

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049962.D
 Acq On : 20 Jul 2018 15:03
 Operator : MD\SY
 Sample : PB111289ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#02

Quant Time: Jul 21 00:30:49 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	560650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	929348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	783649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275838	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	398405	51.70	ug/l	0.00
Spiked Amount						
			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	349905	44.85	ug/l	0.00
Spiked Amount						
			Recovery	=	89.70%	
50) Toluene-d8	10.09	98	1241704	43.68	ug/l	0.00
Spiked Amount						
			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	12.40	95	335971	34.32	ug/l	0.00
Spiked Amount						
			Recovery	=	68.64%	

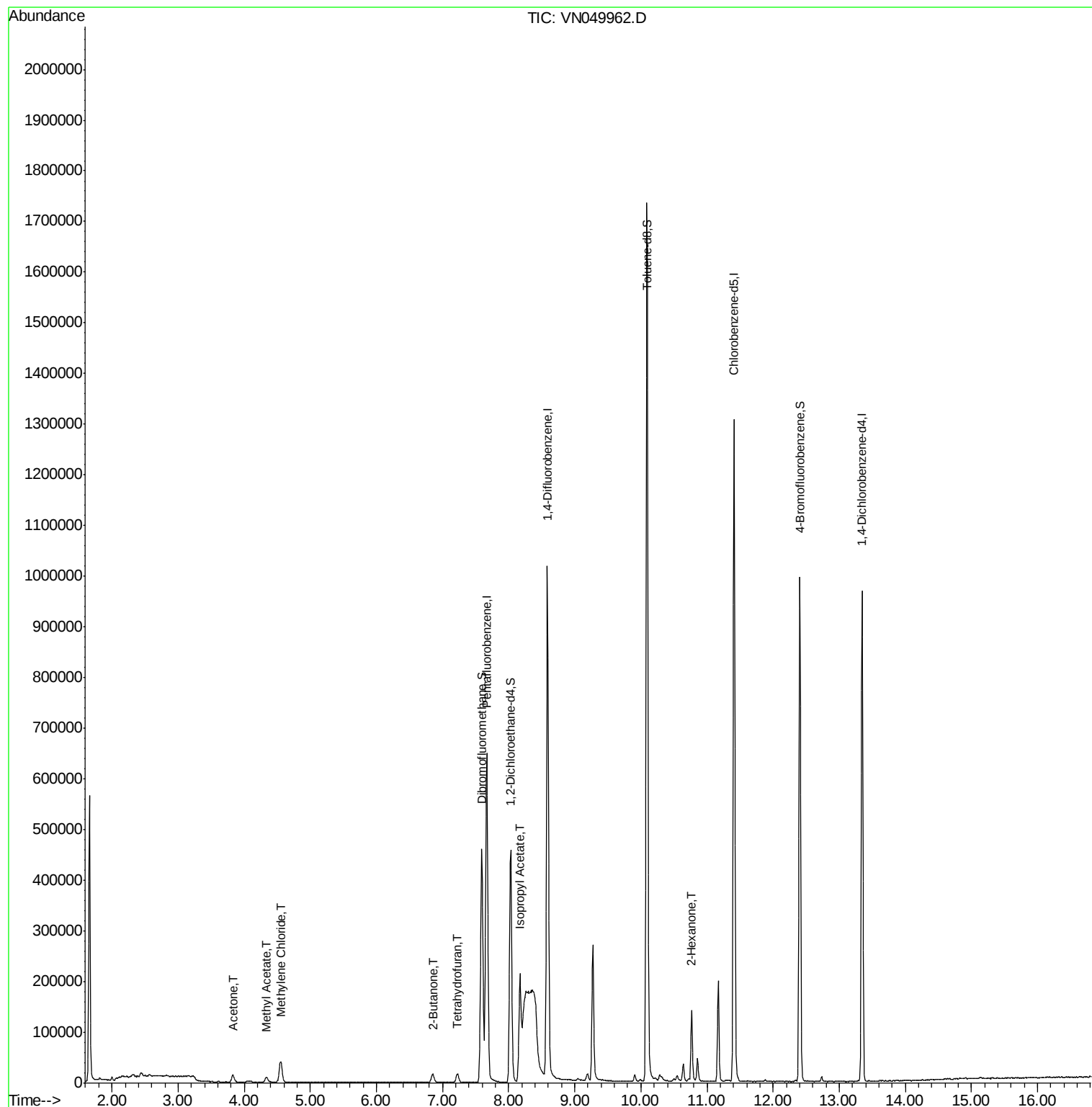
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	23550	11.80	ug/l	97
18) Methyl Acetate	4.33	43	20055	2.41	ug/l	97
20) Methylene Chloride	4.54	84	32749	4.32	ug/l	96
25) 2-Butanone	6.85	43	27578	9.67	ug/l	92
29) Tetrahydrofuran	7.22	42	14204	7.91	ug/l	95
43) Isopropyl Acetate	8.17	43	256036	20.65	ug/l	99
59) 2-Hexanone	10.77	43	20584	4.42	ug/l #	57

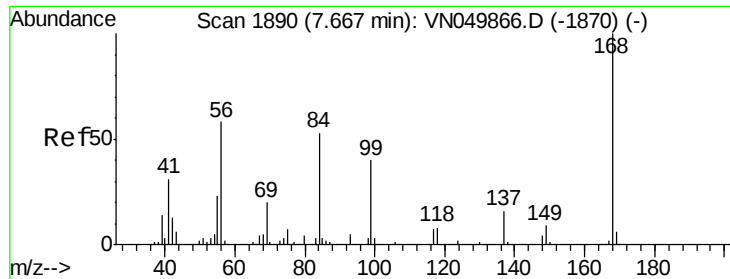
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

