

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052787.D
 Acq On : 11 Dec 2018 7:37
 Operator : MD\SY
 Sample : J6316-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-3

Quant Time: Dec 11 10:49:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

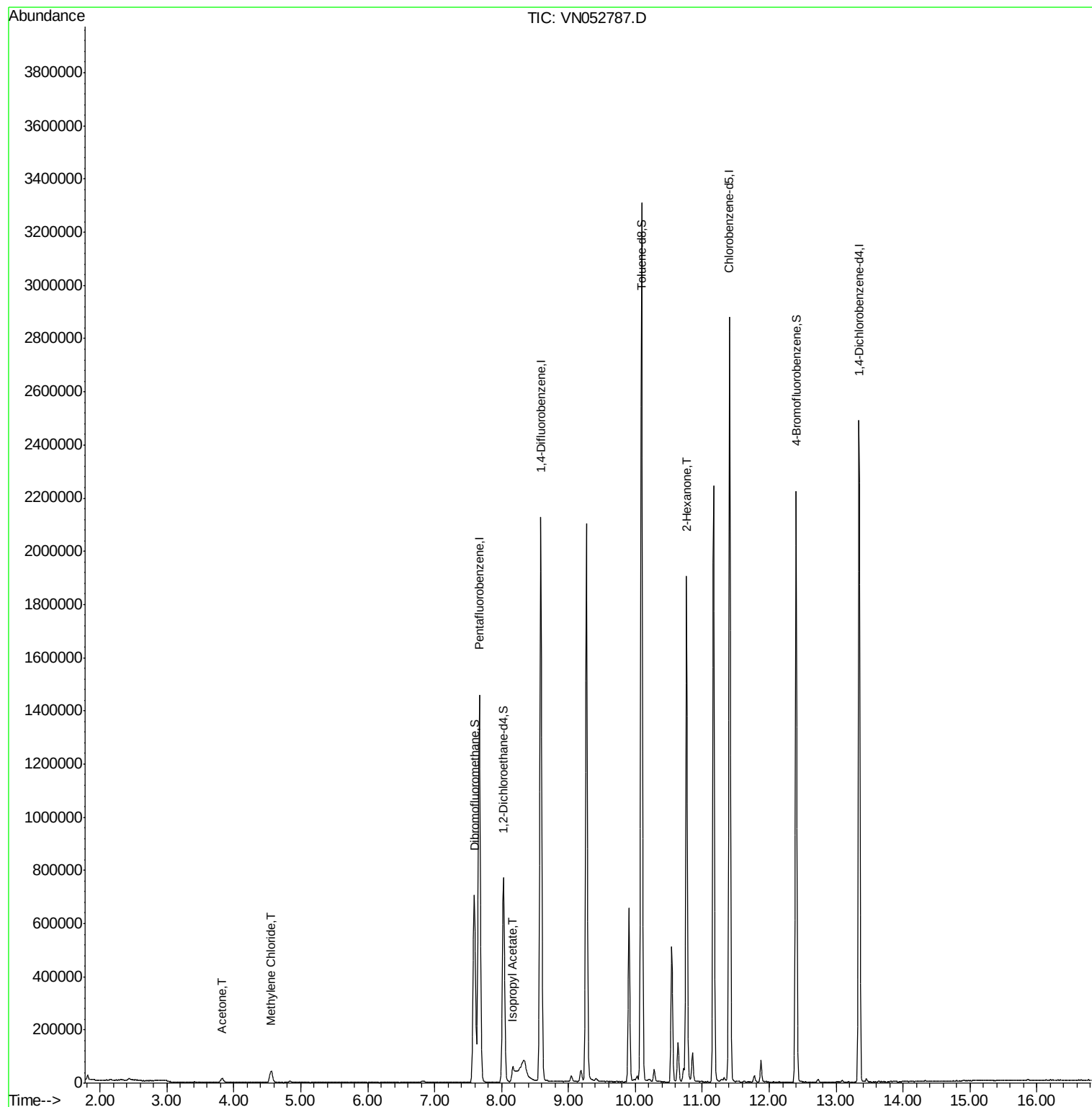
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1260785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1954841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1728082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	695567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	647250	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	548425	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
50) Toluene-d8	10.09	98	2399729	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	767818	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
16) Acetone	3.82	43	30632	8.460	ug/l	94
20) Methylene Chloride	4.56	84	35578	2.511	ug/l	95
43) Isopropyl Acetate	8.17	43	77172	4.048	ug/l #	72
59) 2-Hexanone	10.76	43	273975	38.161	ug/l #	52

