

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051281.D
 Acq On : 17 Sep 2018 19:51
 Operator : MD\SY
 Sample : J4929-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-11

Quant Time: Sep 19 09:50:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	415968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155638	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	226433	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.59	113	243428	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	10.09	98	820902	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	
62) 4-Bromofluorobenzene	12.40	95	211290	35.98	ug/l	0.00
Spiked Amount			Recovery	=	71.96%	

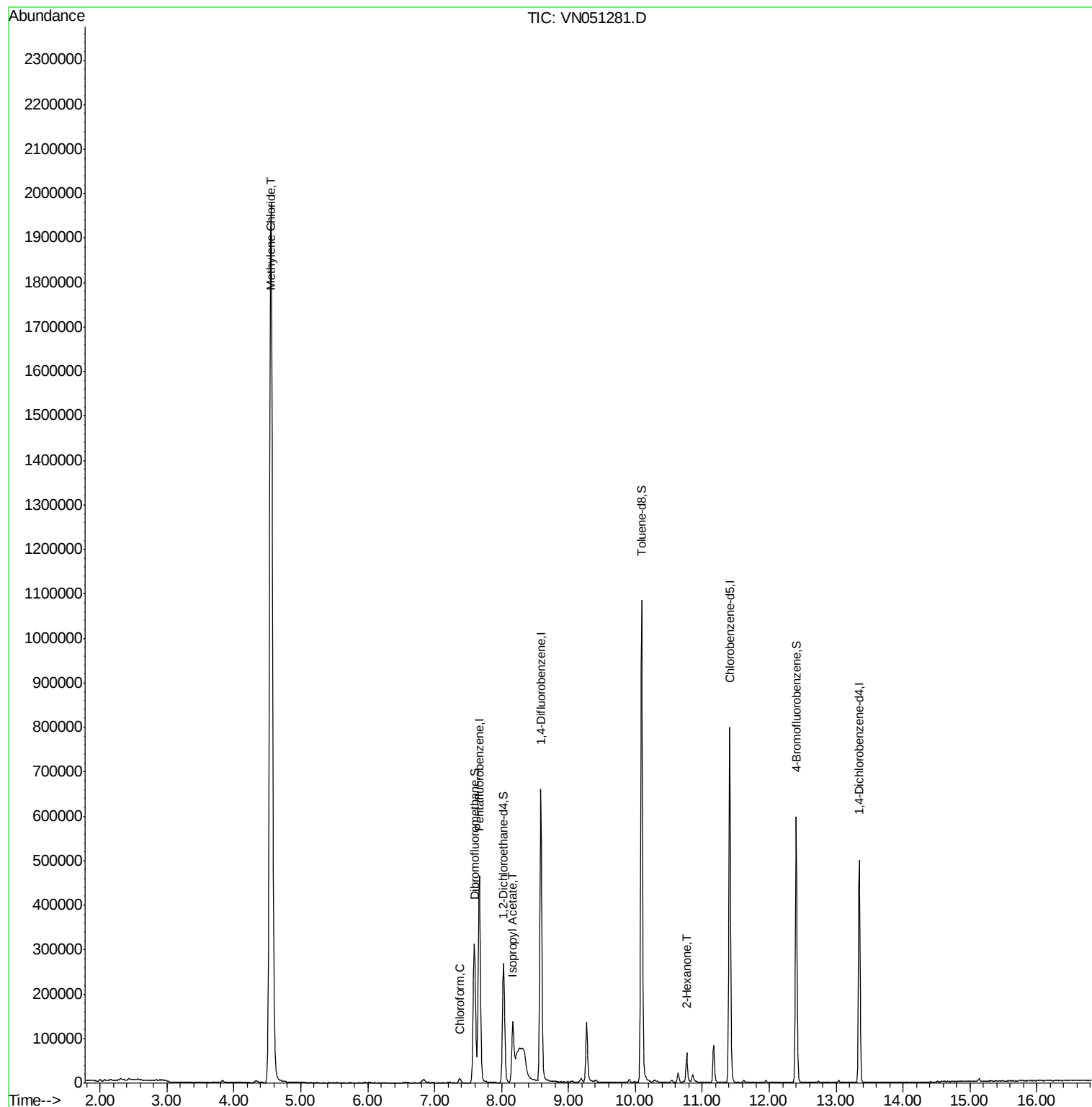
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	1631014	329.64	ug/l	99
30) Chloroform	7.37	83	10830	1.32	ug/l	93
43) Isopropyl Acetate	8.17	43	173498	28.03	ug/l	95
59) 2-Hexanone	10.77	43	10426	4.96	ug/l #	59

