

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052132.D
 Acq On : 2 Nov 2018 16:37
 Operator : MD\SY
 Sample : J5741-46
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Nov 02 23:39:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

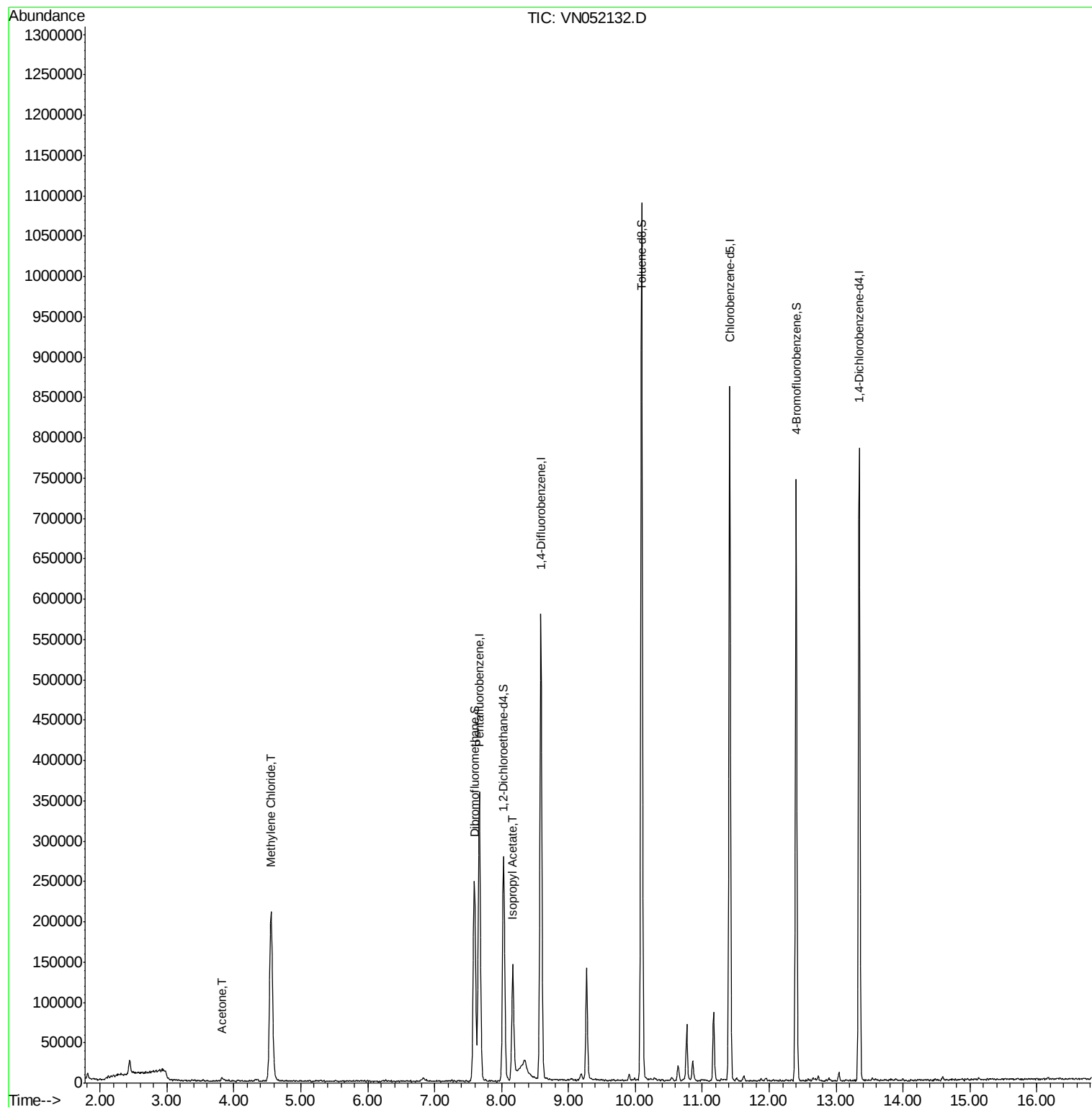
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	269350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	505546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233710	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	7.59	113	189011	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.52%	
50) Toluene-d8	10.09	98	757067	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
62) 4-Bromofluorobenzene	12.40	95	254461	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
Target Compounds						
16) Acetone	3.82	43	6111	6.624	ug/l	92
20) Methylene Chloride	4.56	84	156625	44.553	ug/l	95
43) Isopropyl Acetate	8.17	43	176528	28.847	ug/l	97