Instrument :

MSVOA_N

ClientSampleId :

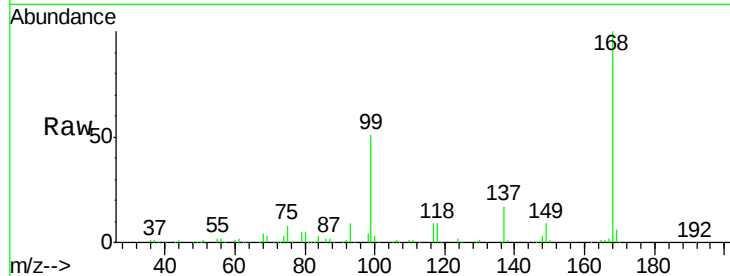
PB111289ZHE#02

Tot Ion:168 Resp: 560650

Ion Ratio Lower Upper

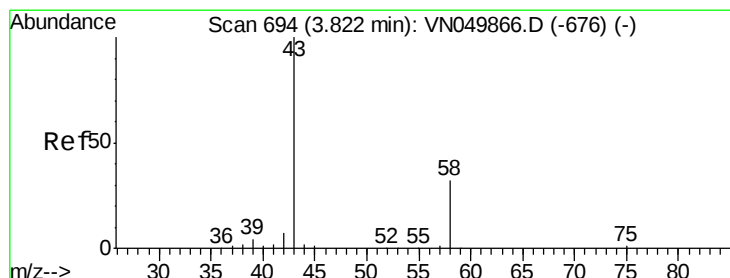
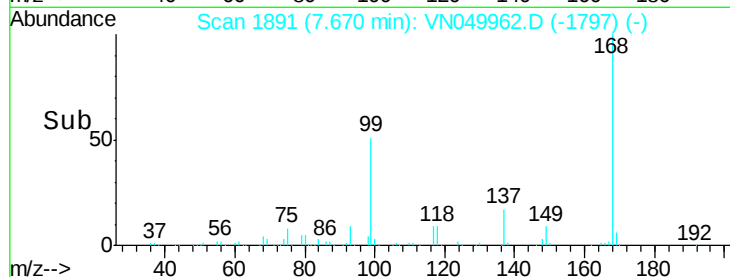
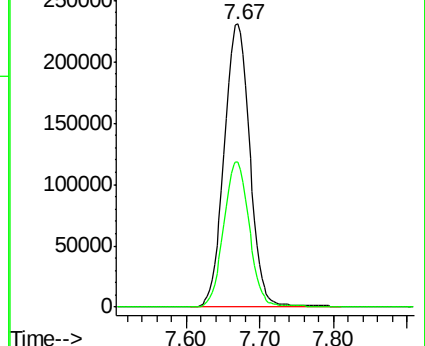
168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.80 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049962.D

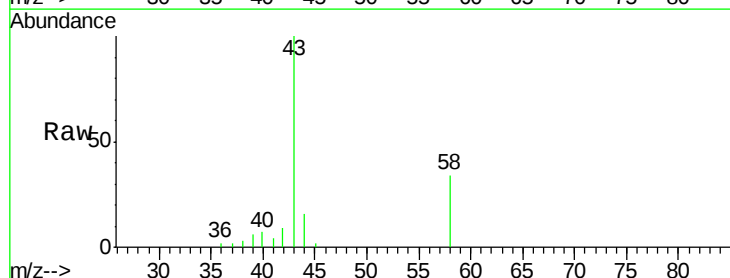
Acq: 20 Jul 2018 15:03

Tgt Ion: 43 Resp: 23550

Ion Ratio Lower Upper

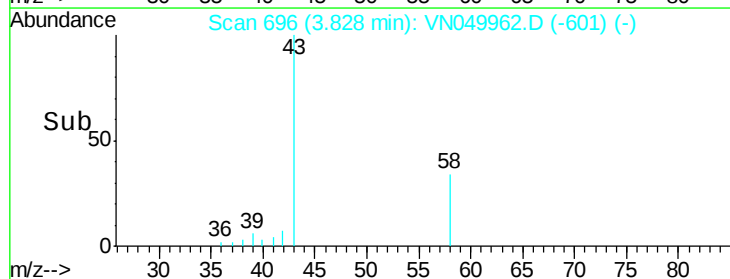
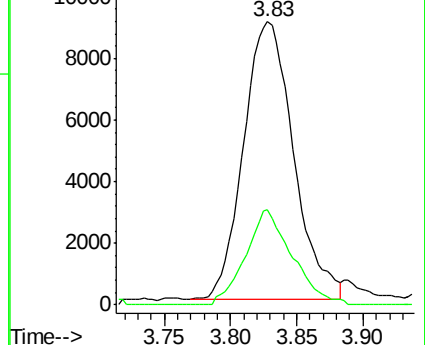
43 100

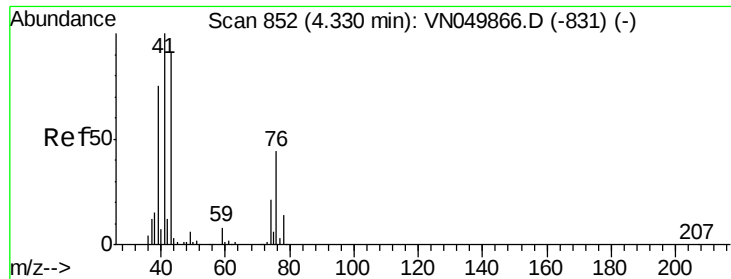
58 34.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

