

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049964.D
 Acq On : 20 Jul 2018 15:55
 Operator : MD\SY
 Sample : PB111289ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#04

Quant Time: Jul 21 02:04:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292431	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	410275	53.38	ug/l	0.00
Spiked Amount						
			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	363512	45.70	ug/l	0.00
Spiked Amount						
			Recovery	=	91.40%	
50) Toluene-d8	10.09	98	1264888	43.65	ug/l	0.00
Spiked Amount						
			Recovery	=	87.30%	
62) 4-Bromofluorobenzene	12.40	95	351614	35.23	ug/l	0.00
Spiked Amount						
			Recovery	=	70.46%	

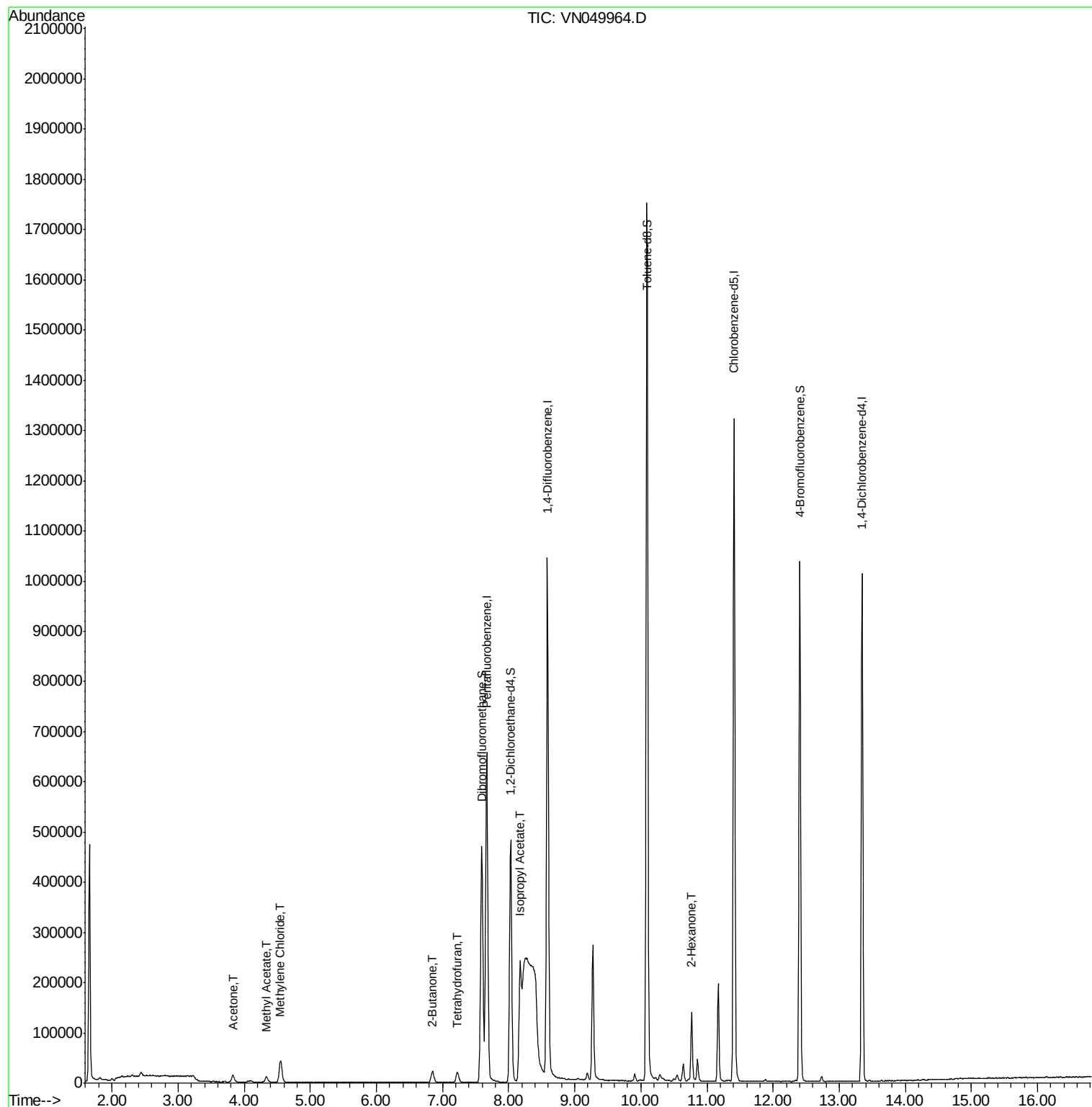
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	24710	12.42	ug/l	97
18) Methyl Acetate	4.33	43	23697	3.01	ug/l	92
20) Methylene Chloride	4.55	84	33585	4.44	ug/l	93
25) 2-Butanone	6.85	43	33034	11.61	ug/l	100
29) Tetrahydrofuran	7.22	42	17061	9.52	ug/l #	75
43) Isopropyl Acetate	8.17	43	299215	23.68	ug/l #	93
59) 2-Hexanone	10.77	43	19652	4.14	ug/l #	54

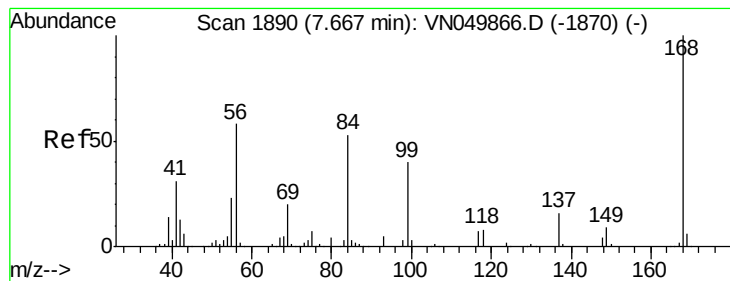
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