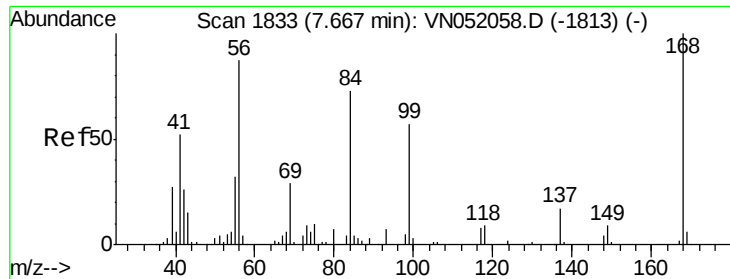
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052132.D

Acq: 2 Nov 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

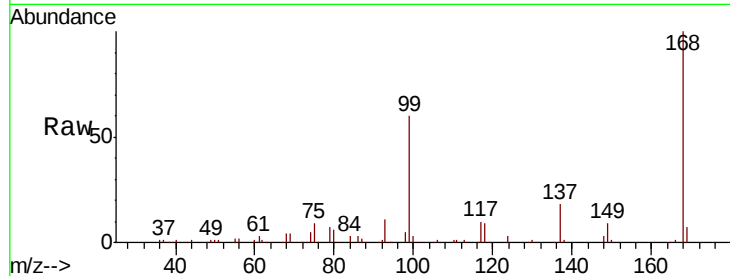
TP-11

Tot Ion:168 Resp: 269350

Ion Ratio Lower Upper

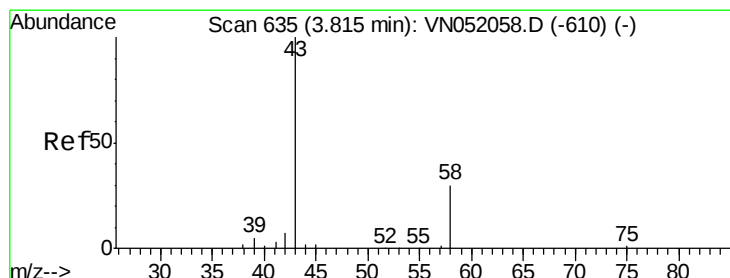
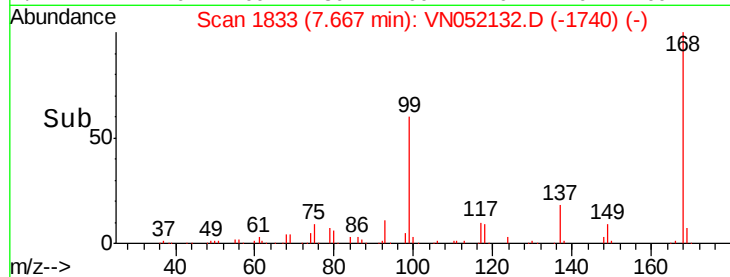
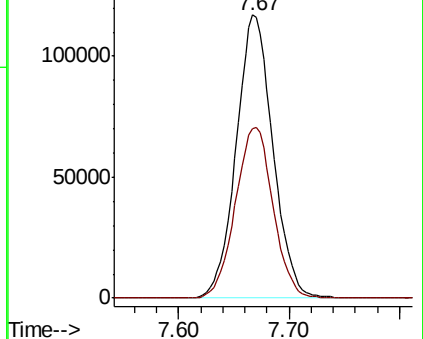
168 100

99 59.9 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.624 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052132.D