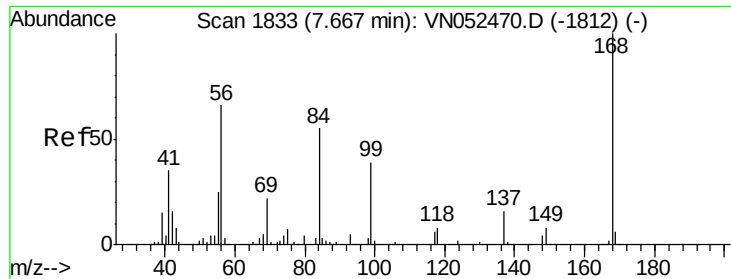
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052787.D

Acq: 11 Dec 2018 7:37

Instrument :

MSVOA_N

ClientSampleId :

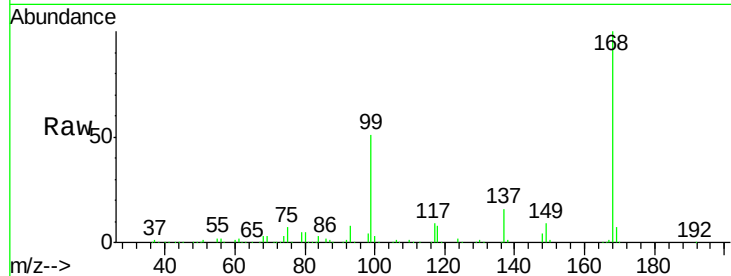
AVE-X-B-BALL-FIELD-S-3

Tot Ion:168 Resp: 1260785

Ion Ratio Lower Upper

168 100

99 50.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052787.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052787.D (-1740) (-)

7.67

600000

500000

400000

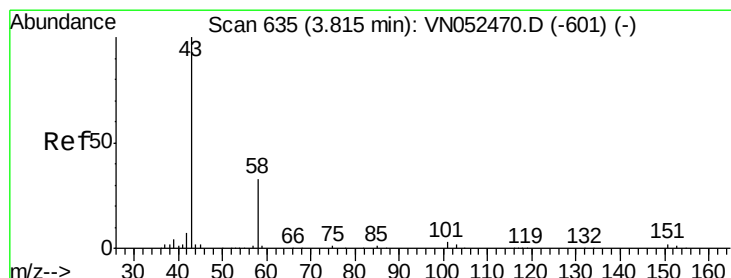
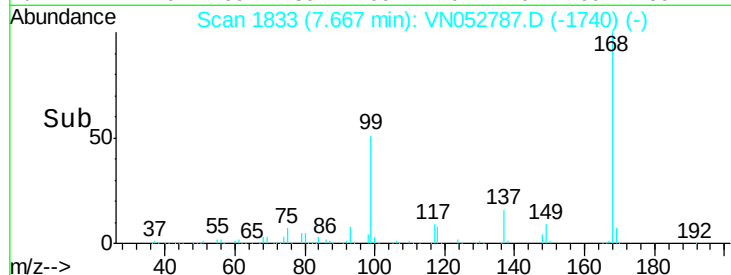
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.460 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052787.D

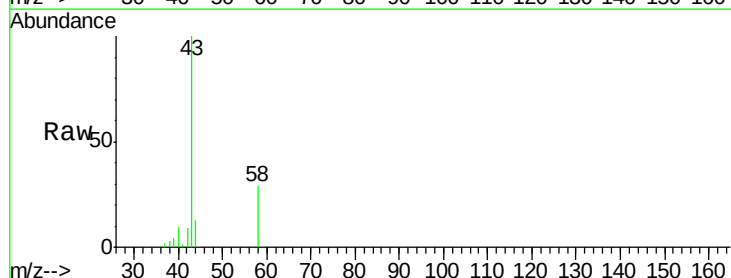
Acq: 11 Dec 2018 7:37

Tgt Ion: 43 Resp: 30632

Ion Ratio Lower Upper

43 100

58 29.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052787.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052787.D (-542) (-)