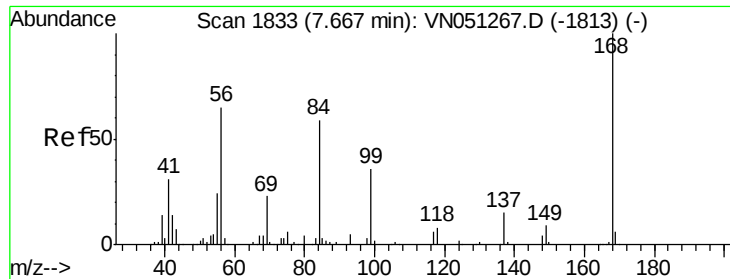
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

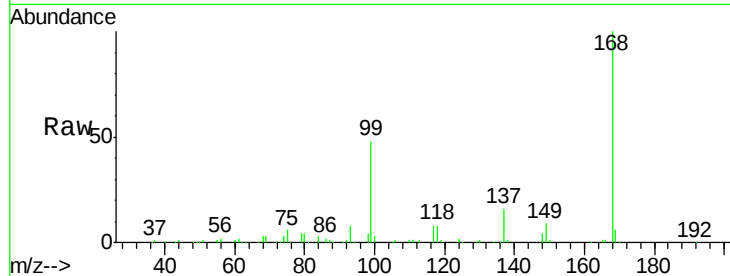
SP-PIT-11

Tot Ion:168 Resp: 415968

Ion Ratio Lower Upper

168 100

99 47.7 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

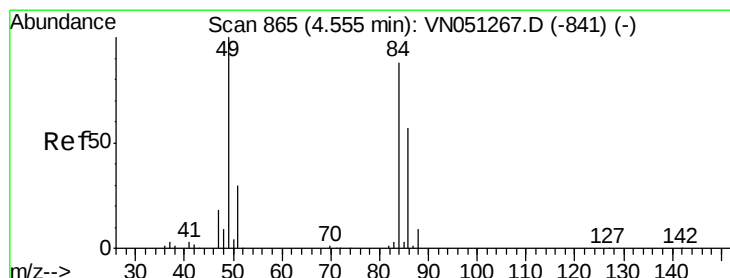
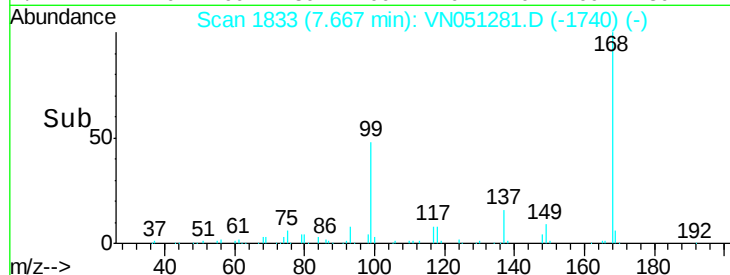
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 329.64 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Tgt Ion: 84 Resp: 1631014