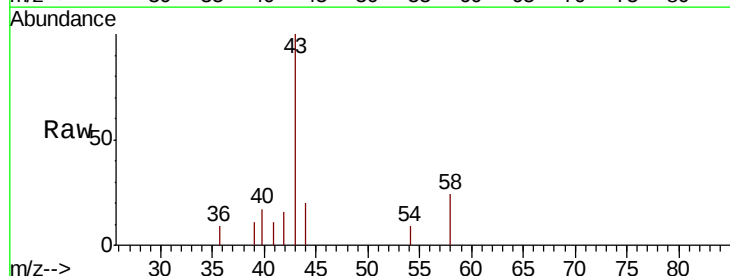
Acq: 2 Nov 2018 16:37

Tgt Ion: 43 Resp: 6111

Ion Ratio Lower Upper

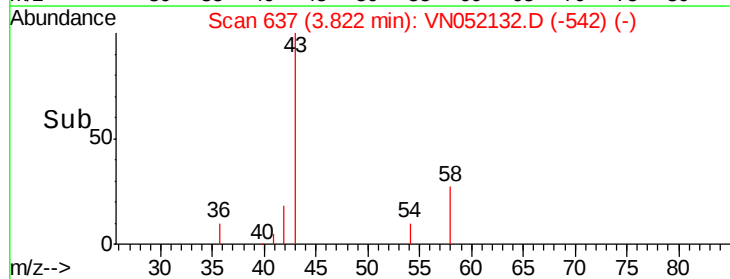
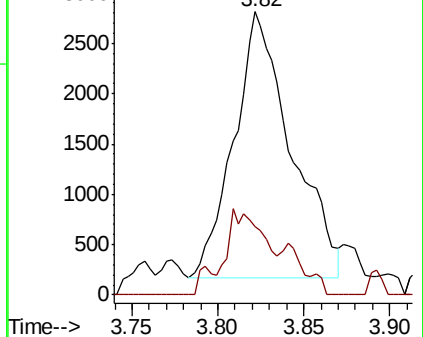
43 100

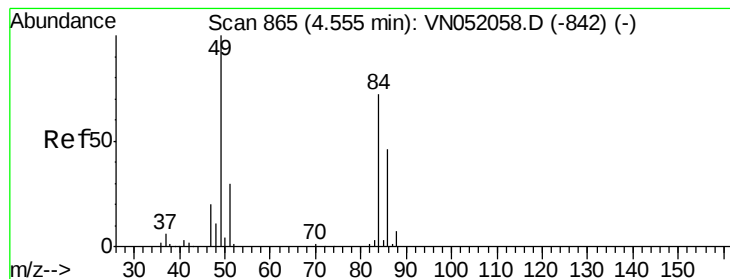
58 25.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 44.553 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052132.D

Acq: 2 Nov 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-11

Tot Ion: 84 Resp: 156625

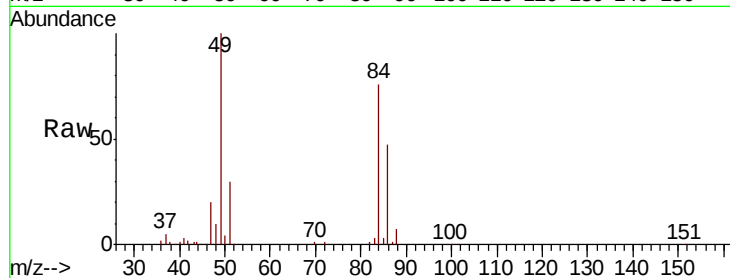
Ion Ratio Lower Upper

84 100

49 131.0 110.6 165.8

51 39.1 33.7 50.5

86 61.7 50.5 75.7

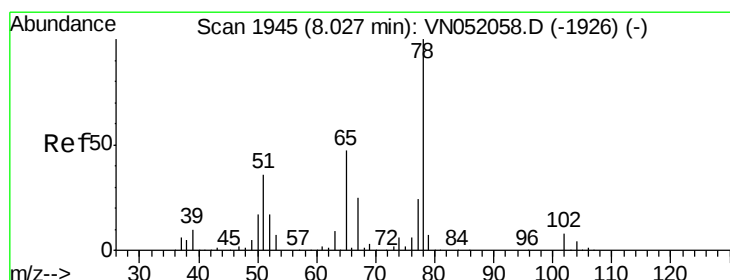
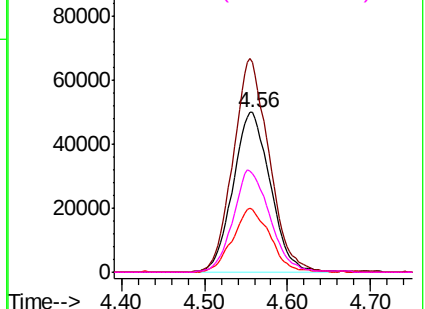
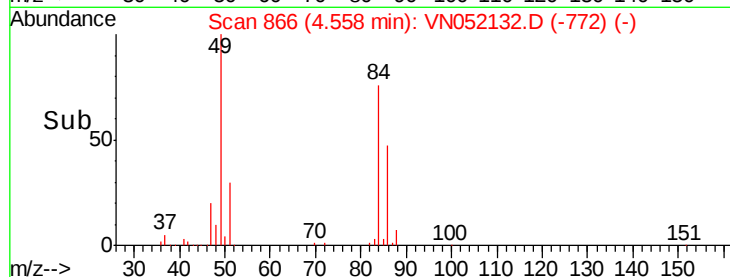