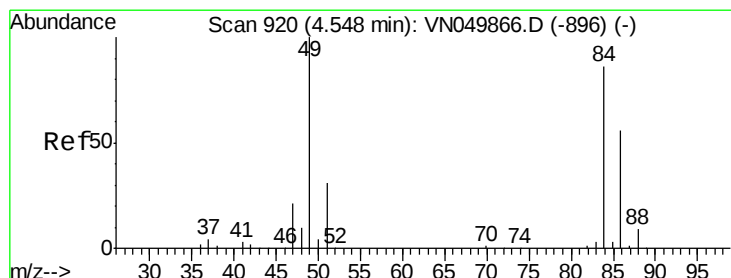
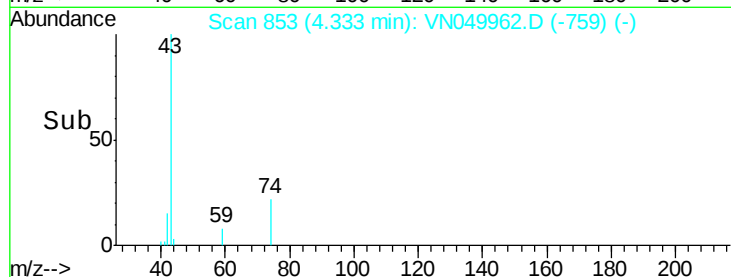
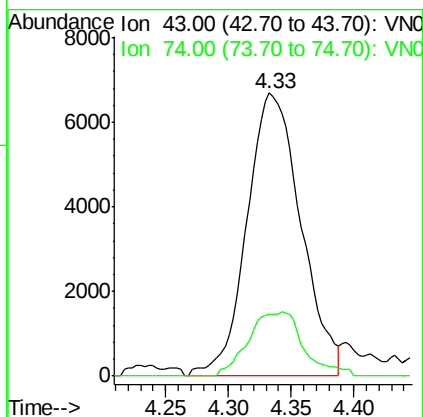
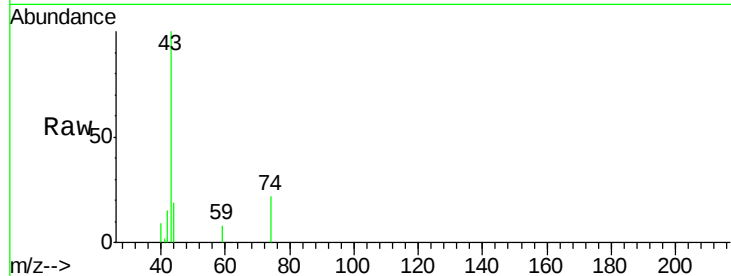




#18
Methvl Acetate
Concen: 2.41 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049962.D
Acq: 20 Jul 2018 15:03

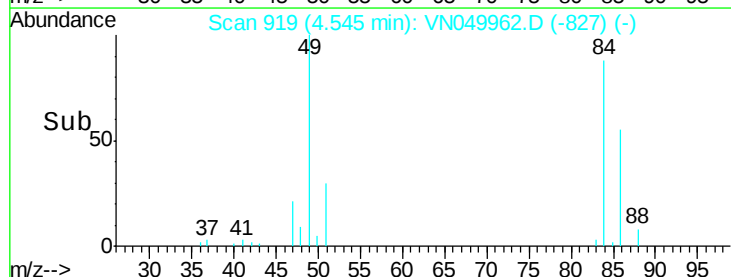
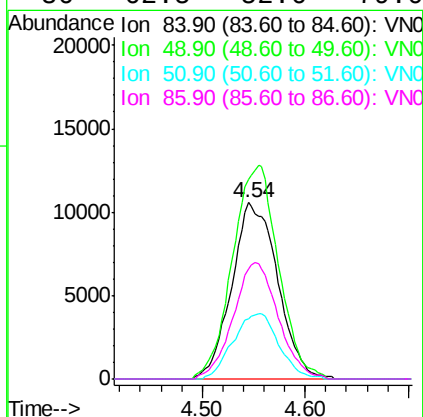
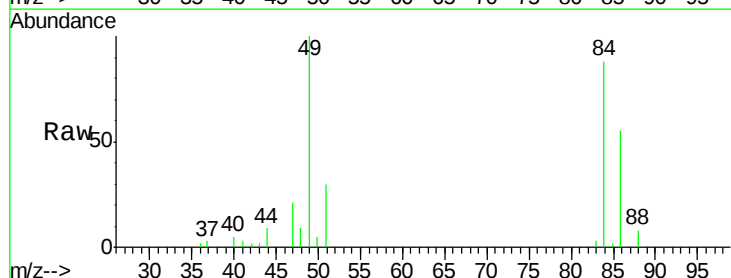
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#02

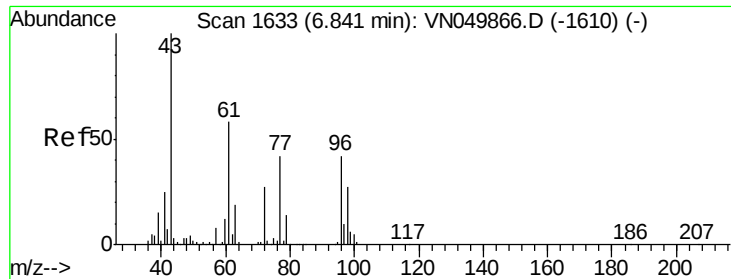
Tot Ion: 43 Resp: 20055
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049962.D
Acq: 20 Jul 2018 15:03

