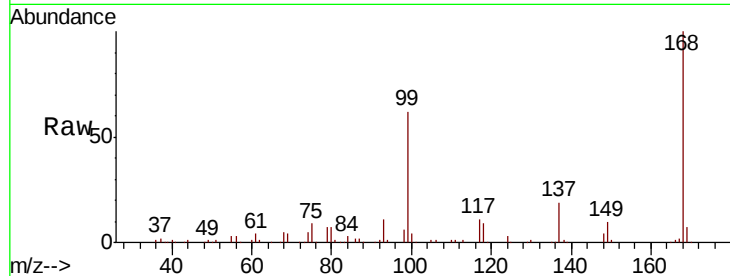
TP-5S

Tot Ion:168 Resp: 333265

Ion Ratio Lower Upper

168 100

99 62.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052327.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052327.D (-1740) (-)

7.67

150000

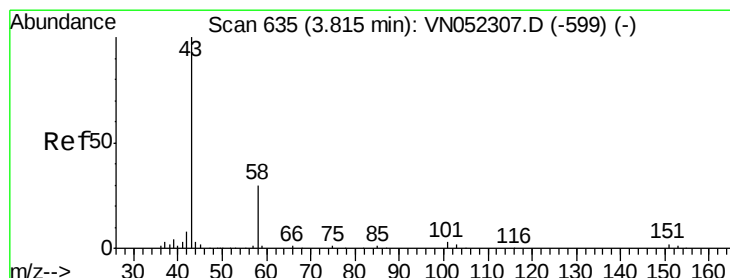
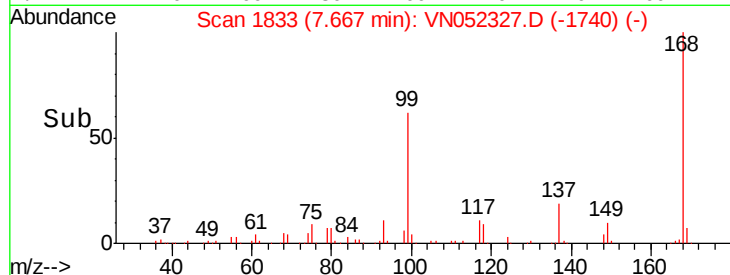
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.909 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052327.D

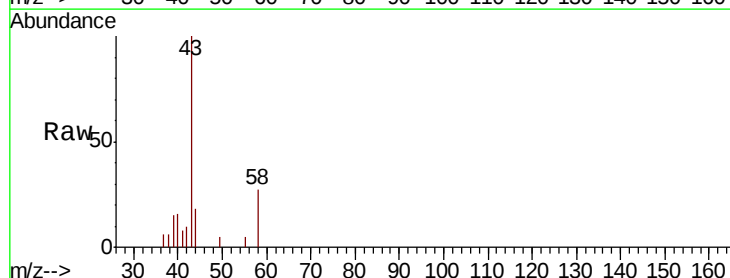
Acq: 14 Nov 2018 21:35

Tgt Ion: 43 Resp: 10250

Ion Ratio Lower Upper

43 100

58 26.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052327.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052327.D (-542) (-)