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052132.D

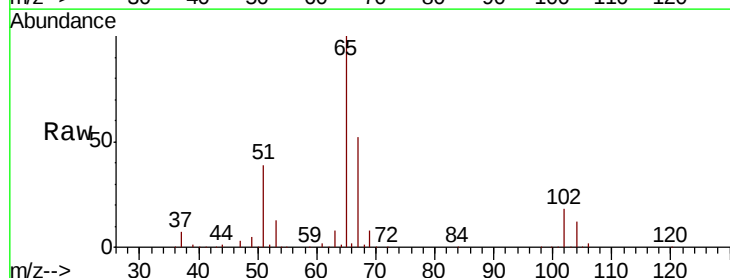
Acq: 2 Nov 2018 16:37

Tgt Ion: 65 Resp: 233710

Ion Ratio Lower Upper

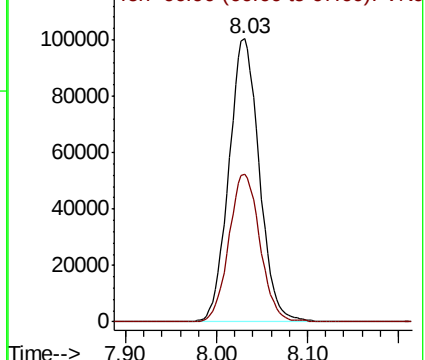
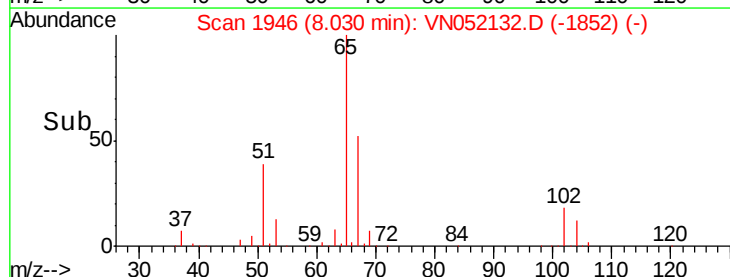
65 100

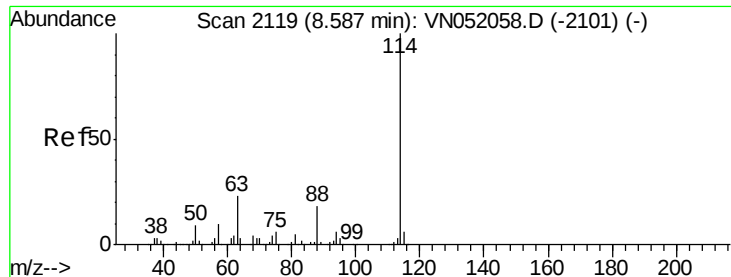
67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