Tgt Ion: 84 Resp: 32749
Ion Ratio Lower Upper
84 100
49 113.4 95.4 143.2
51 34.4 28.4 42.6
86 62.5 52.6 79.0





#25

2-Butanone

Concen: 9.67 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

Instrument :

MSVOA_N

ClientSampleId :

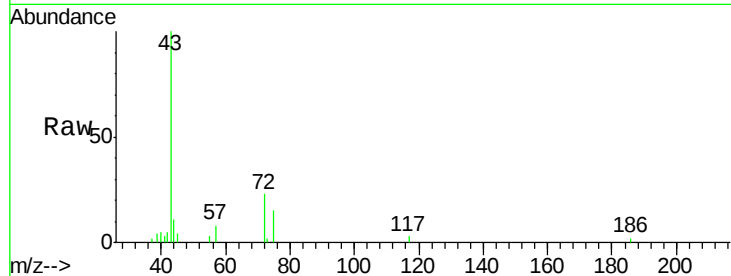
PB111289ZHE#02

Tot Ion: 43 Resp: 27578

Ion Ratio Lower Upper

43 100

72 23.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

10000

8000

6000

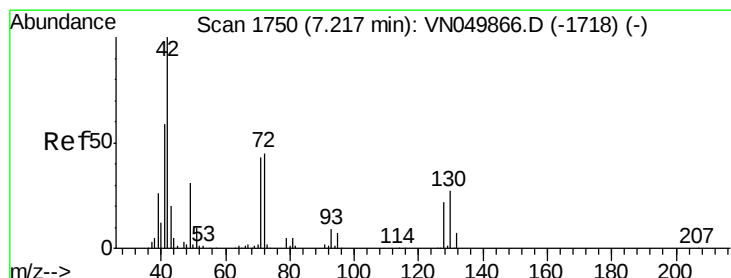
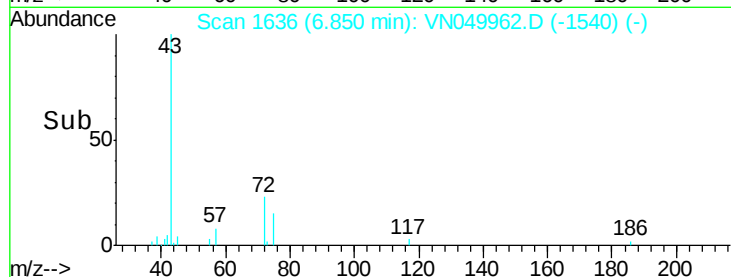
4000