3.82

4000

3000

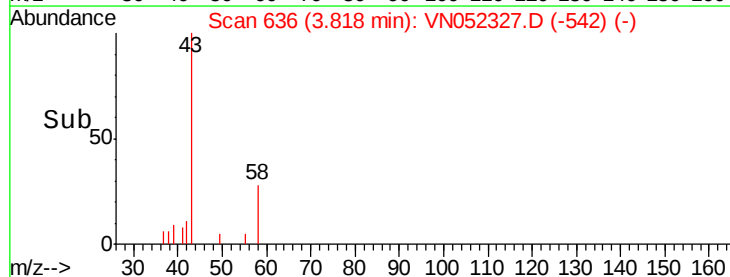
2000

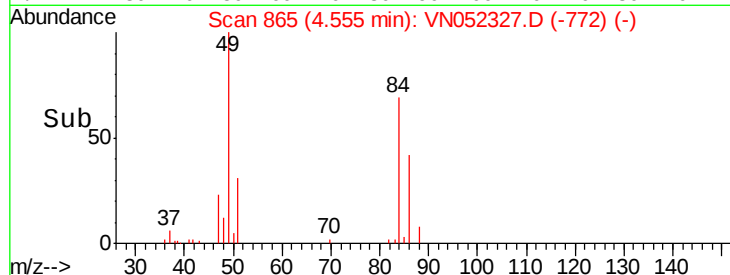
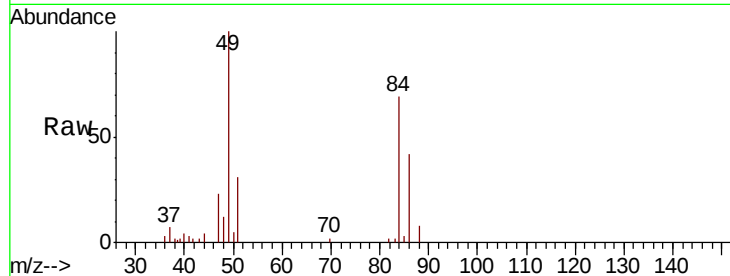
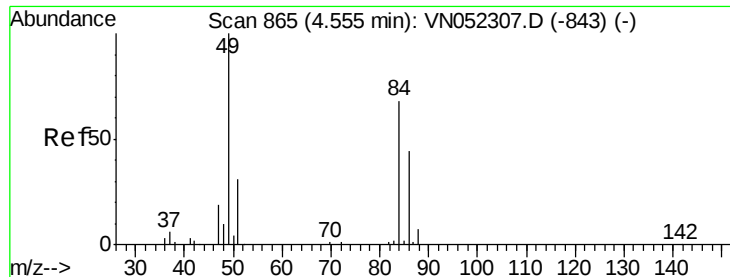
1000

0

3.75 3.80 3.85 3.90

Time-->

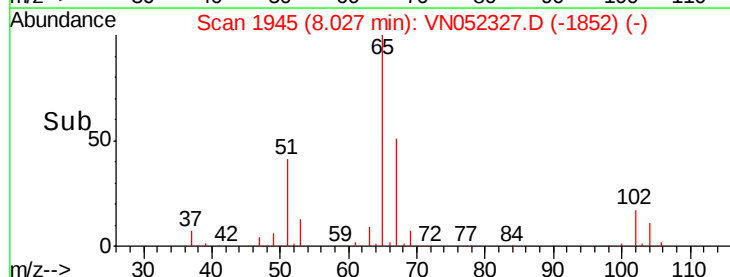
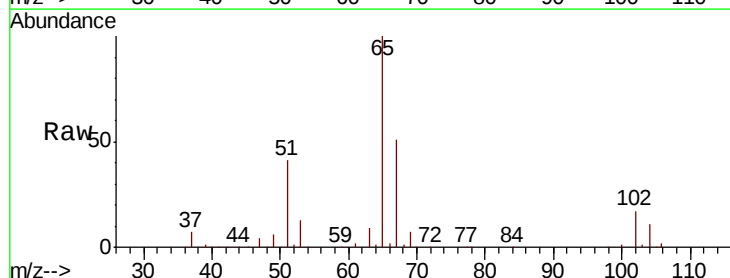
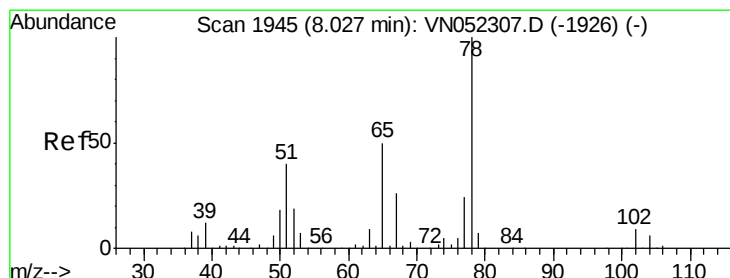
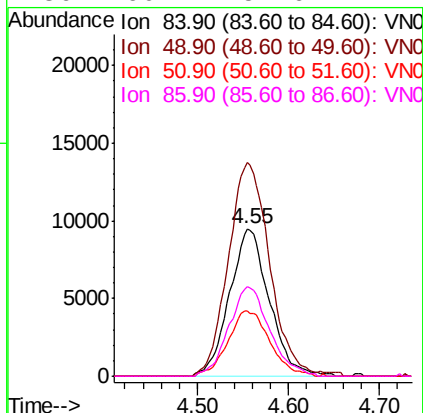