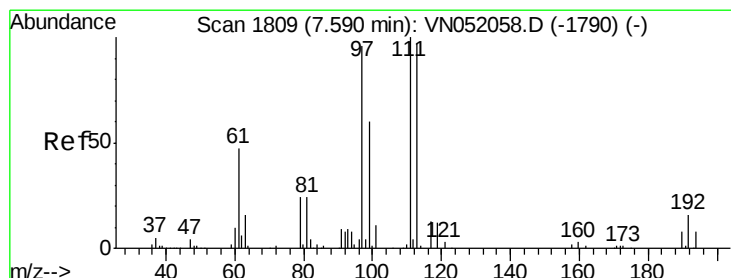
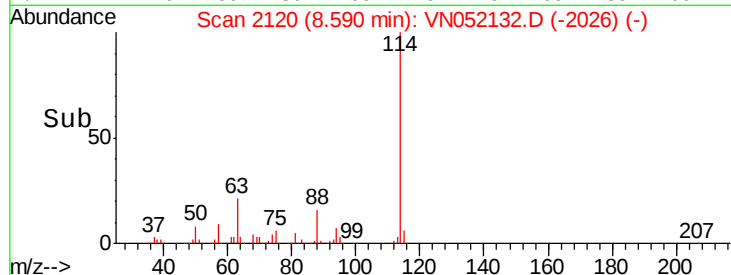
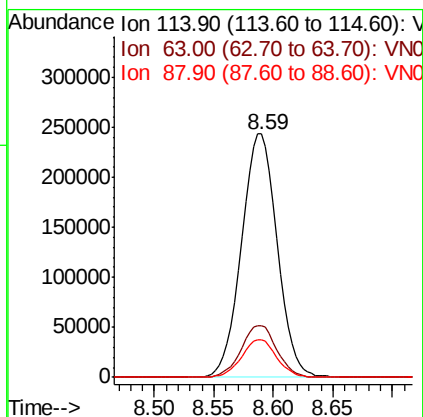
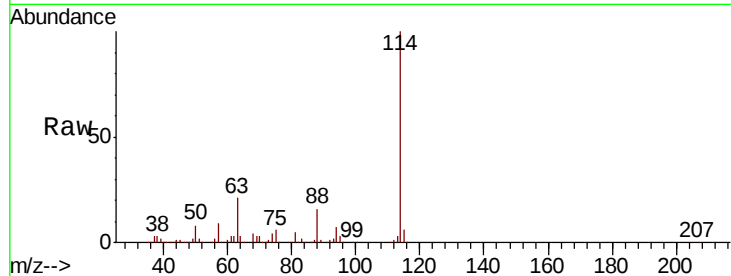




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052132.D
 Acq: 2 Nov 2018 16:37

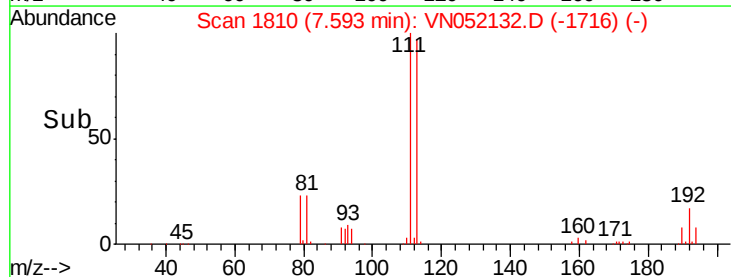
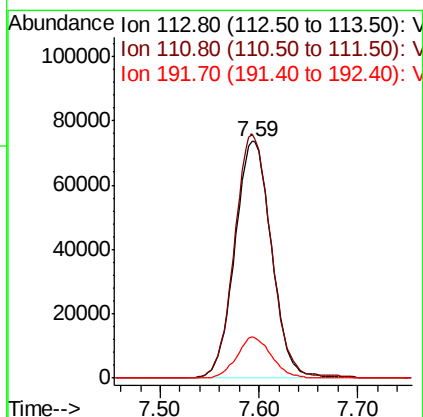
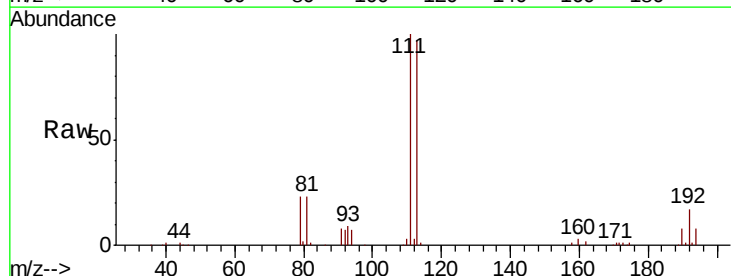
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