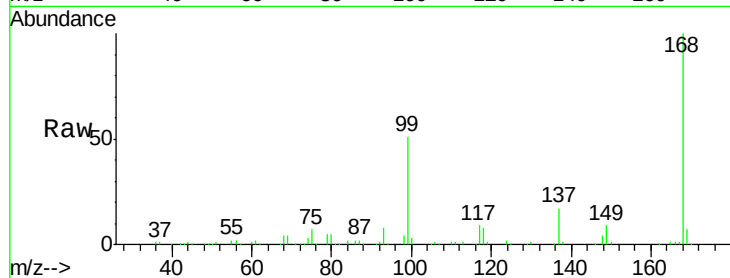
PB111289ZHE#04

Tot Ion:168 Resp: 559232

Ion Ratio Lower Upper

168 100

99 50.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

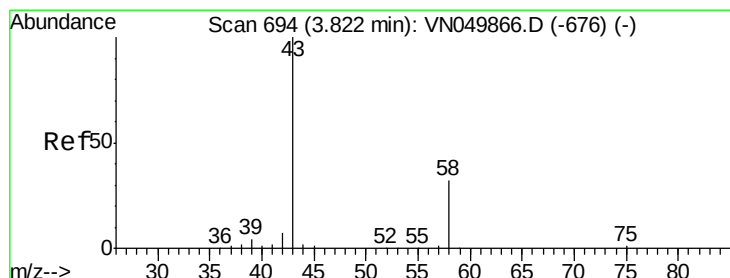
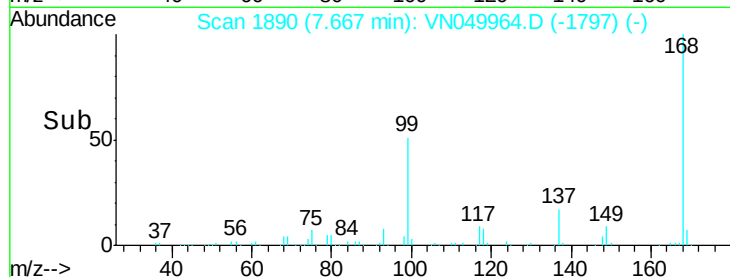
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.42 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049964.D