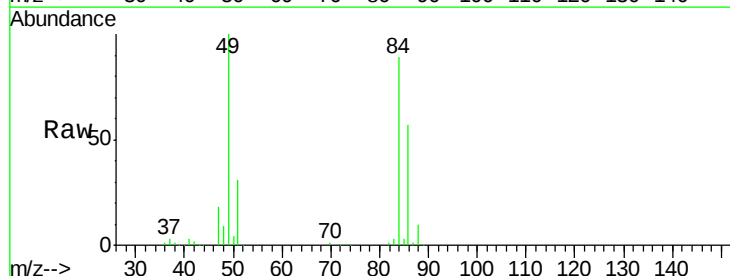
Ion Ratio Lower Upper

84 100

49 112.7 91.2 136.8

51 35.0 27.7 41.5

86 64.7 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

800000

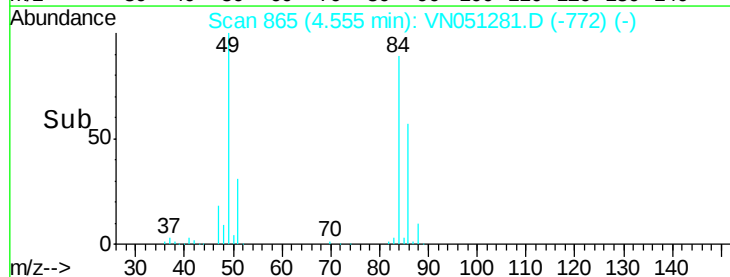
600000

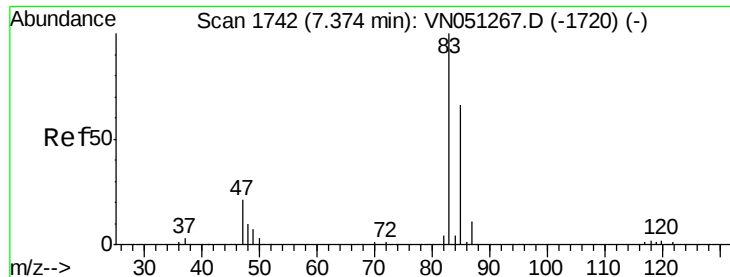
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200000

0

Time-->

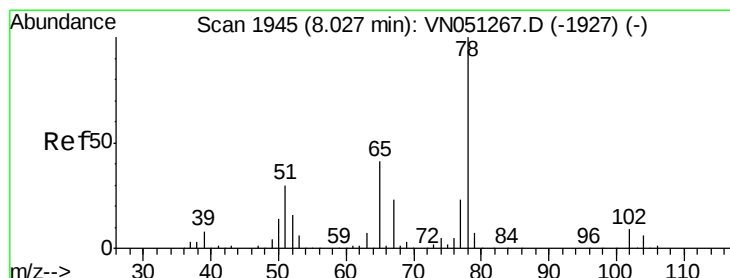
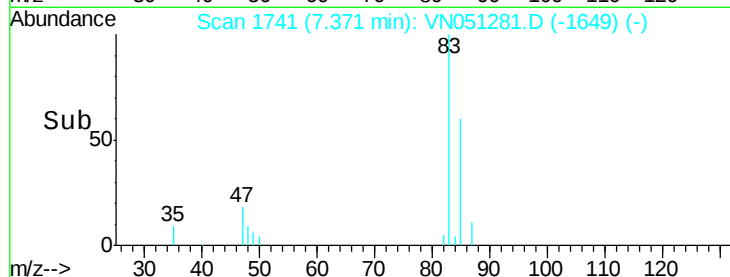
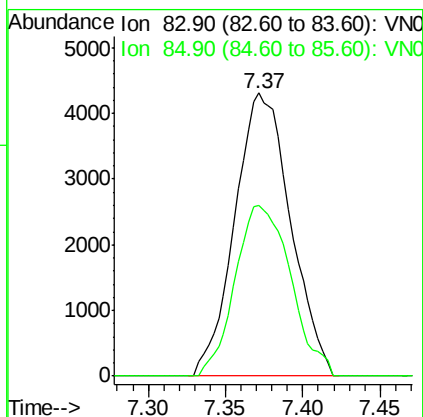
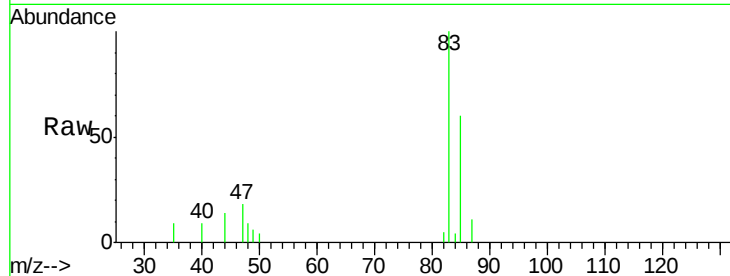




#30
Chloroform
Concen: 1.32 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