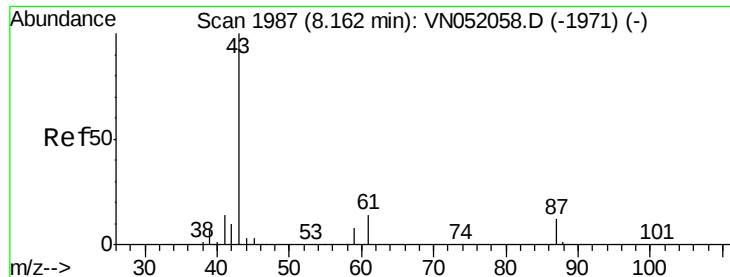
Tot Ion:114 Resp: 505546
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 46.0
 88 15.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052132.D
 Acq: 2 Nov 2018 16:37

Tgt Ion:113 Resp: 189011
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 16.3 12.7 19.1





#43

Isopropyl Acetate

Concen: 28.847 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052132.D

Acq: 2 Nov 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-11

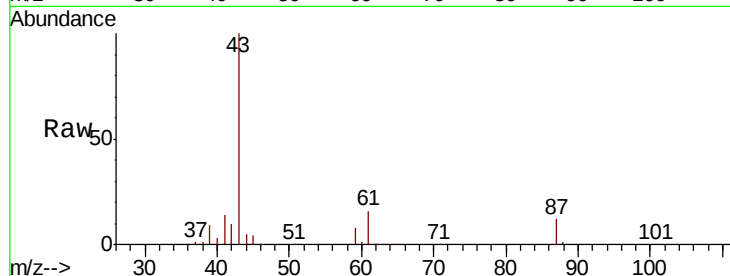
Tot Ion: 43 Resp: 176528

Ion Ratio Lower Upper

43 100

61 17.4 15.4 23.0

87 11.5 9.8 14.8

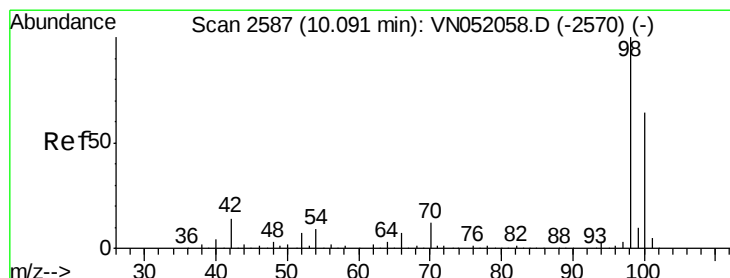
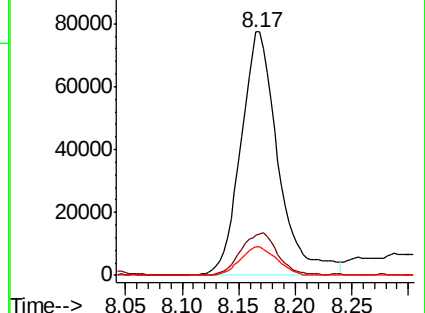
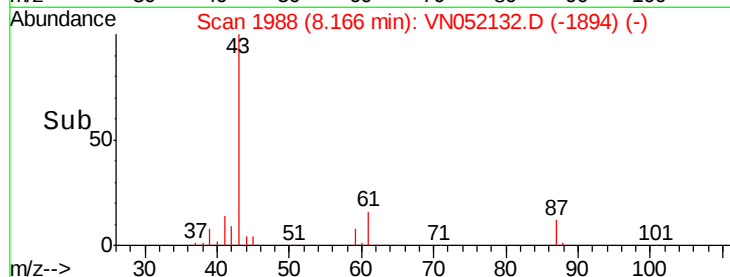


Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)