3.82

12000

10000

8000

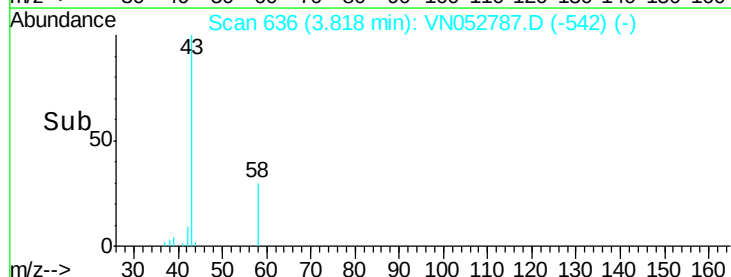
6000

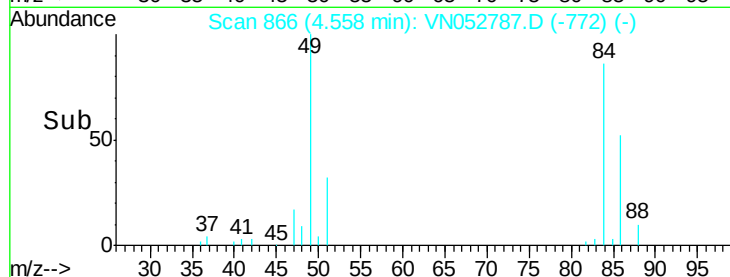
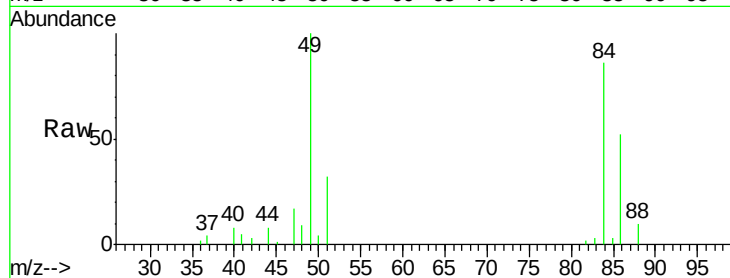
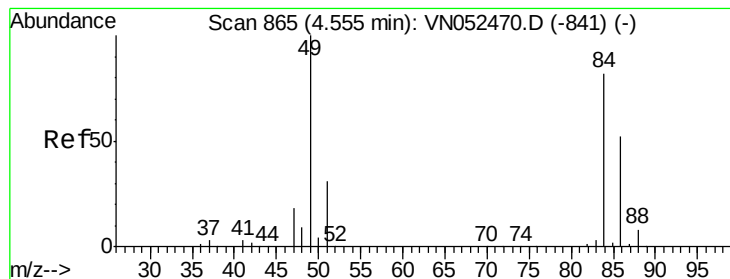
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.511 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052787.D

Acq: 11 Dec 2018 7:37

Instrument :

MSVOA_N

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion: 84 Resp: 35578

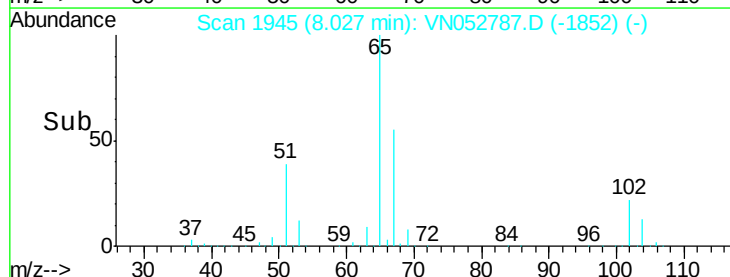
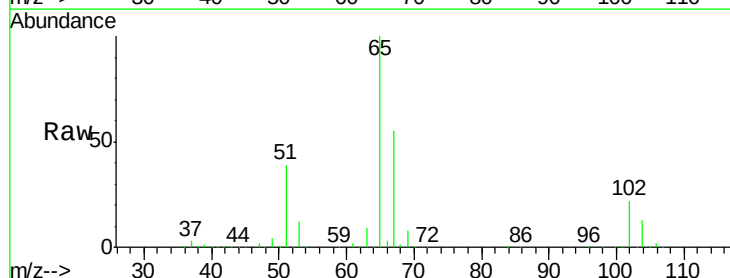
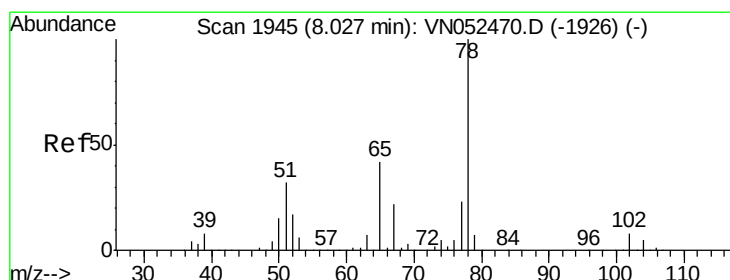
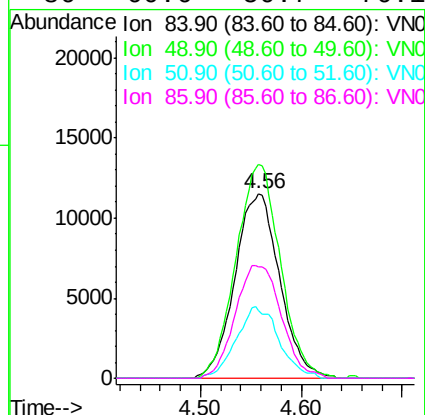
Ion Ratio Lower Upper