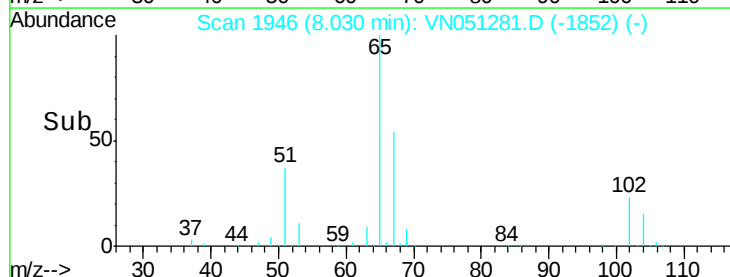
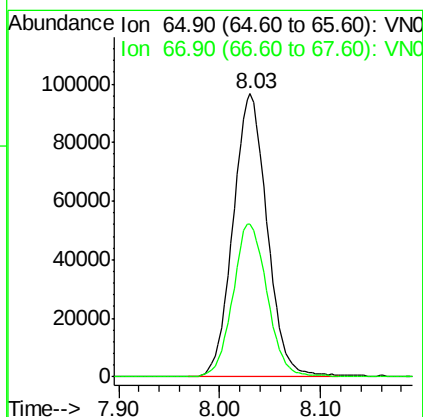
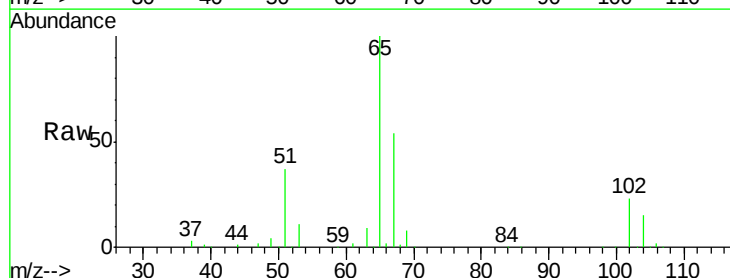
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-11

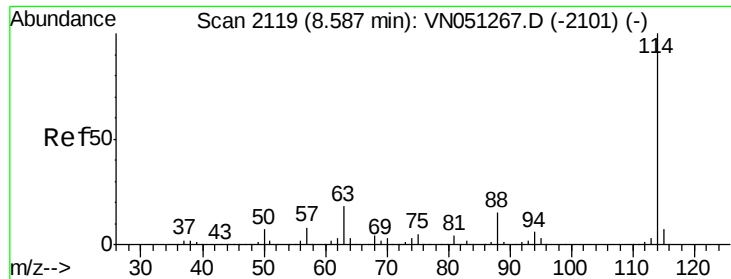
Tot Ion: 83 Resp: 10830
Ion Ratio Lower Upper
83 100
85 60.3 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 65 Resp: 226433
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-11

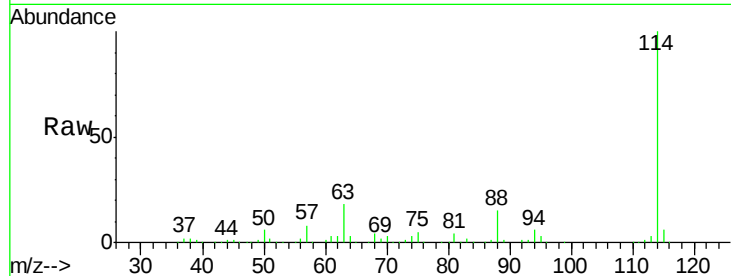
Tot Ion:114 Resp: 642720

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

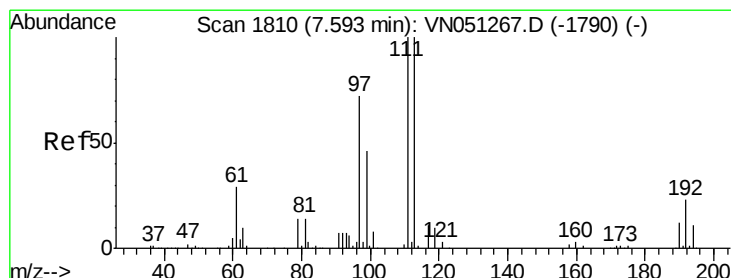
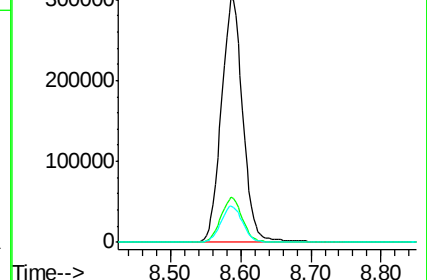
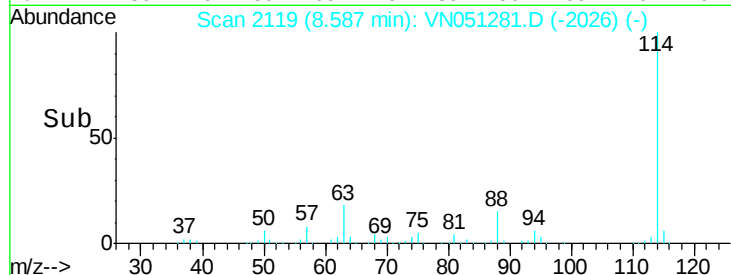
88 15.0 0.0 30.8