#20
Methvlene Chloride
Concen: 6.708 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052327.D
Acq: 14 Nov 2018 21:35

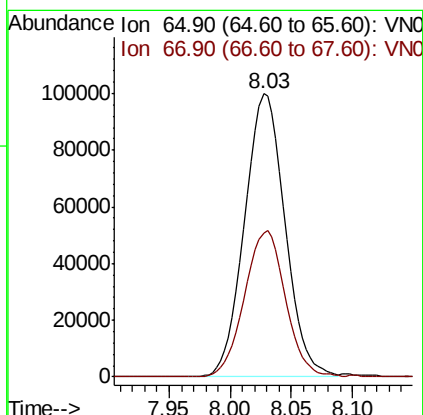
Instrument :
MSVOA_N
ClientSampleId :
TP-5S

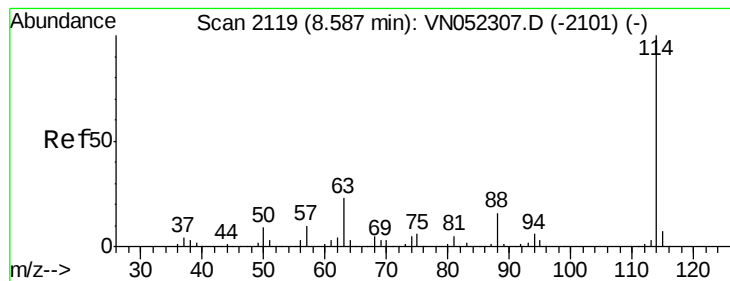
Tot Ion: 84 Resp: 28840
Ion Ratio Lower Upper
84 100
49 145.0 118.2 177.2
51 44.5 36.1 54.1
86 60.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052327.D
Acq: 14 Nov 2018 21:35