2000

0

6.80 6.90

Time-->



#29

Tetrahydrofuran

Concen: 7.91 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

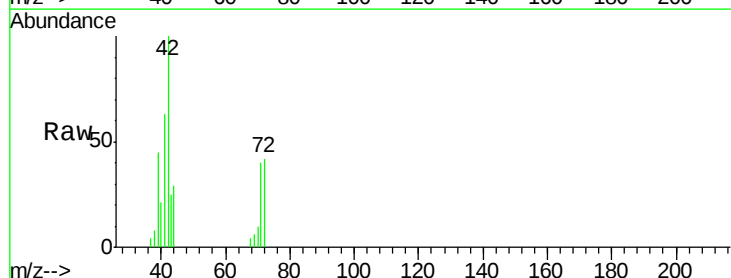
Tgt Ion: 42 Resp: 14204

Ion Ratio Lower Upper

42 100

72 41.6 35.6 53.4

71 39.1 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

6000

5000

4000

3000

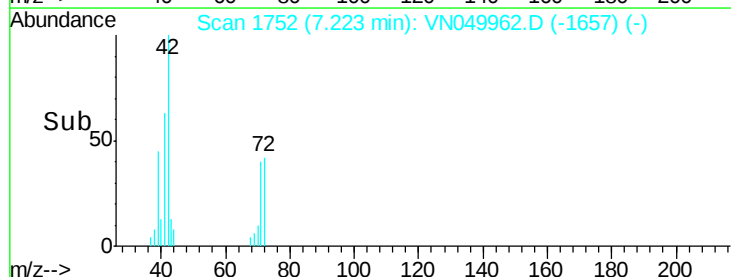
2000

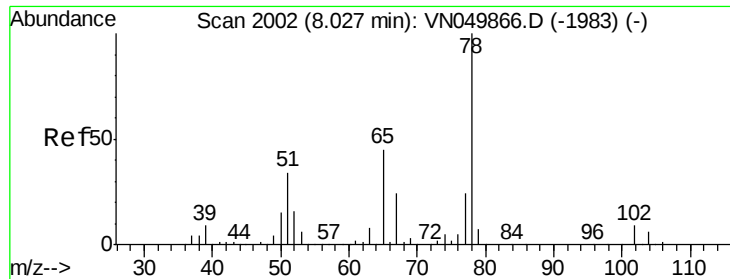
1000

0

7.15 7.20 7.25 7.30

Time-->

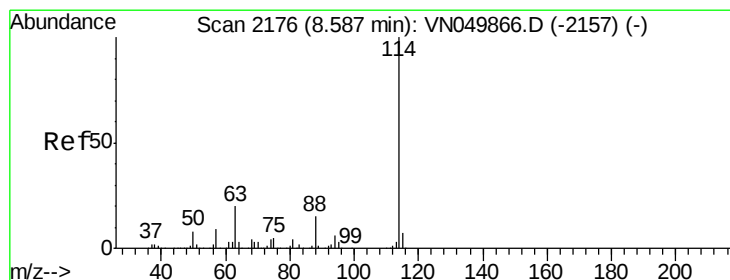
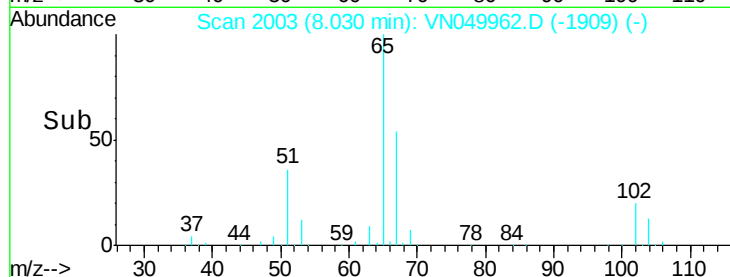
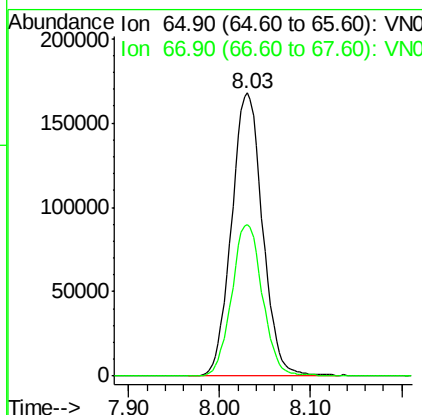
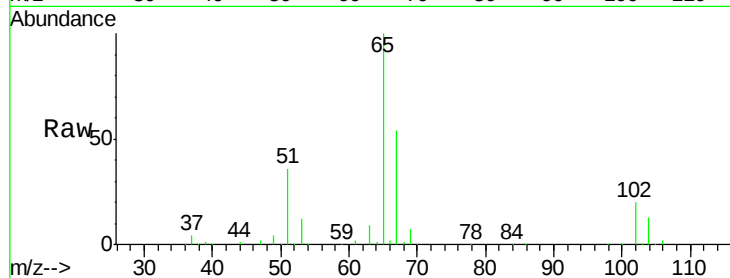




#33
 1,2-Dichloroethane-d4
 Concen: 51.70 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049962.D
 Acq: 20 Jul 2018 15:03

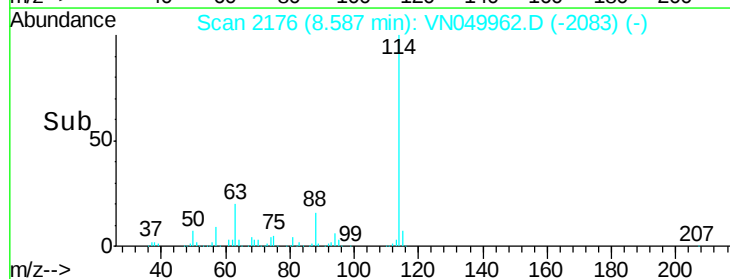
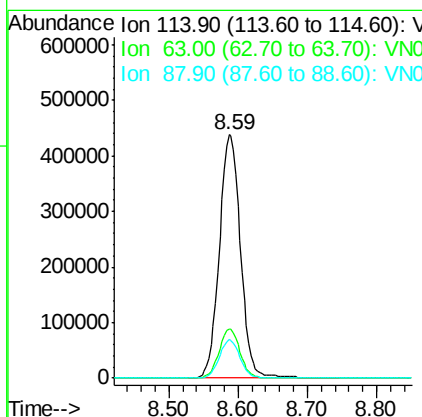
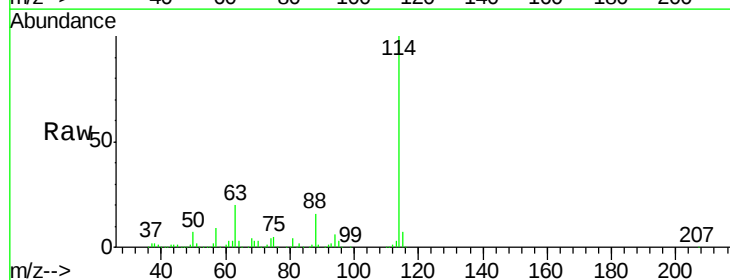
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#02

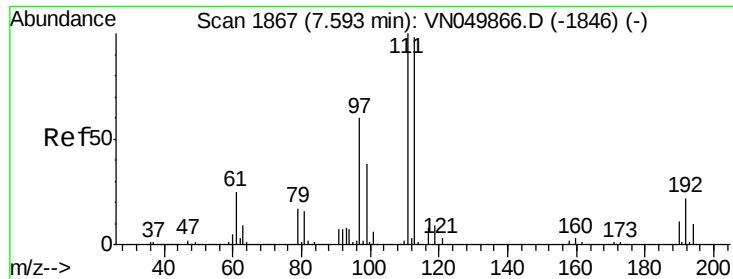
Tot Ion: 65 Resp: 398405
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049962.D
 Acq: 20 Jul 2018 15:03

Tgt Ion: 114 Resp: 929348
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 30.6