84 100

49 115.7 98.0 147.0

51 36.7 30.1 45.1

86 60.6 50.7 76.1



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052787.D

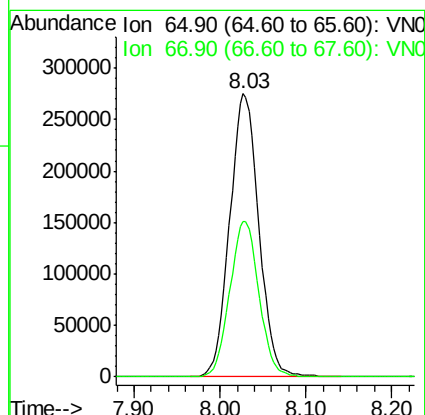
Acq: 11 Dec 2018 7:37

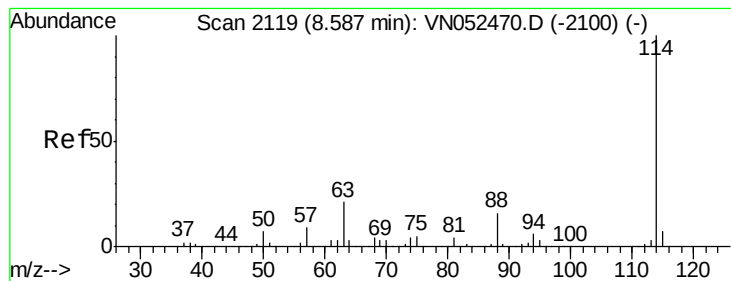
Tgt Ion: 65 Resp: 647250

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052787.D

Acq: 11 Dec 2018 7:37

Instrument :

MSVOA_N

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

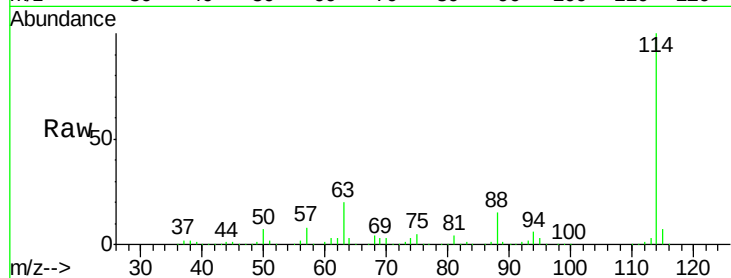
Tot Ion:114 Resp: 1954841

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

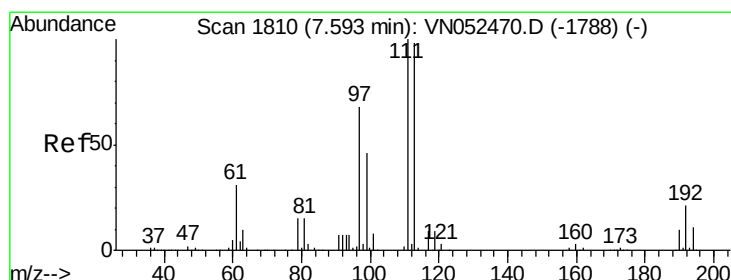
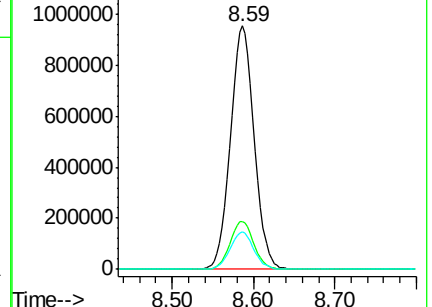
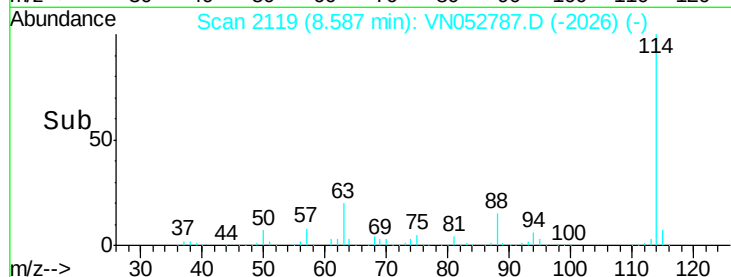
88 15.4 0.0 31.6