Tgt Ion: 65 Resp: 229277
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

TP-5S

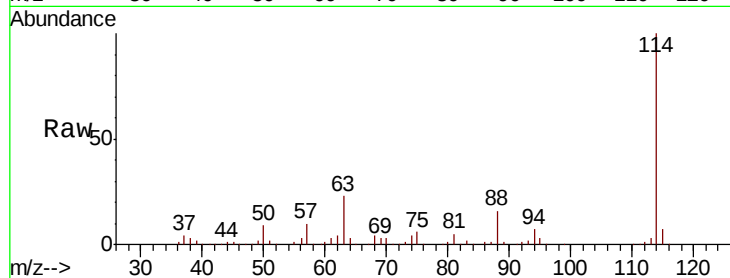
Tot Ion:114 Resp: 559721

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.4

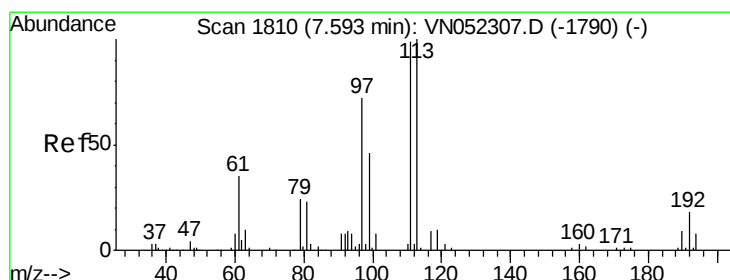
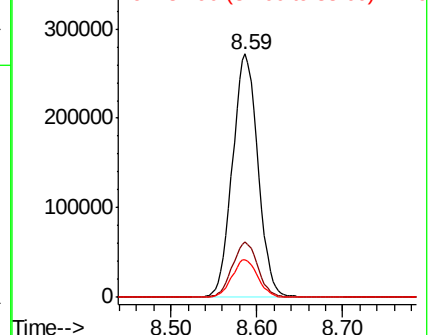
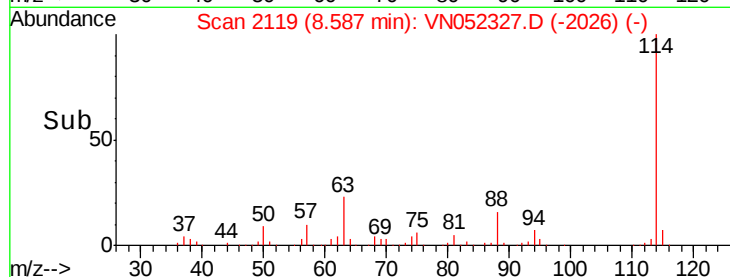
88 15.5 0.0 31.2



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

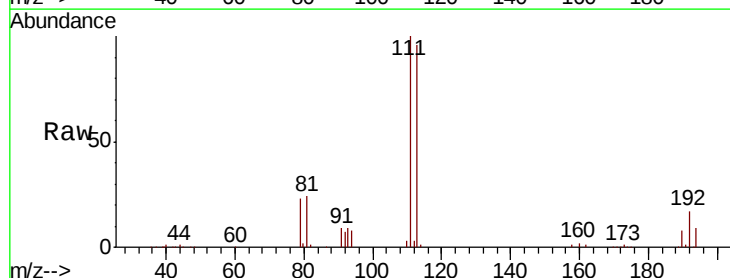
Tgt Ion:113 Resp: 176618

Ion Ratio Lower Upper

113 100

111 101.1 81.0 121.6

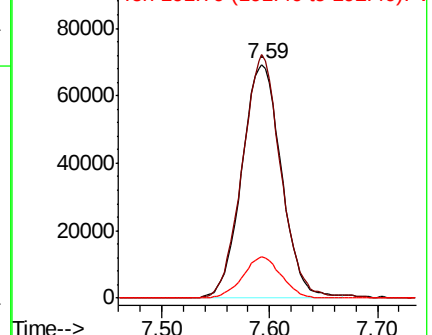
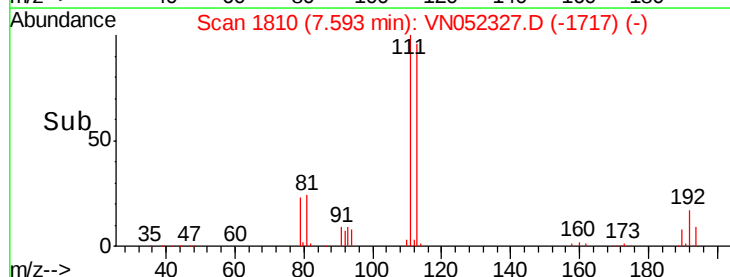
192 17.2 13.8 20.6

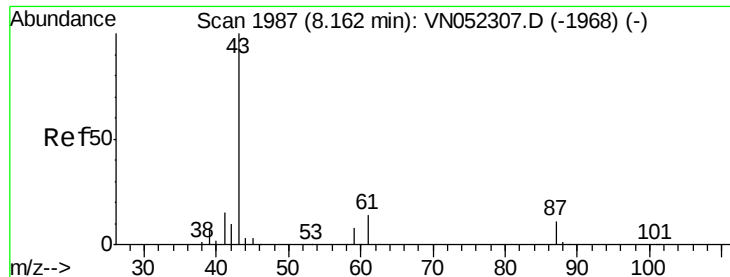


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.905 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