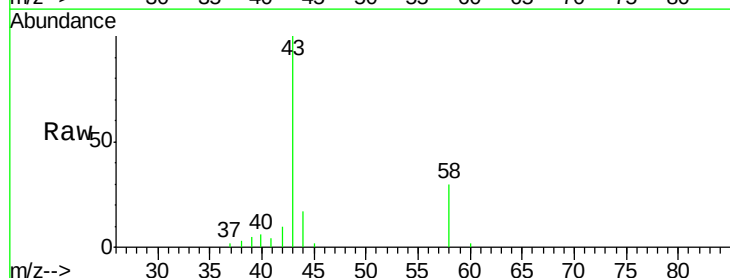
Acq: 20 Jul 2018 15:55

Tgt Ion: 43 Resp: 24710

Ion Ratio Lower Upper

43 100

58 30.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

10000

8000

6000

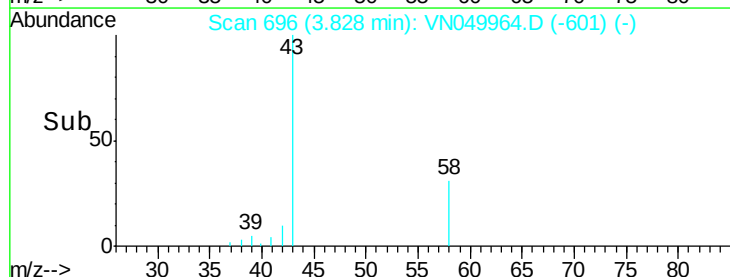
4000

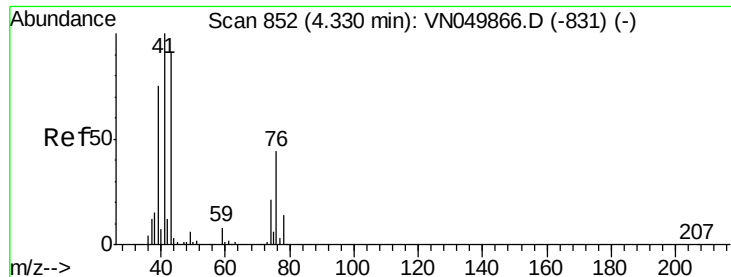
2000

0

3.70 3.80 3.90

Time-->

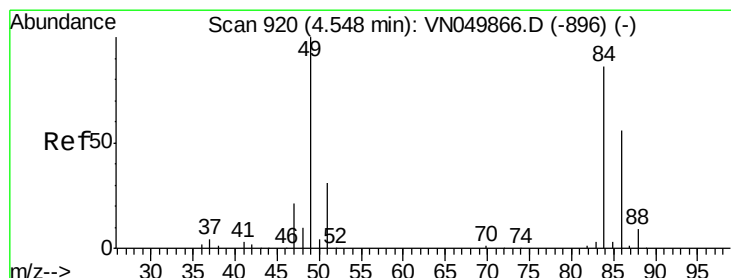
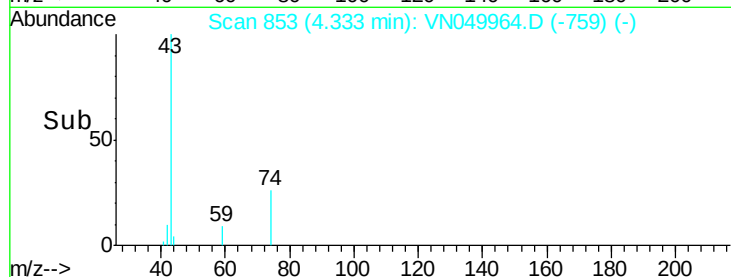
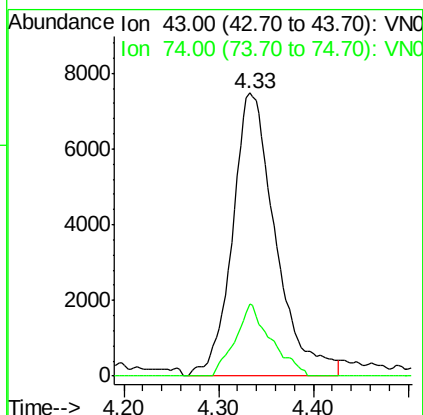
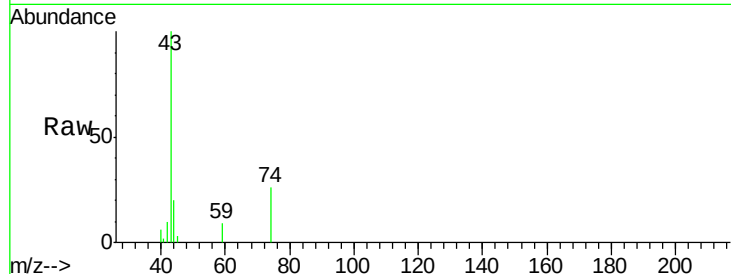




#18
Methvl Acetate
Concen: 3.01 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049964.D
Acq: 20 Jul 2018 15:55

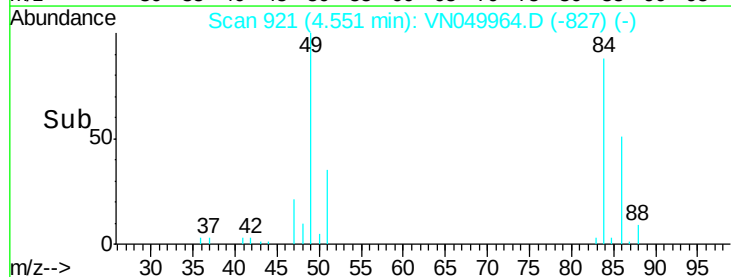
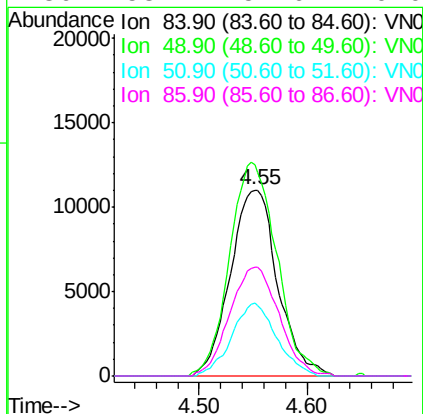
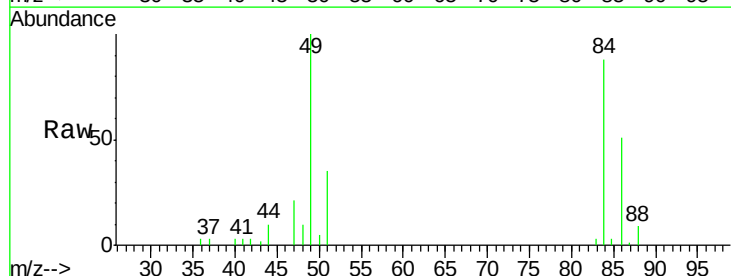
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#04

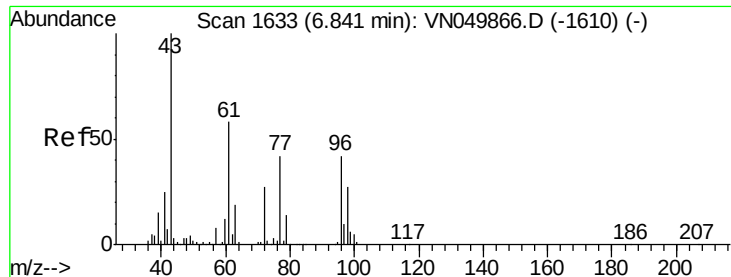
Tot Ion: 43 Resp: 23697
Ion Ratio Lower Upper
43 100
74 21.0 19.8 29.8



#20
Methylene Chloride
Concen: 4.44 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049964.D
Acq: 20 Jul 2018 15:55

Tgt Ion: 84 Resp: 33585
Ion Ratio Lower Upper
84 100
49 113.8 95.4 143.2
51 39.3 28.4 42.6
86 58.4 52.6 79.0