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: VN052787.D

Acq: 11 Dec 2018 7:37

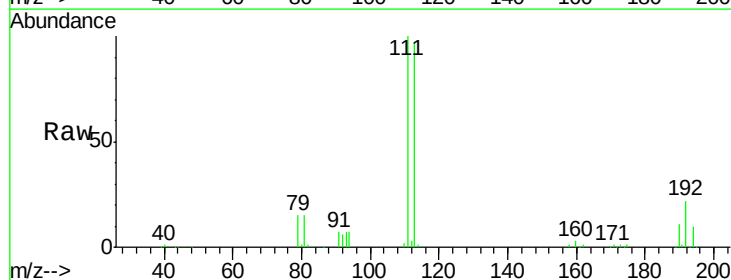
Tgt Ion:113 Resp: 548425

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

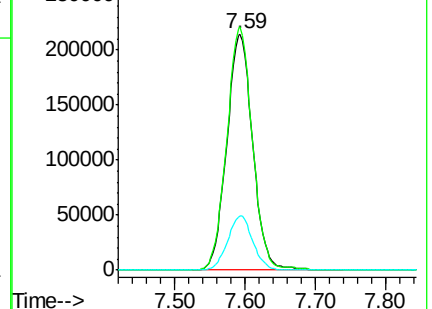
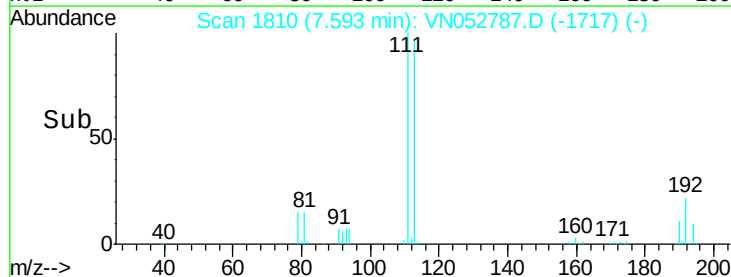
192 22.4 17.0 25.6

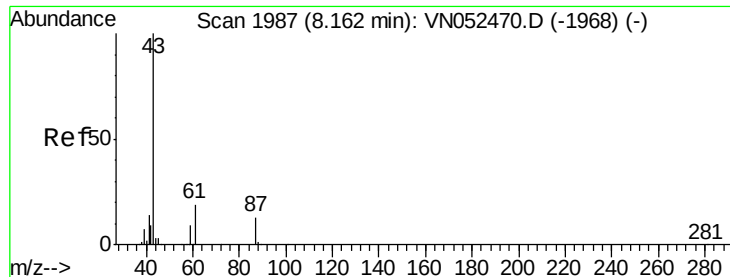


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.048 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052787.D

Acq: 11 Dec 2018 7:37

Instrument :