TP-5S

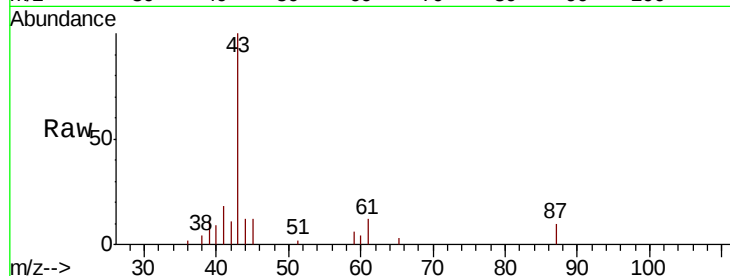
Tot Ion: 43 Resp: 22825

Ion Ratio Lower Upper

43 100

61 12.8 12.0 18.0

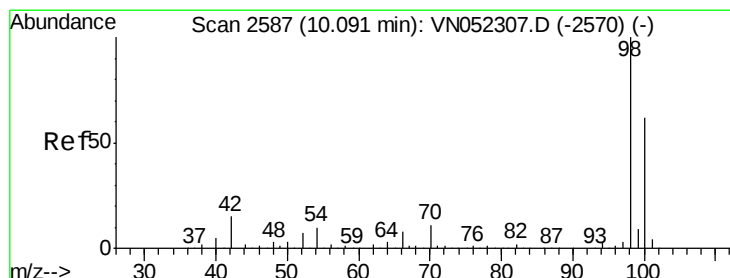
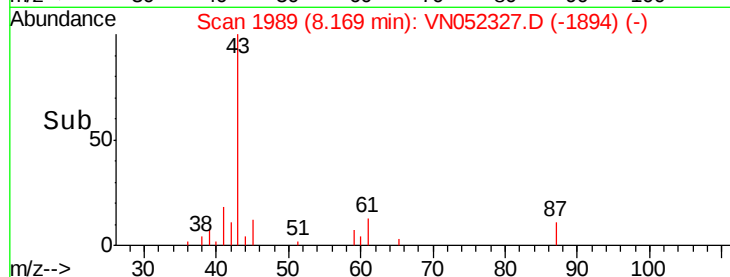
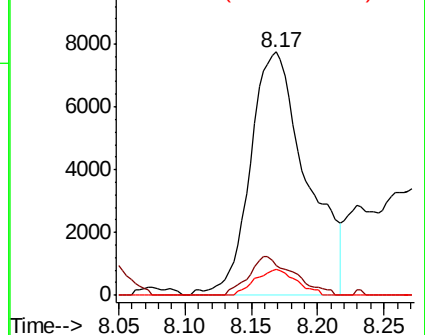
87 7.8 8.3 12.5#