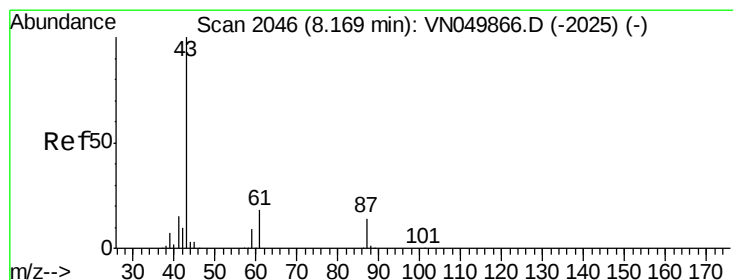
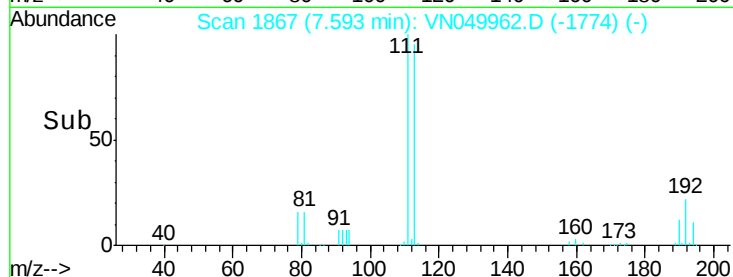
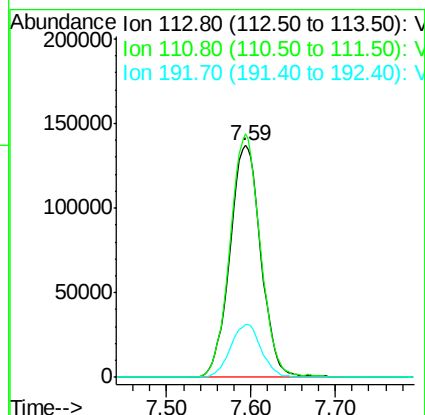
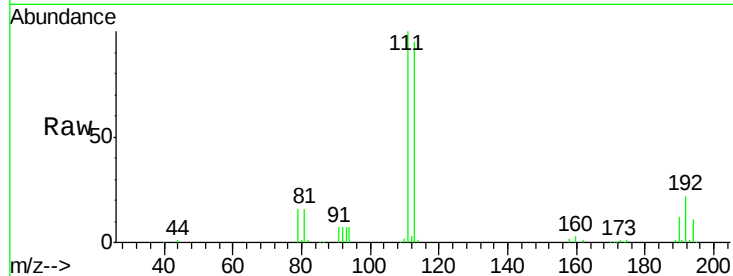




#35
 Dibromofluoromethane
 Concen: 44.85 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049962.D
 Acq: 20 Jul 2018 15:03

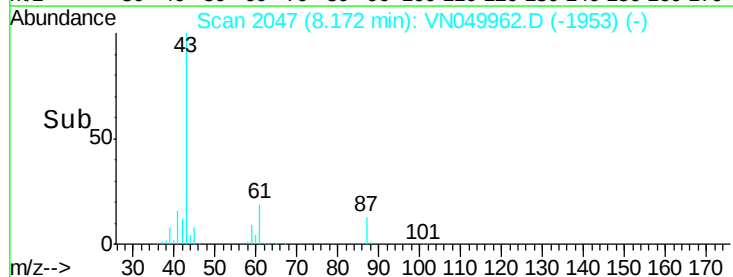
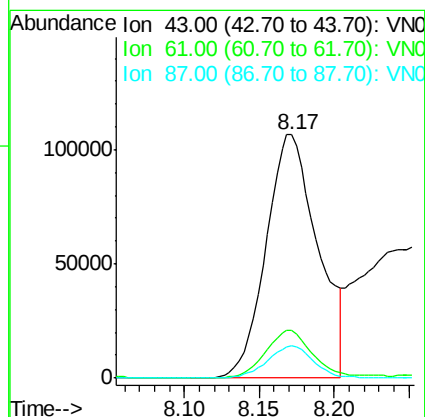
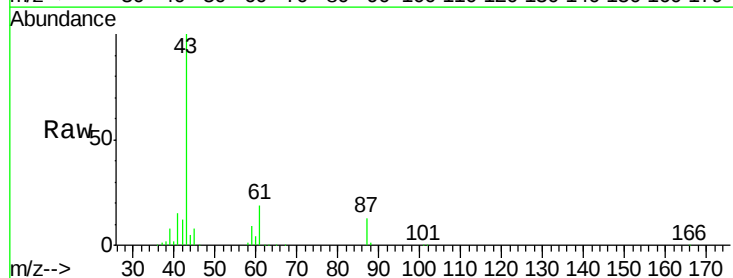
Instrument :
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 ClientSampleId :
 PB111289ZHE#02

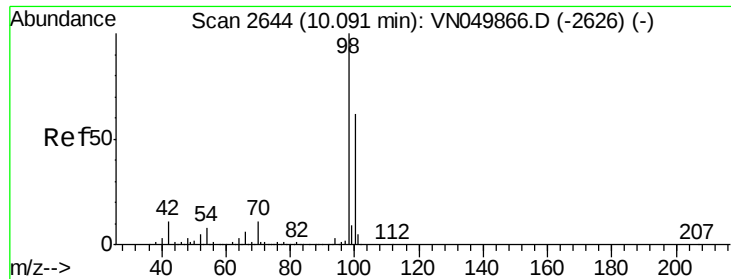
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	22.7	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 20.65 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049962.D
 Acq: 20 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.9	10.0	15.0





#50

Toluene-d8

Concen: 43.68 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

Instrument :

MSVOA_N

ClientSampleId :