MSVOA_N

ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

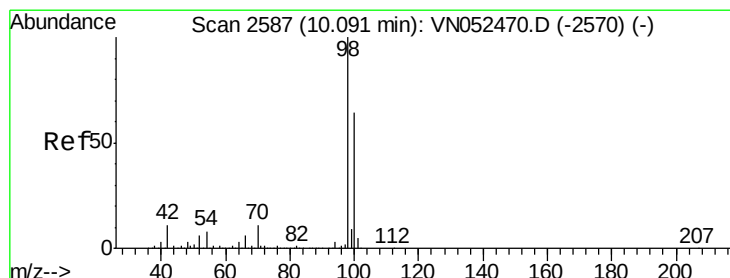
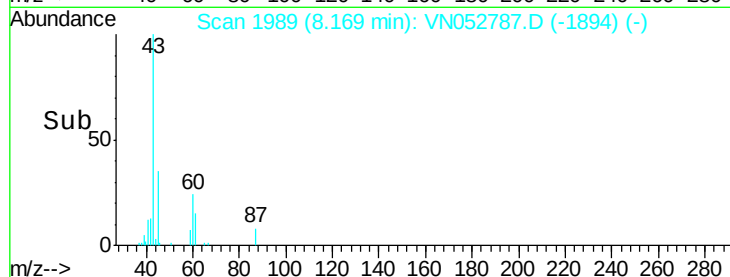
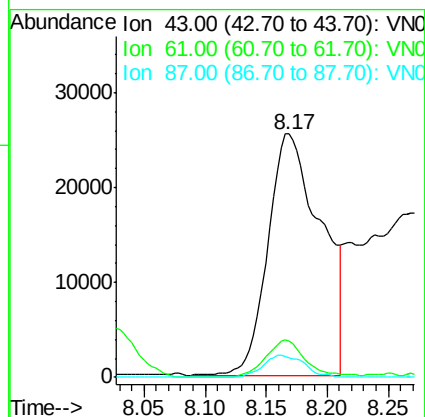
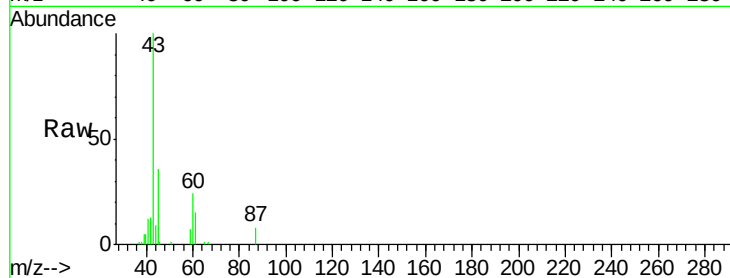
Tot Ion: 43 Resp: 77172

Ion Ratio Lower Upper

43 100

61 11.8 24.1 36.1#

87 7.0 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052787.D

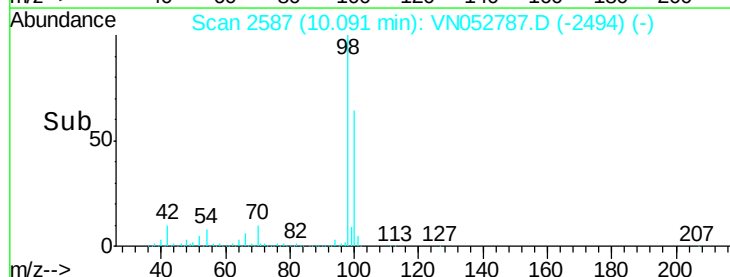
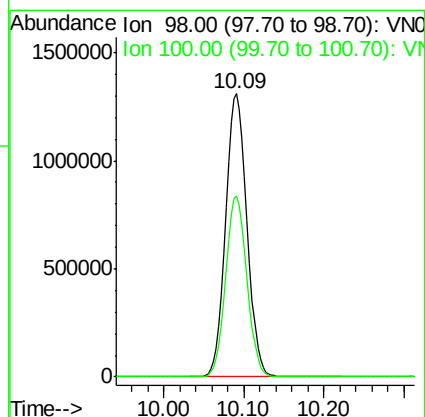
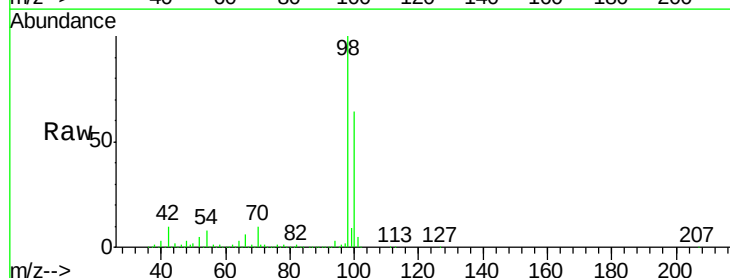
Acq: 11 Dec 2018 7:37