#25

2-Butanone

Concen: 11.61 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

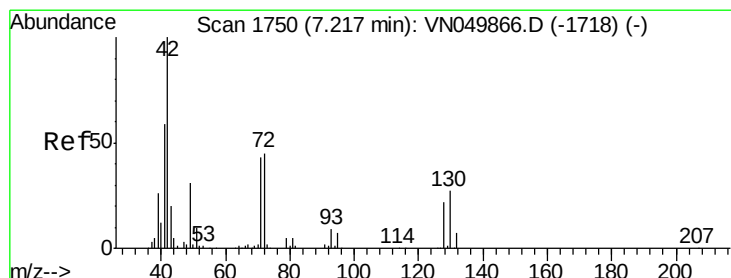
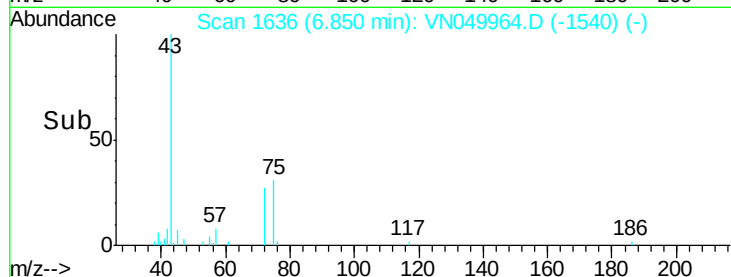
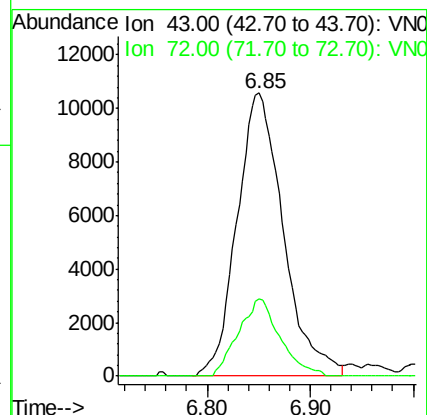
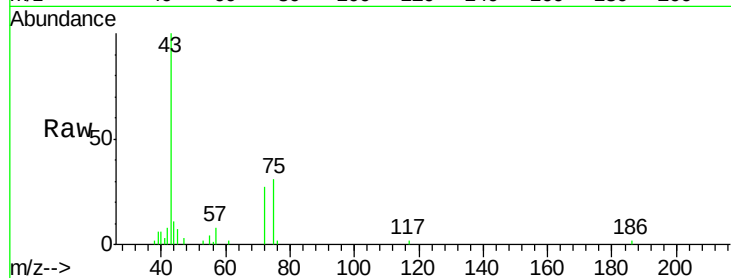
PB111289ZHE#04

Tot Ion: 43 Resp: 33034

Ion Ratio Lower Upper

43 100

72 27.4 22.1 33.1



#29

Tetrahydrofuran

Concen: 9.52 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

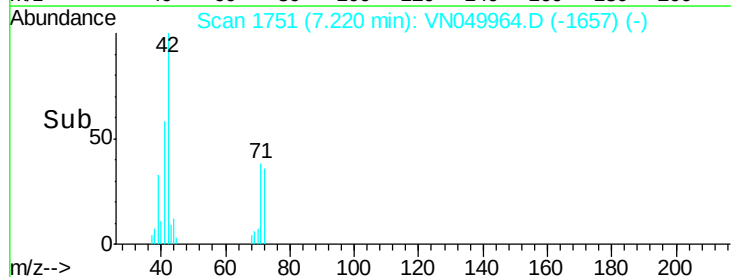
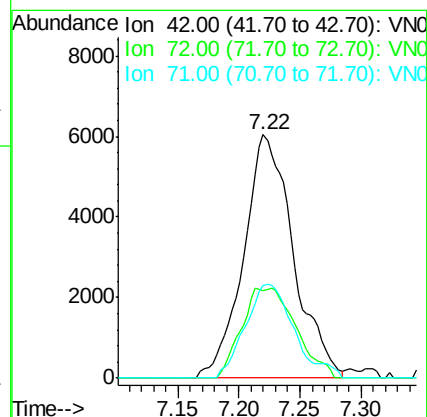
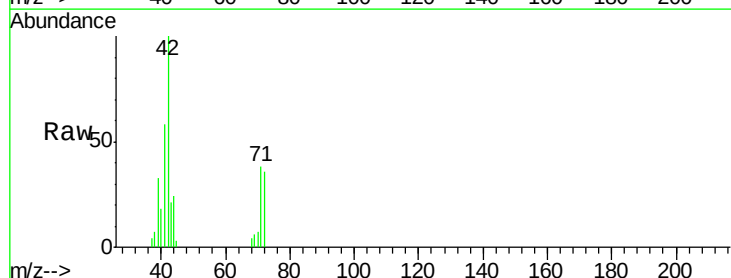
Tgt Ion: 42 Resp: 17061