8.17



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052132.D

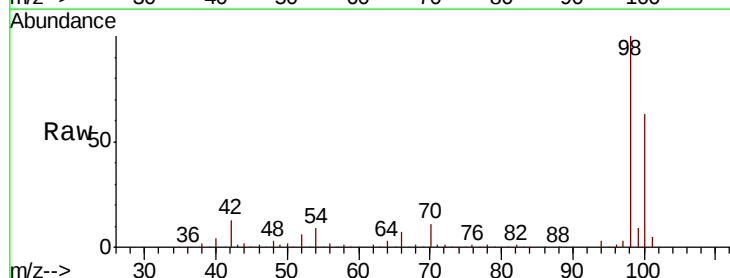
Acq: 2 Nov 2018 16:37

Tgt Ion: 98 Resp: 757067

Ion Ratio Lower Upper

98 100

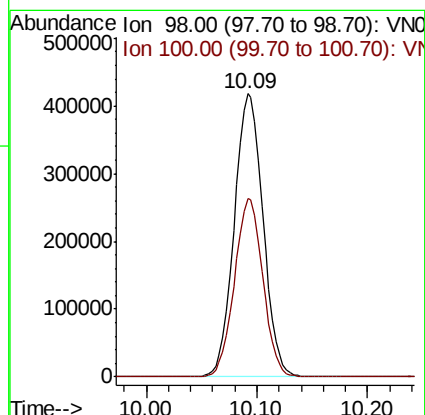
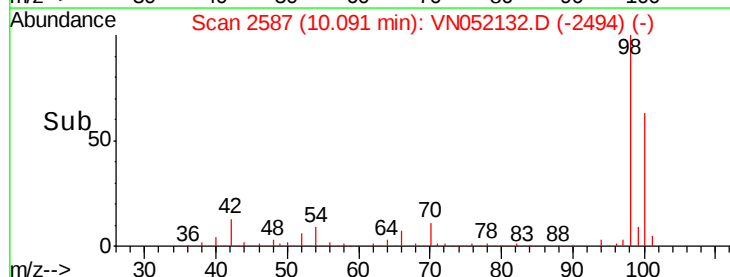
100 62.0 51.4 77.2

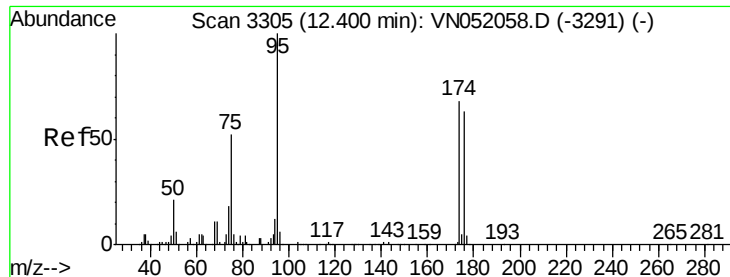


Abundance Ion 98.00 (97.70 to 98.70): VN052058.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052058.D (-2570) (-)

10.09





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052132.D

Acq: 2 Nov 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-11

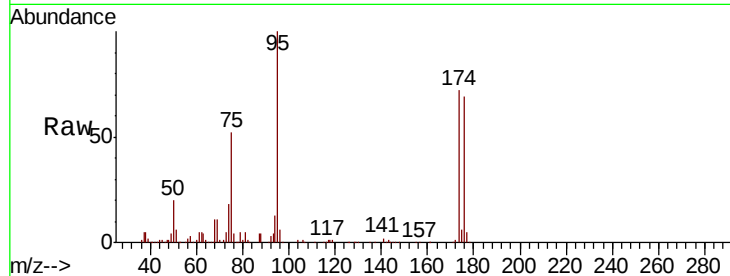
Tot Ion: 95 Resp: 254461

Ion Ratio Lower Upper

95 100

174 71.5 0.0 131.8

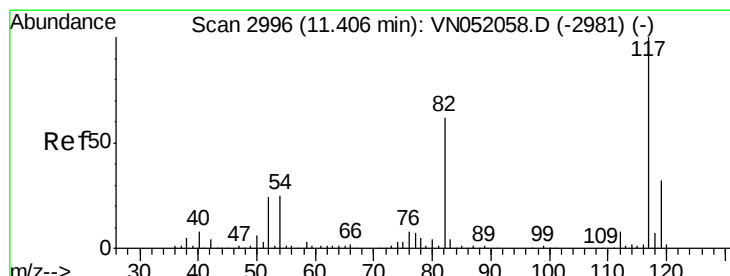
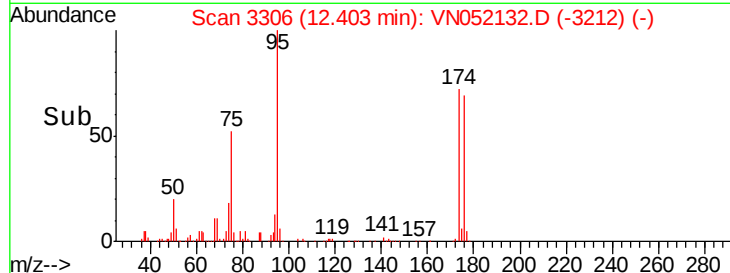
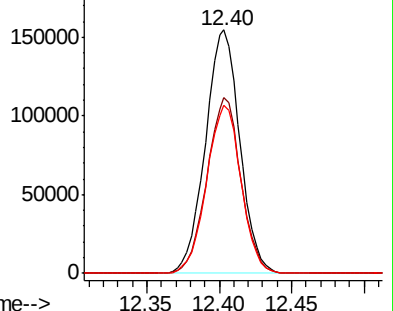
176 69.0 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052132.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052132.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052132.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052132.D