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: 48.74 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

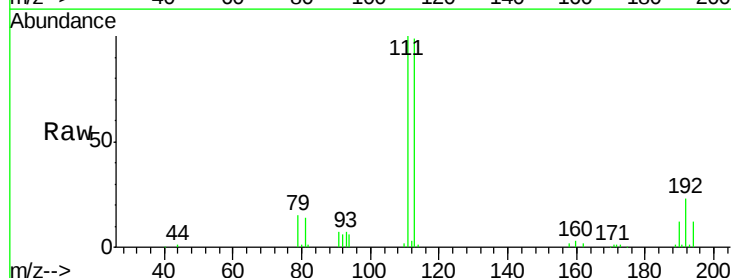
Tgt Ion:113 Resp: 243428

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

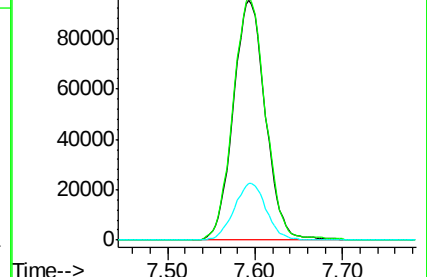
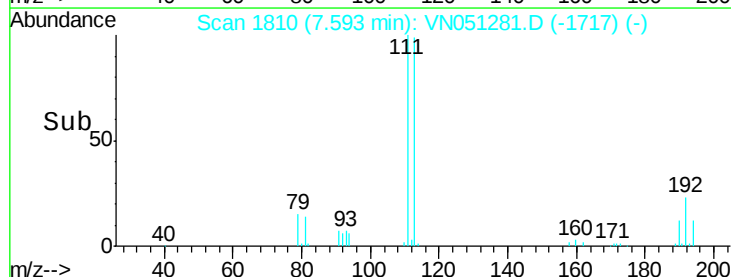
192 23.5 19.0 28.6

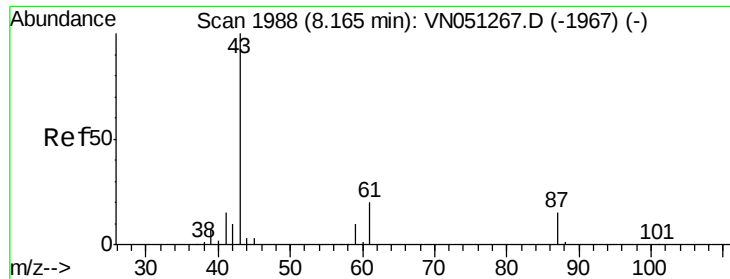


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 28.03 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-11