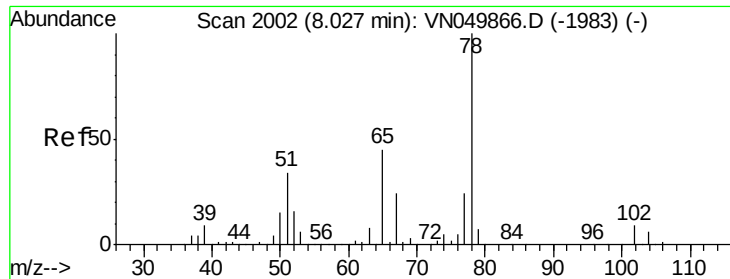
Ion Ratio Lower Upper

42 100

72 17.4 35.6 53.4#

71 37.6 34.0 51.0

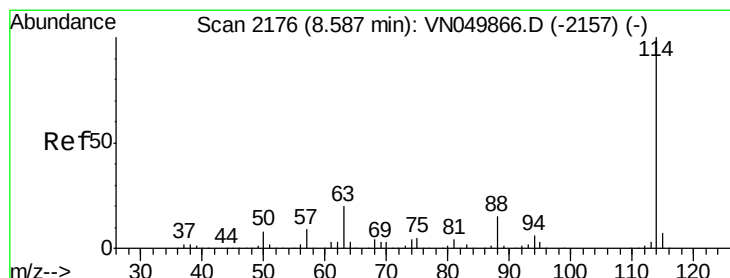
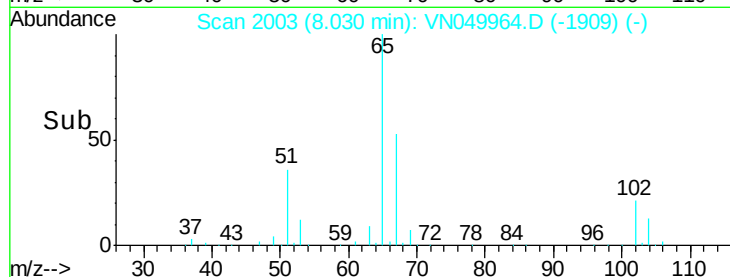
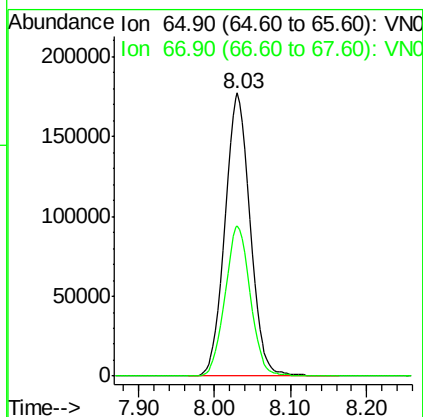
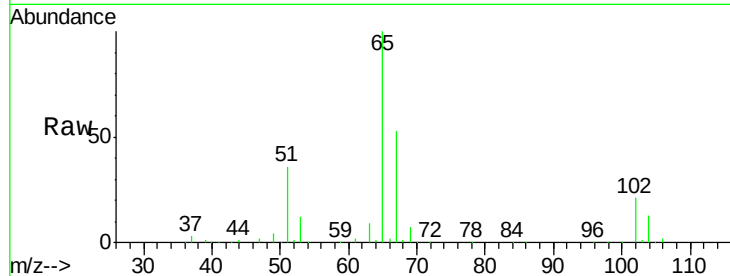




#33
 1,2-Dichloroethane-d4
 Concen: 53.38 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049964.D
 Acq: 20 Jul 2018 15:55

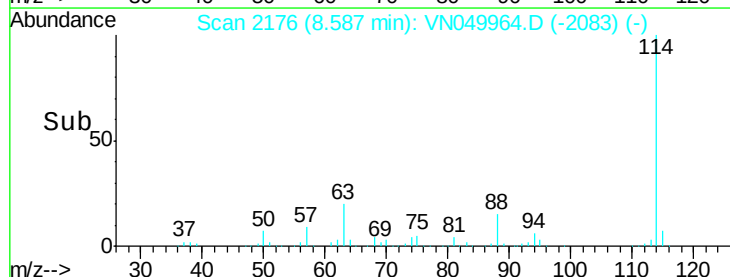
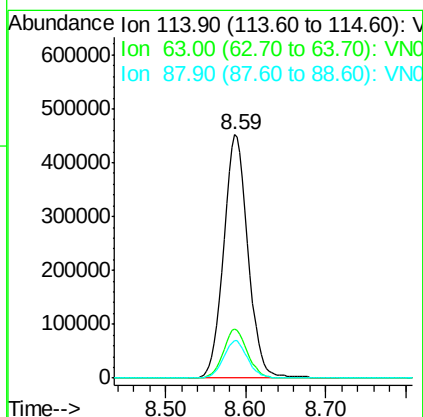
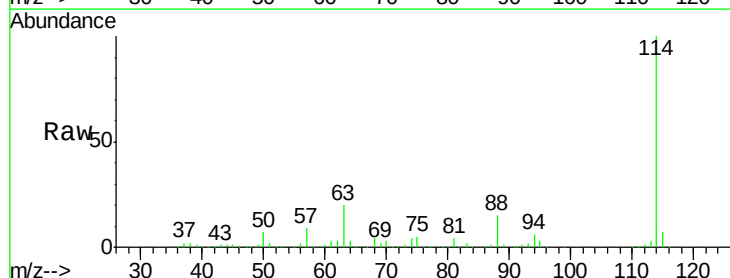
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#04

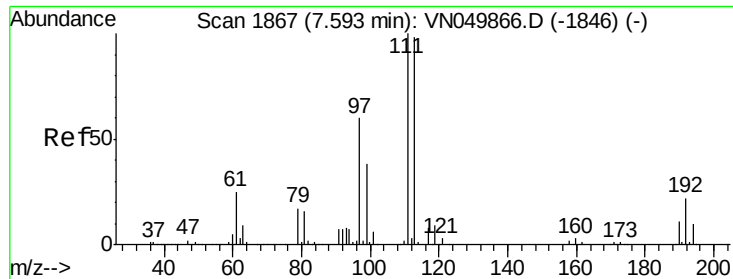
Tot Ion: 65 Resp: 410275
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049964.D
 Acq: 20 Jul 2018 15:55

Tgt Ion: 114 Resp: 947456
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.4 0.0 30.6