Acq: 2 Nov 2018 16:37

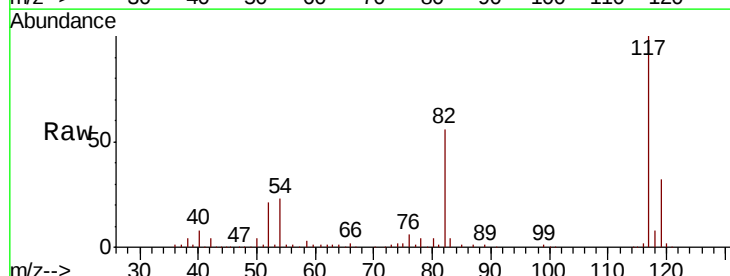
Tgt Ion: 117 Resp: 476781

Ion Ratio Lower Upper

117 100

82 56.2 49.9 74.9

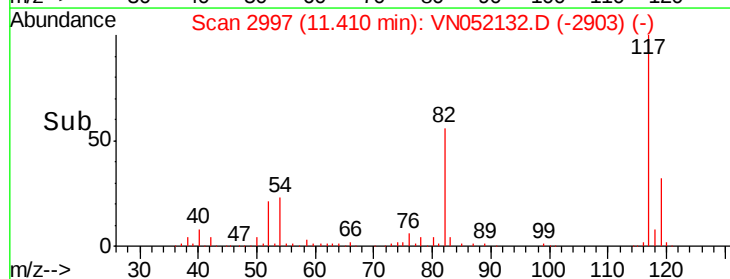
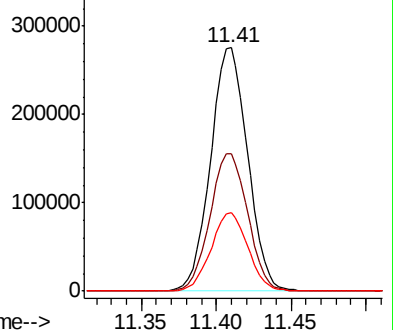
119 32.4 25.7 38.5

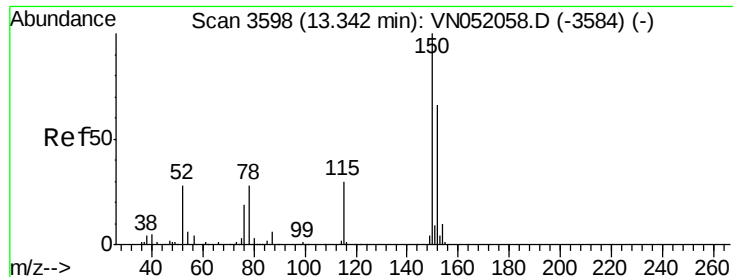


Abundance Ion 116.90 (116.60 to 117.60): VN052132.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052132.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052132.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052132.D

Acq: 2 Nov 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

TP-11

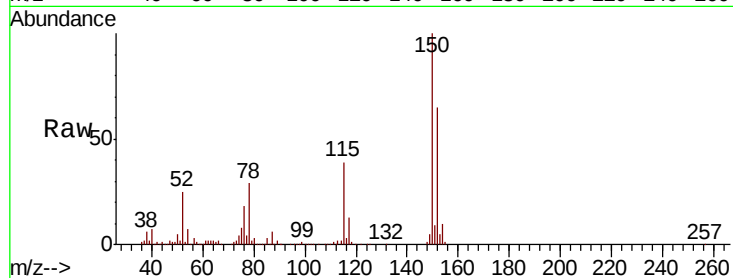
Tot Ion:152 Resp: 193298

Ion Ratio Lower Upper

152 100

115 62.6 31.6 95.0

150 155.1 0.0 345.0



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