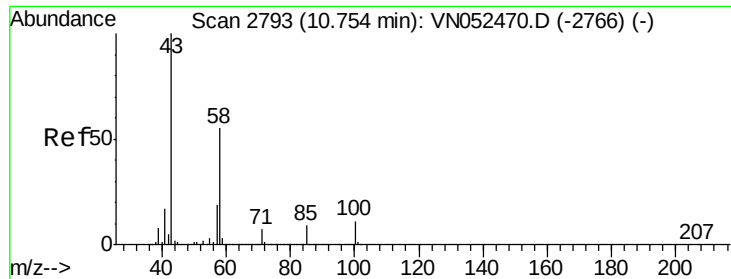
Tgt Ion: 98 Resp: 2399729

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9

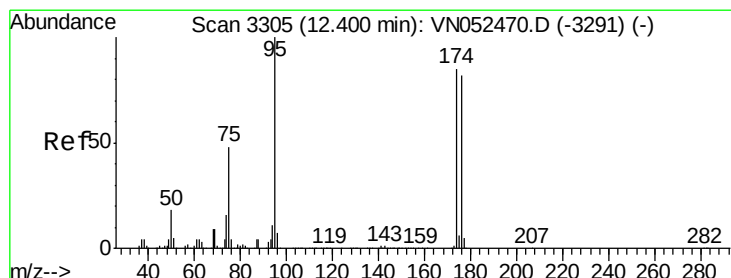
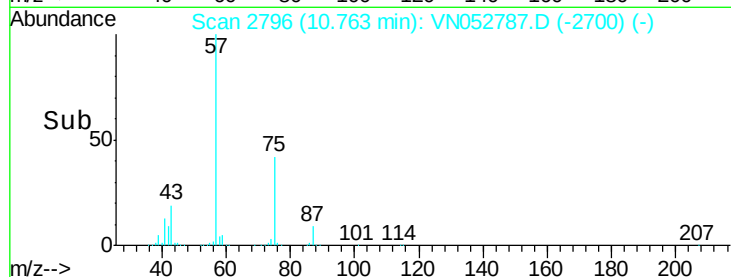
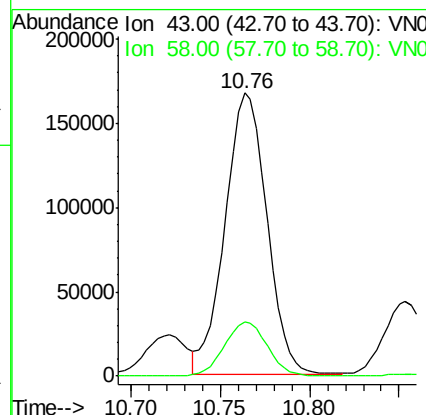
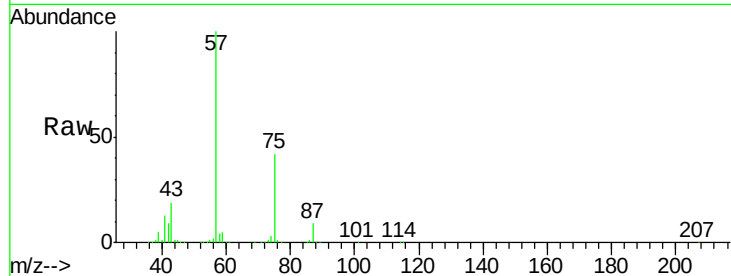




#59
2-Hexanone
Concen: 38.161 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052787.D
Acq: 11 Dec 2018 7:37

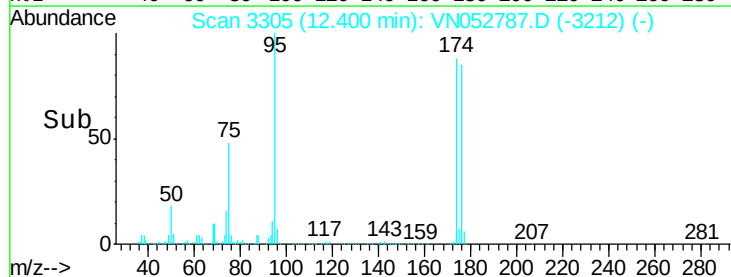
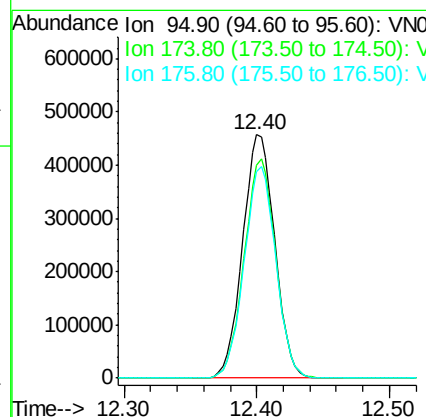
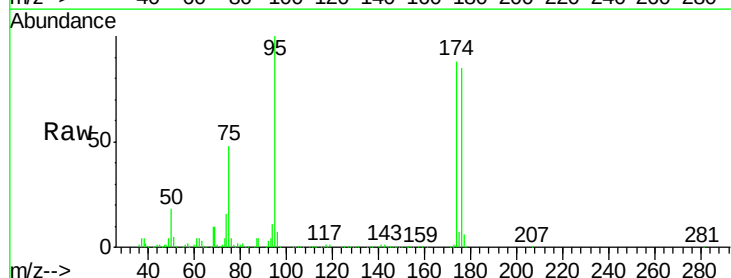
Instrument :
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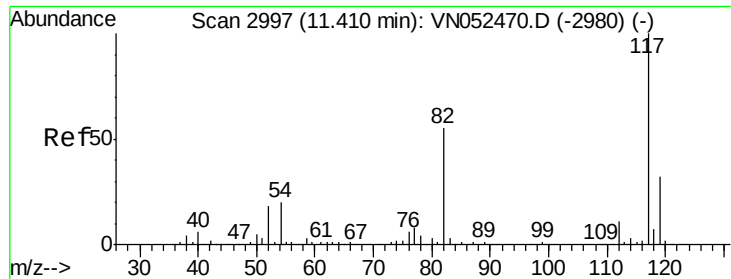
Tot Ion: 43 Resp: 273975
Ion Ratio Lower Upper
43 100
58 19.8 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052787.D
Acq: 11 Dec 2018 7:37