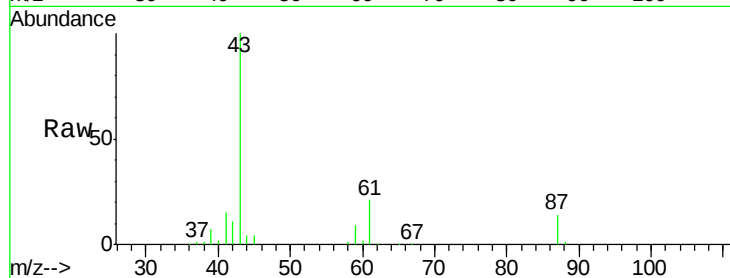
Tot Ion: 43 Resp: 173498

Ion Ratio Lower Upper

43 100

61 19.7 17.4 26.2

87 13.2 12.2 18.4

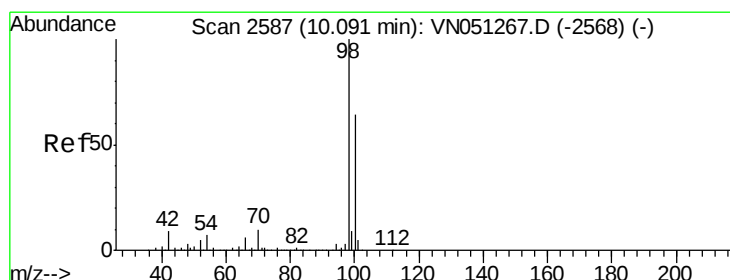
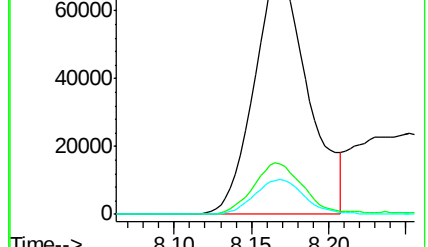
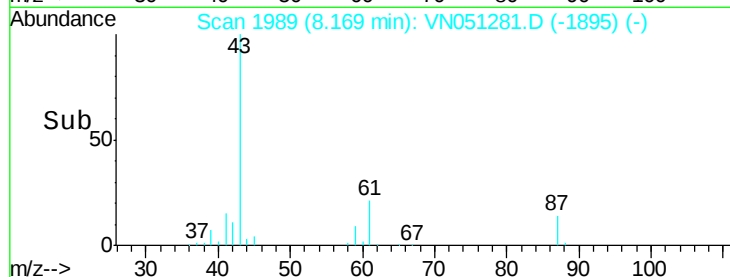


Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)

Time-->



#50

Toluene-d8

Concen: 44.47 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051281.D

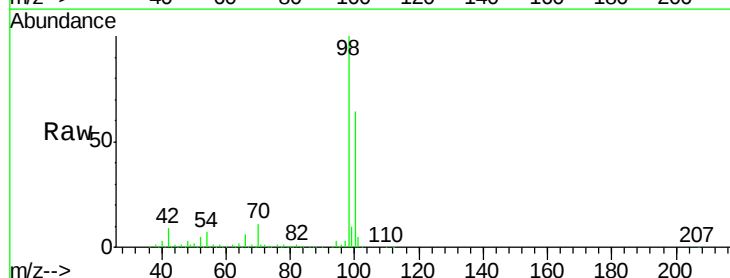
Acq: 17 Sep 2018 19:51

Tgt Ion: 98 Resp: 820902

Ion Ratio Lower Upper

98 100

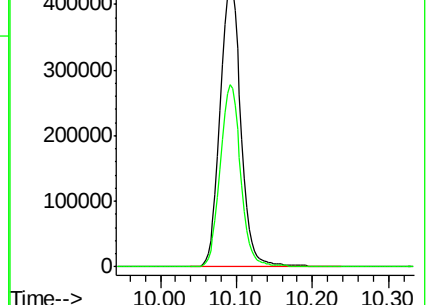
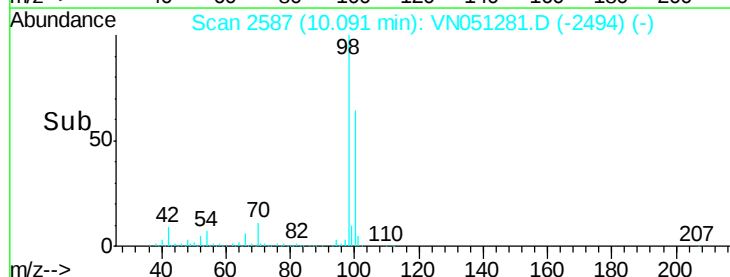
100 63.4 51.6 77.4

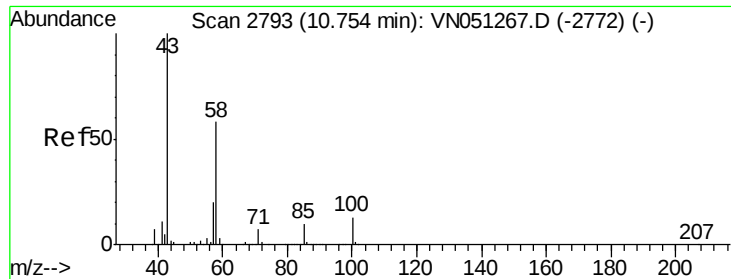


Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

Time-->





#59

2-Hexanone

Concen: 4.96 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampled :