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: VN052327.D

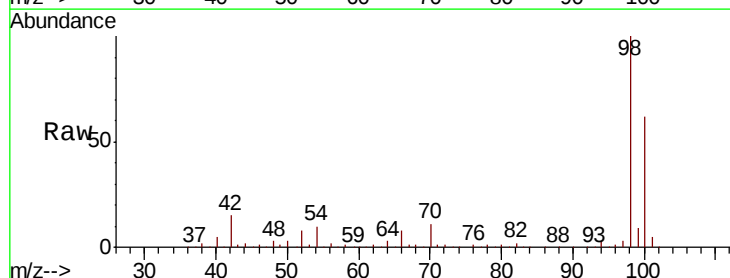
Acq: 14 Nov 2018 21:35

Tgt Ion: 98 Resp: 705447

Ion Ratio Lower Upper

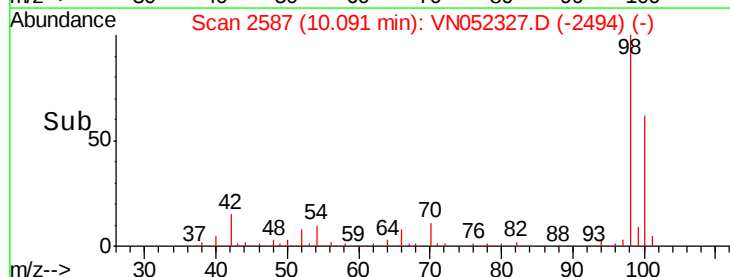
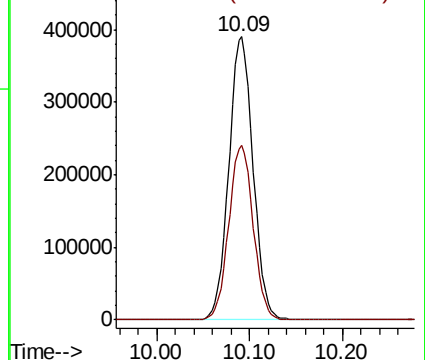
98 100

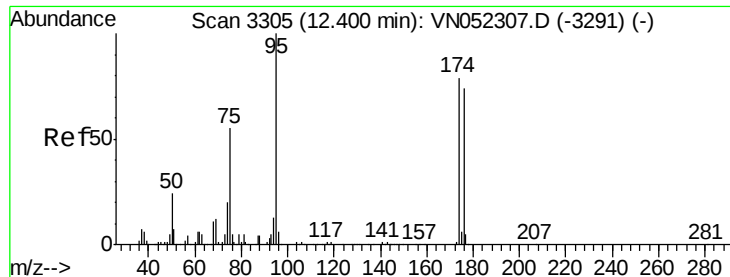
100 62.2 49.5 74.3



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: VN052327.D

Acq: 14 Nov 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

TP-5S

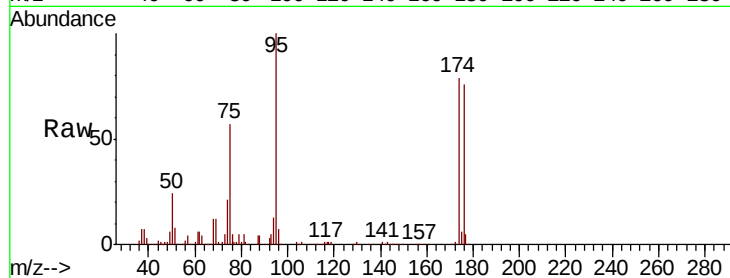
Tot Ion: 95 Resp: 214301

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.0

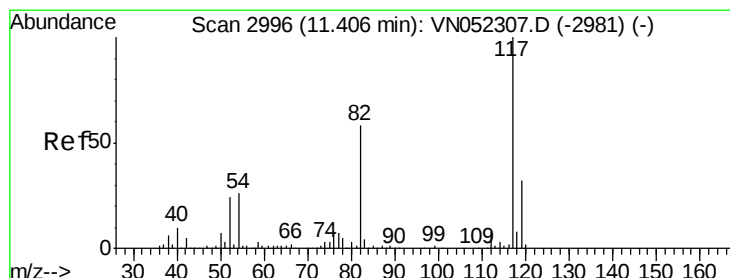
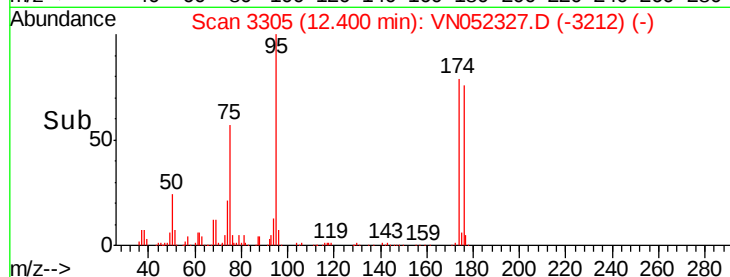
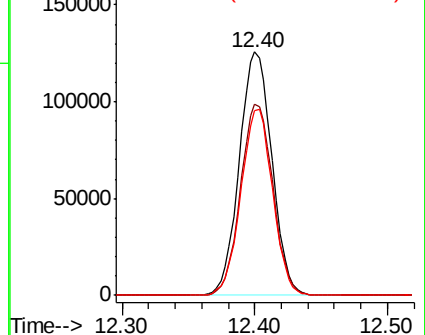
176 74.5 0.0 148.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