Tgt Ion: 95 Resp: 767818
Ion Ratio Lower Upper
95 100
174 88.5 0.0 173.0
176 85.7 0.0 166.2

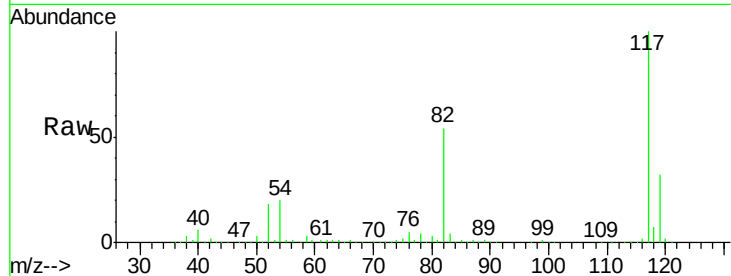




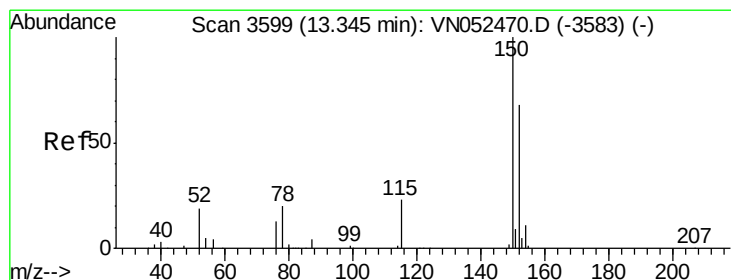
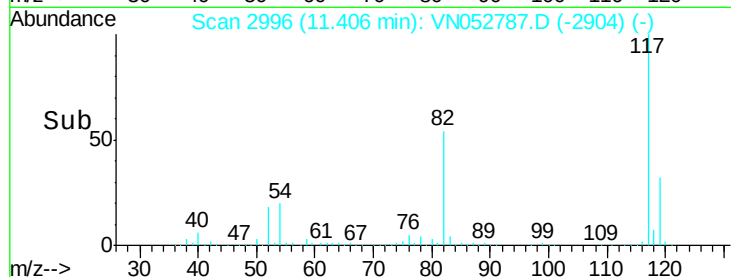
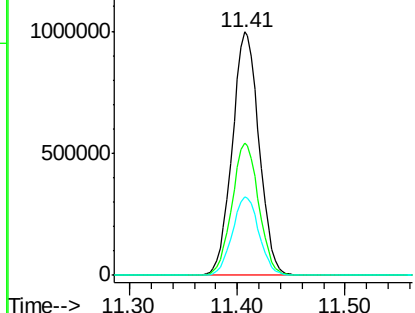
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052787.D
Acq: 11 Dec 2018 7:37

Instrument :
MSVOA_N
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion:117 Resp: 1728082
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.2 25.4 38.2

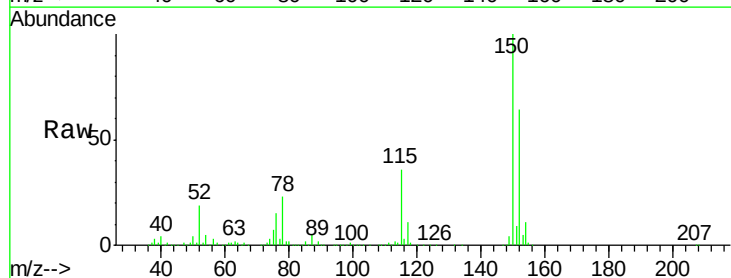


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052787.D
Acq: 11 Dec 2018 7:37

Tgt Ion:152 Resp: 695567
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 157.2 0.0 346.0



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