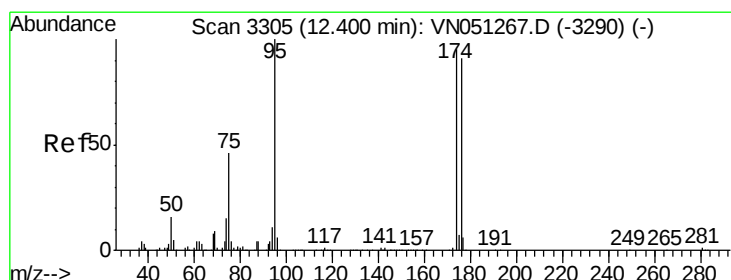
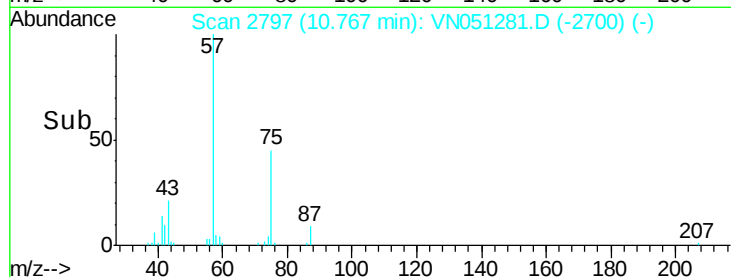
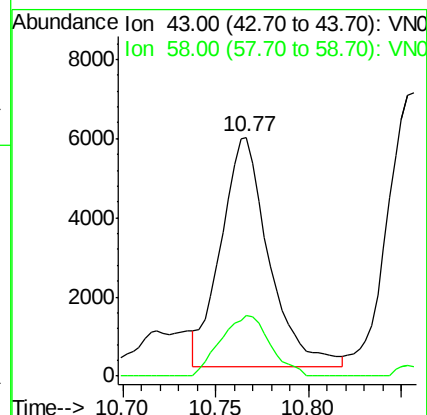
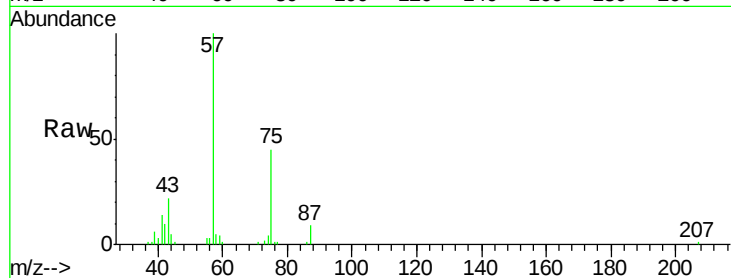
SP-PIT-11

Tot Ion: 43 Resp: 10426

Ion Ratio Lower Upper

43 100

58 27.1 28.9 86.8#



#62

4-Bromofluorobenzene

Concen: 35.98 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

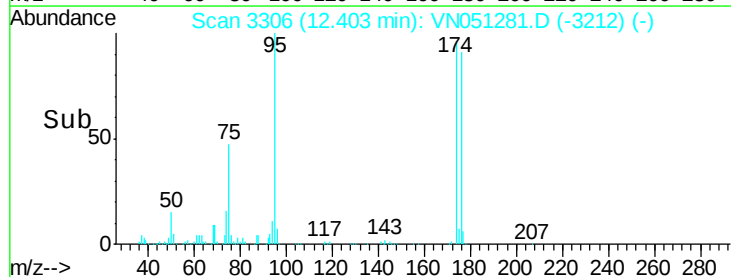
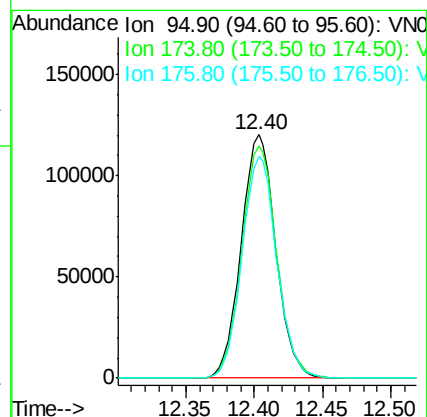
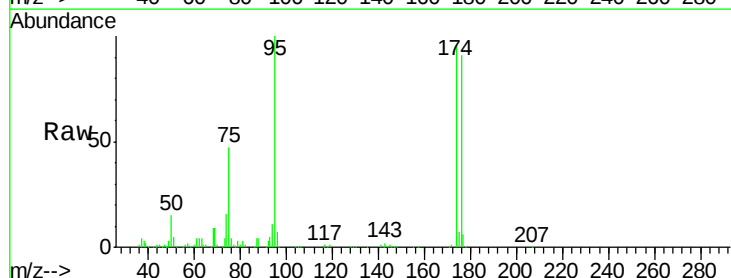
Tgt Ion: 95 Resp: 211290