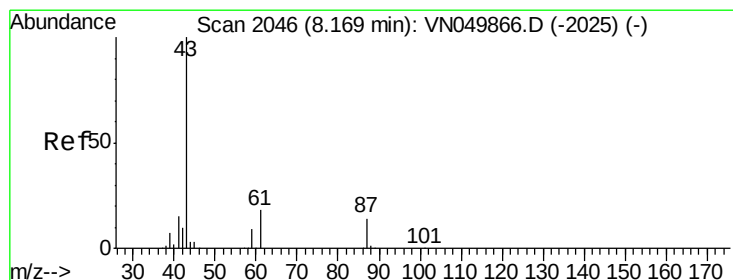
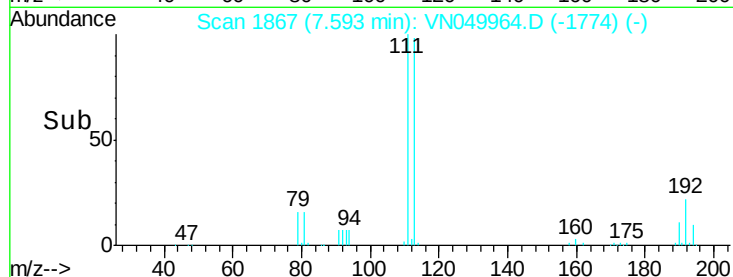
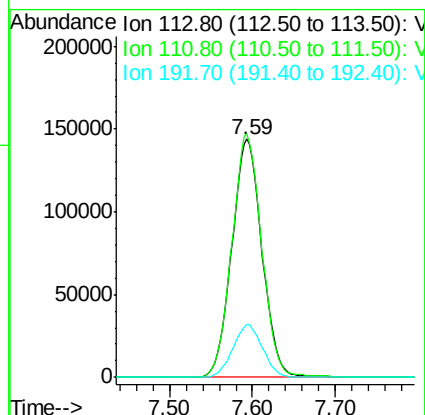
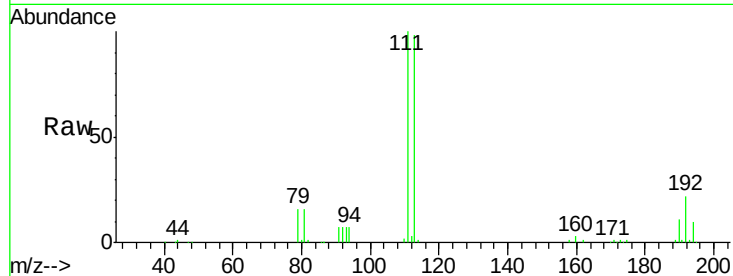




#35
 Dibromofluoromethane
 Concen: 45.70 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049964.D
 Acq: 20 Jul 2018 15:55

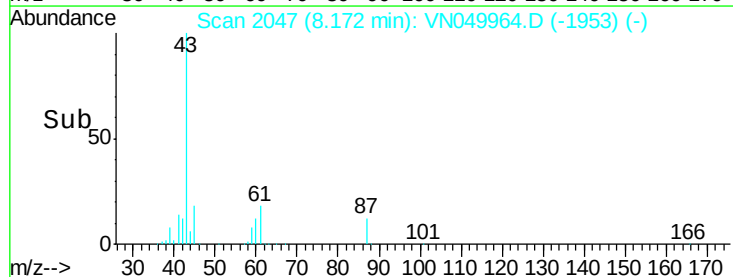
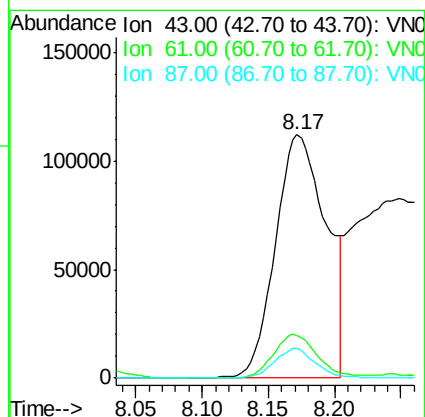
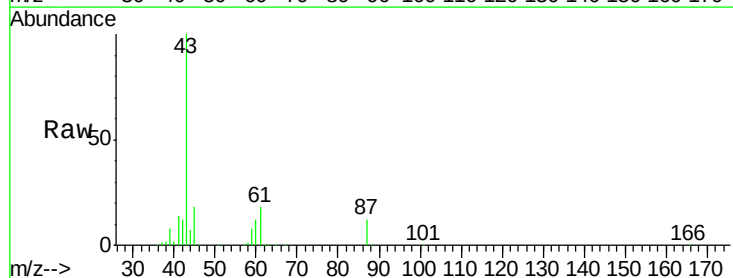
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#04

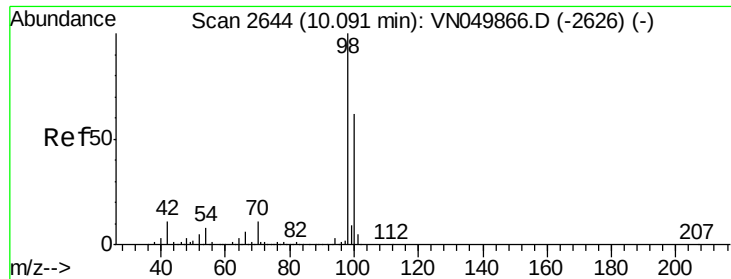
Tot Ion:113 Resp: 363512
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.8 122.8
 192 21.8 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 23.68 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049964.D
 Acq: 20 Jul 2018 15:55

Tgt Ion: 43 Resp: 299215
 Ion Ratio Lower Upper
 43 100
 61 15.6 14.9 22.3
 87 9.9 10.0 15.0#