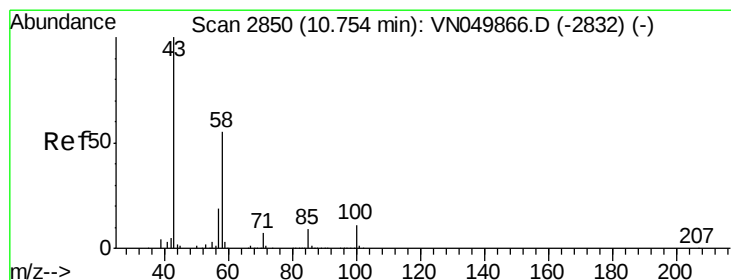
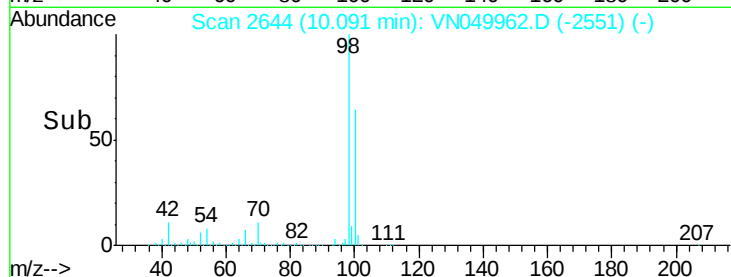
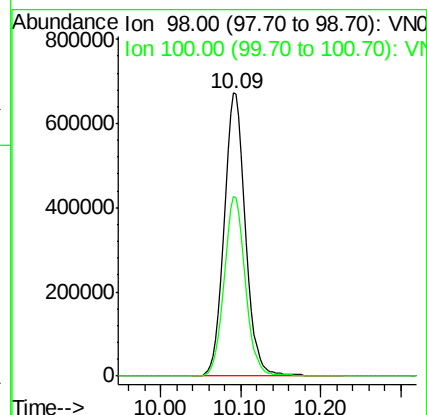
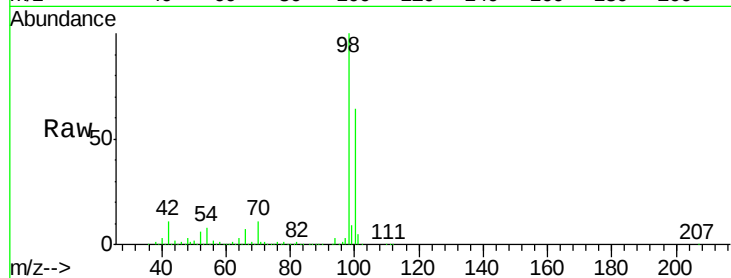
PB111289ZHE#02

Tot Ion: 98 Resp: 1241704

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#59

2-Hexanone

Concen: 4.42 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN049962.D

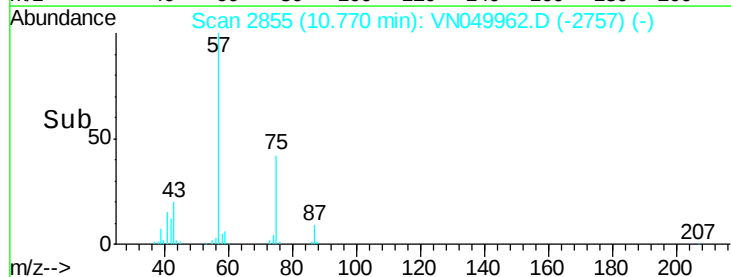
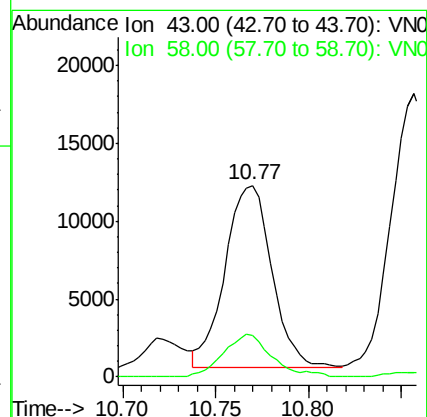
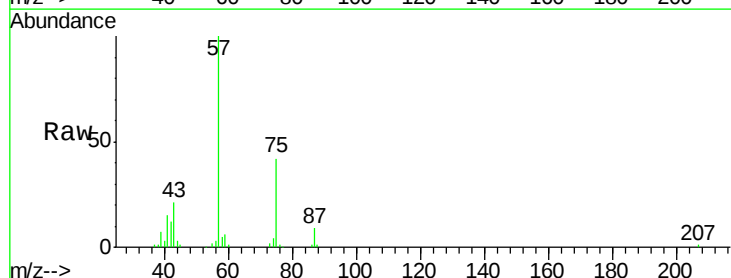
Acq: 20 Jul 2018 15:03