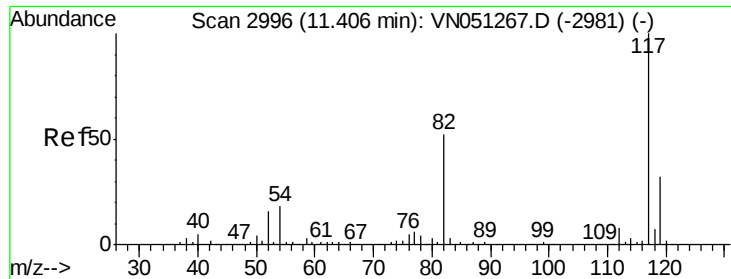
Ion Ratio Lower Upper

95 100

174 96.3 0.0 189.6

176 91.4 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-11

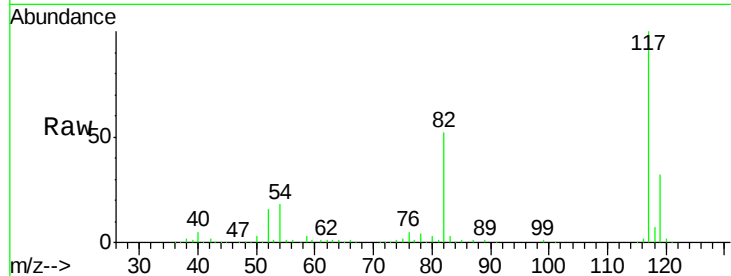
Tot Ion:117 Resp: 519254

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

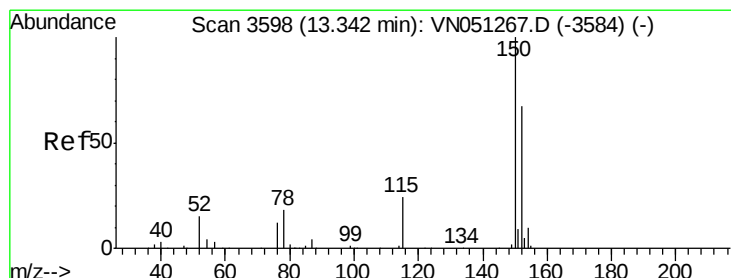
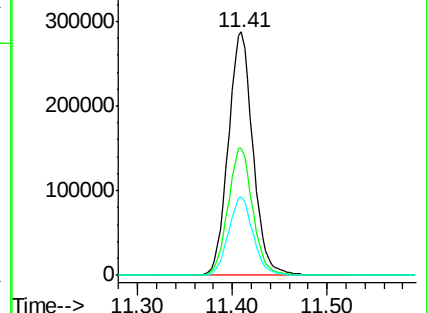
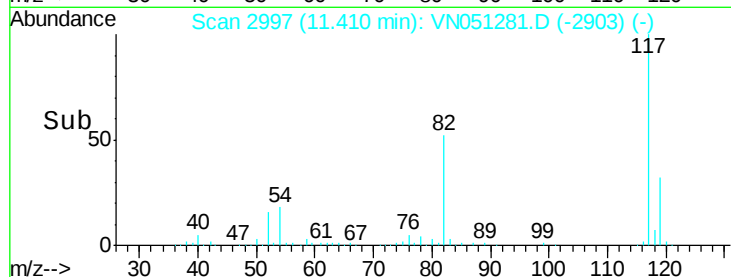
119 32.1 25.6 38.4



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: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

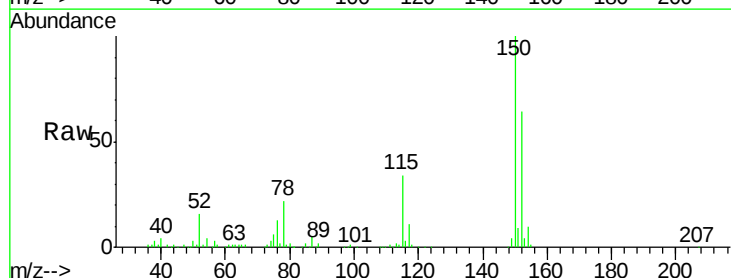
Tgt Ion:152 Resp: 155638

Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 155.6 0.0 349.0



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