#50

Toluene-d8

Concen: 43.65 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

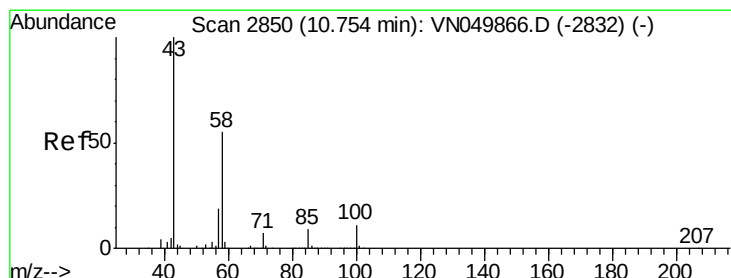
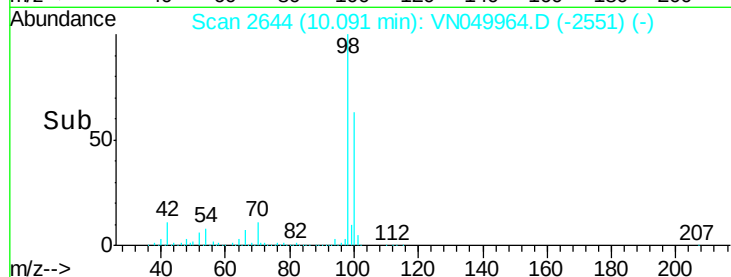
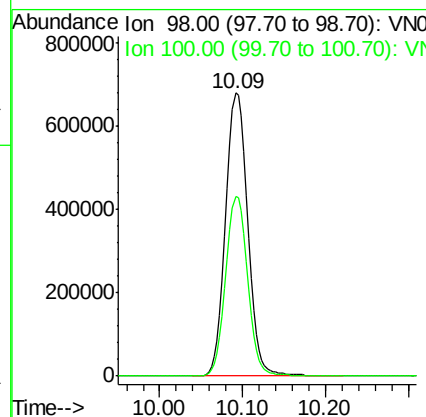
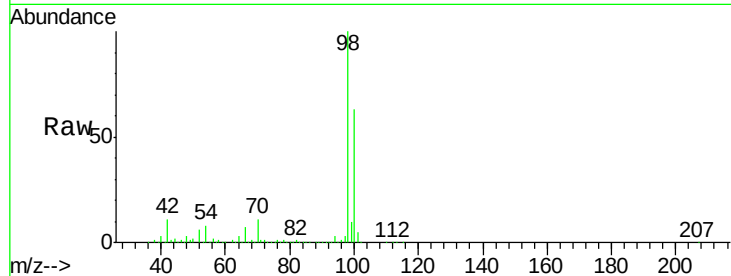
PB111289ZHE#04

Tot Ion: 98 Resp: 1264888

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#59

2-Hexanone

Concen: 4.14 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049964.D

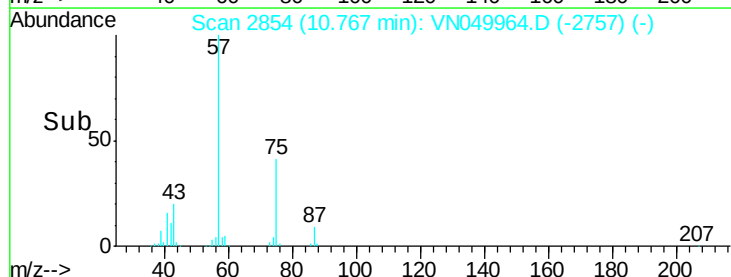
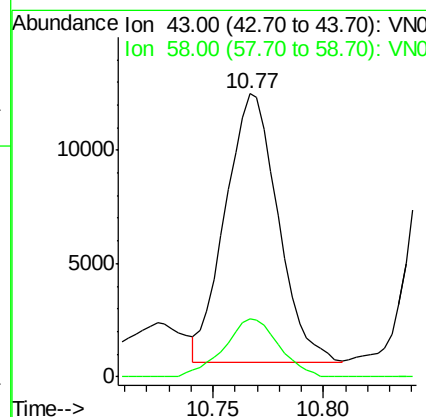
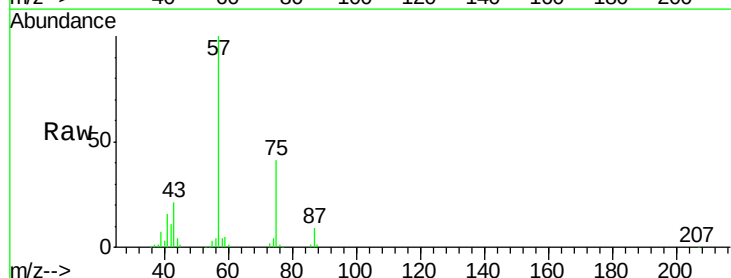
Acq: 20 Jul 2018 15:55