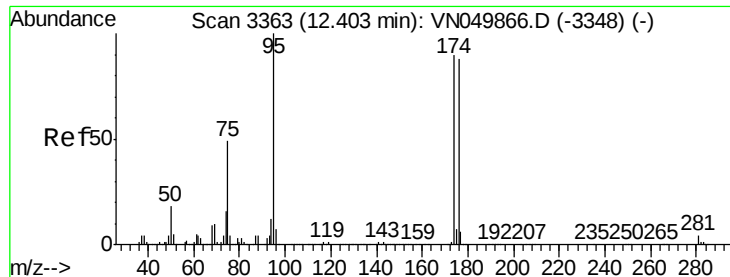
Tgt Ion: 43 Resp: 20584

Ion Ratio Lower Upper

43 100

58 24.0 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#02

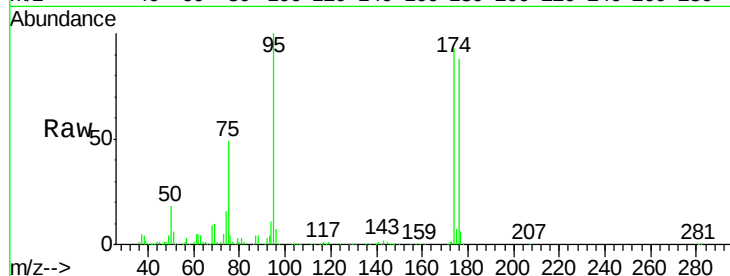
Tot Ion: 95 Resp: 335971

Ion Ratio Lower Upper

95 100

174 92.7 0.0 179.6

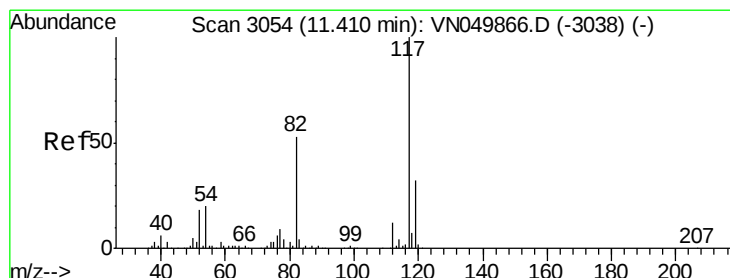
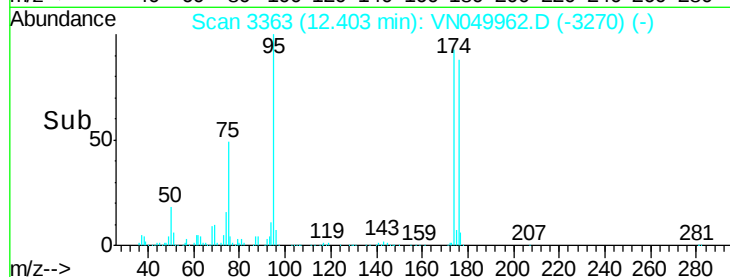
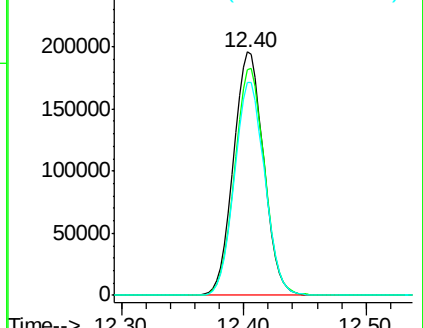
176 87.8 0.0 174.0



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

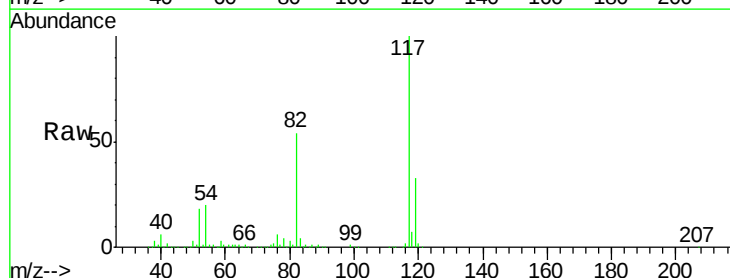
Tgt Ion: 117 Resp: 783649

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

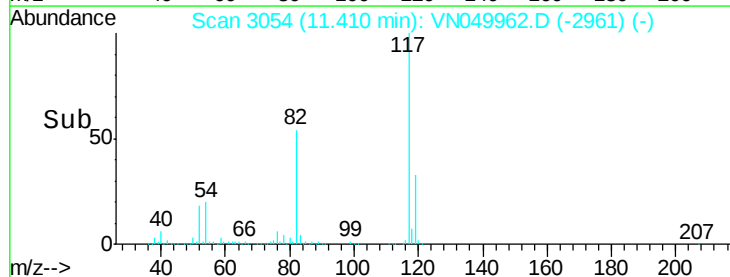
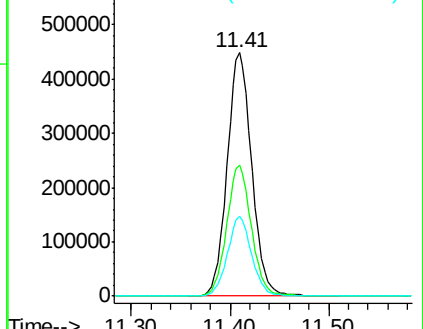
119 32.5 25.4 38.2

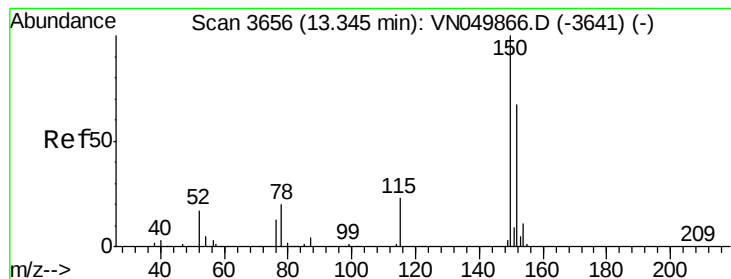


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049962.D

Acq: 20 Jul 2018 15:03

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#02

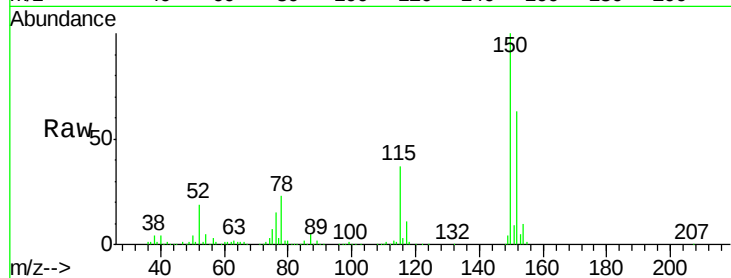
Tot Ion:152 Resp: 275838

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 157.7 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