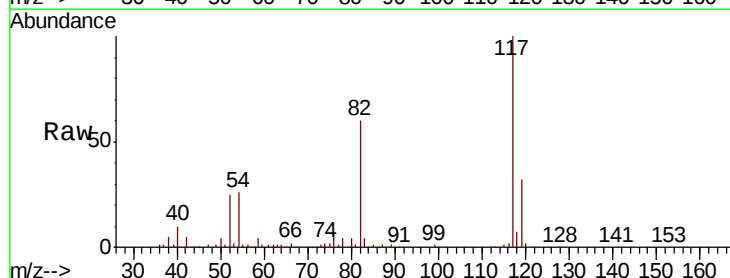
Tgt Ion: 117 Resp: 483593

Ion Ratio Lower Upper

117 100

82 59.5 46.5 69.7

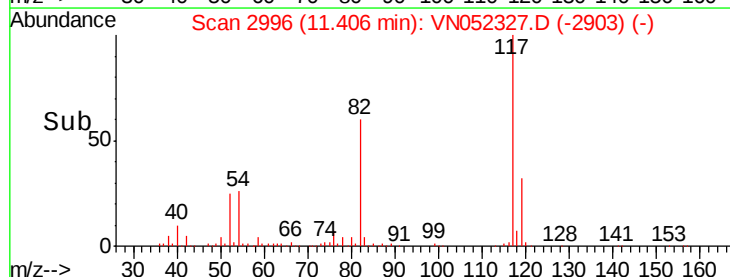
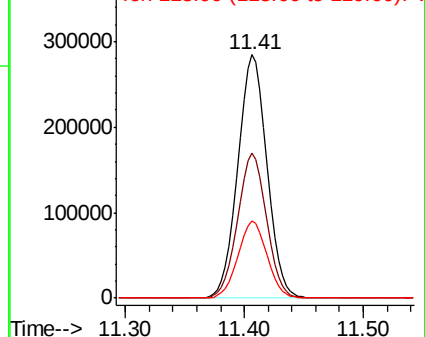
119 31.6 25.7 38.5

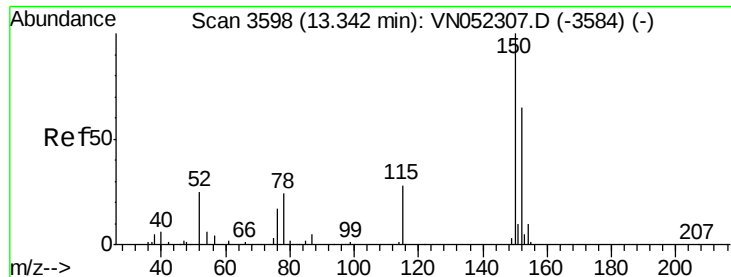


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052327.D

Acq: 14 Nov 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

TP-5S

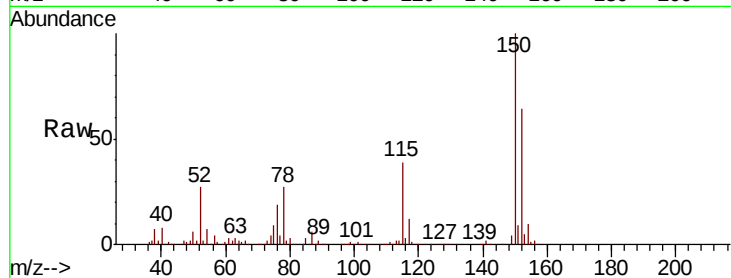
Tot Ion:152 Resp: 183358

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 157.6 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