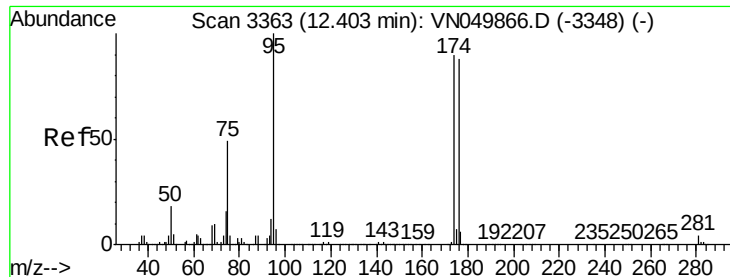
Tgt Ion: 43 Resp: 19652

Ion Ratio Lower Upper

43 100

58 22.4 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#04

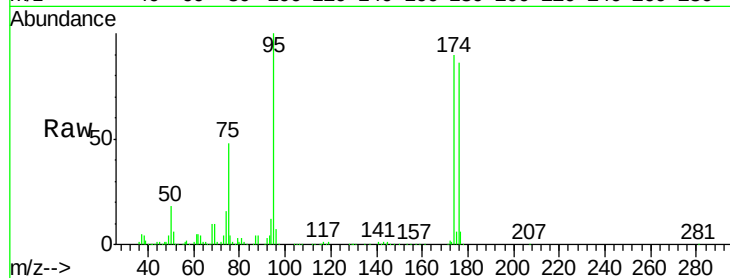
Tot Ion: 95 Resp: 351614

Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.6

176 87.0 0.0 174.0

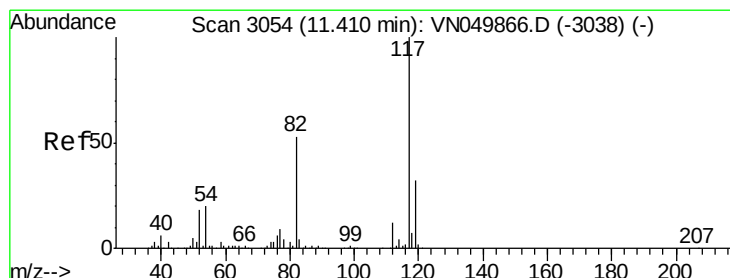
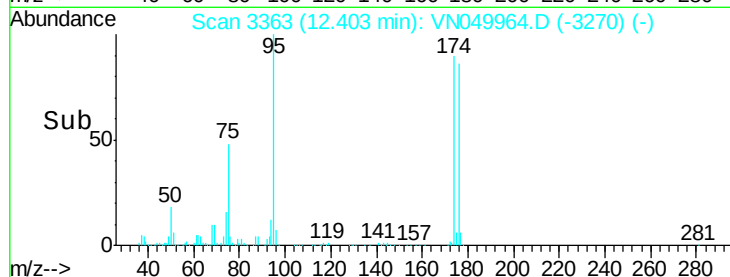


Abundance Ion 94.90 (94.60 to 95.60): VN049964.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049964.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049964.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049964.D

Acq: 20 Jul 2018 15:55

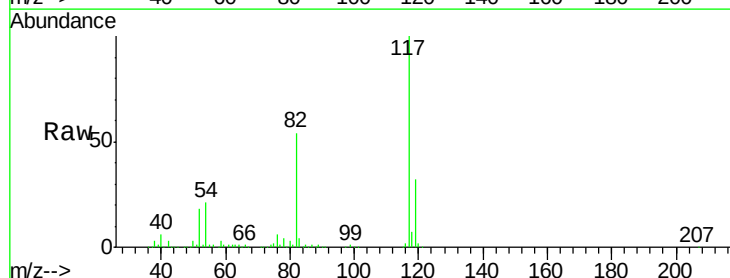
Tgt Ion: 117 Resp: 798667

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

119 32.3 25.4 38.2

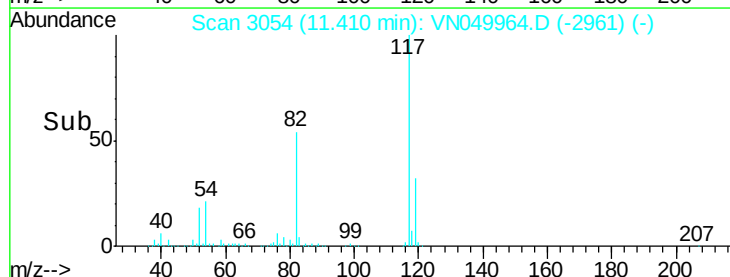


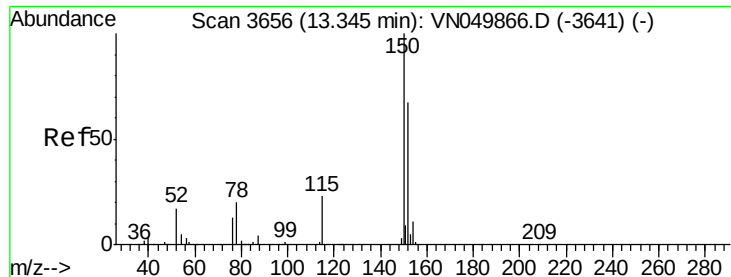
Abundance Ion 116.90 (116.60 to 117.60): VN049964.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049964.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049964.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049964.D

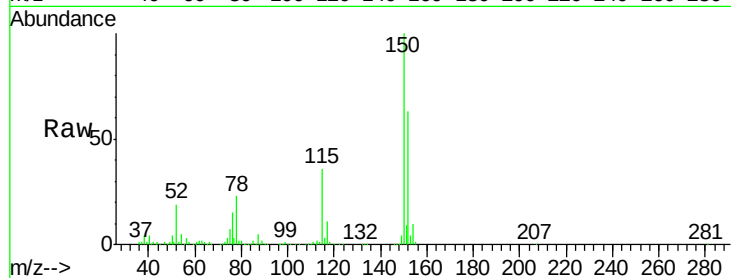
Acq: 20 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#04



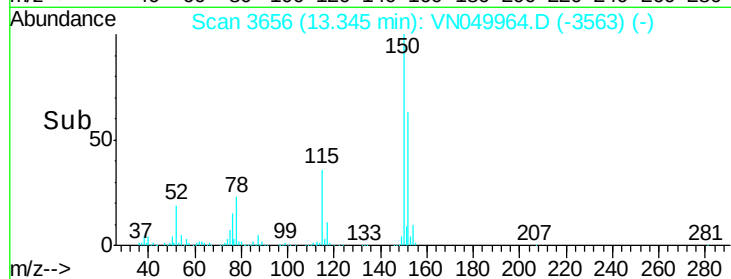
Tot Ion:152 Resp: 292431

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 157.2 0.0 347.6



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

