

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049968.D
 Acq On : 20 Jul 2018 17:39
 Operator : MD\SY
 Sample : PB111289ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#08

Quant Time: Jul 21 02:18:22 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	549071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	938593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296707	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	403543	53.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.94%	
35) Dibromofluoromethane	7.59	113	354447	44.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.96%	
50) Toluene-d8	10.09	98	1236785	43.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.16%	
62) 4-Bromofluorobenzene	12.40	95	345578	34.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.90%	

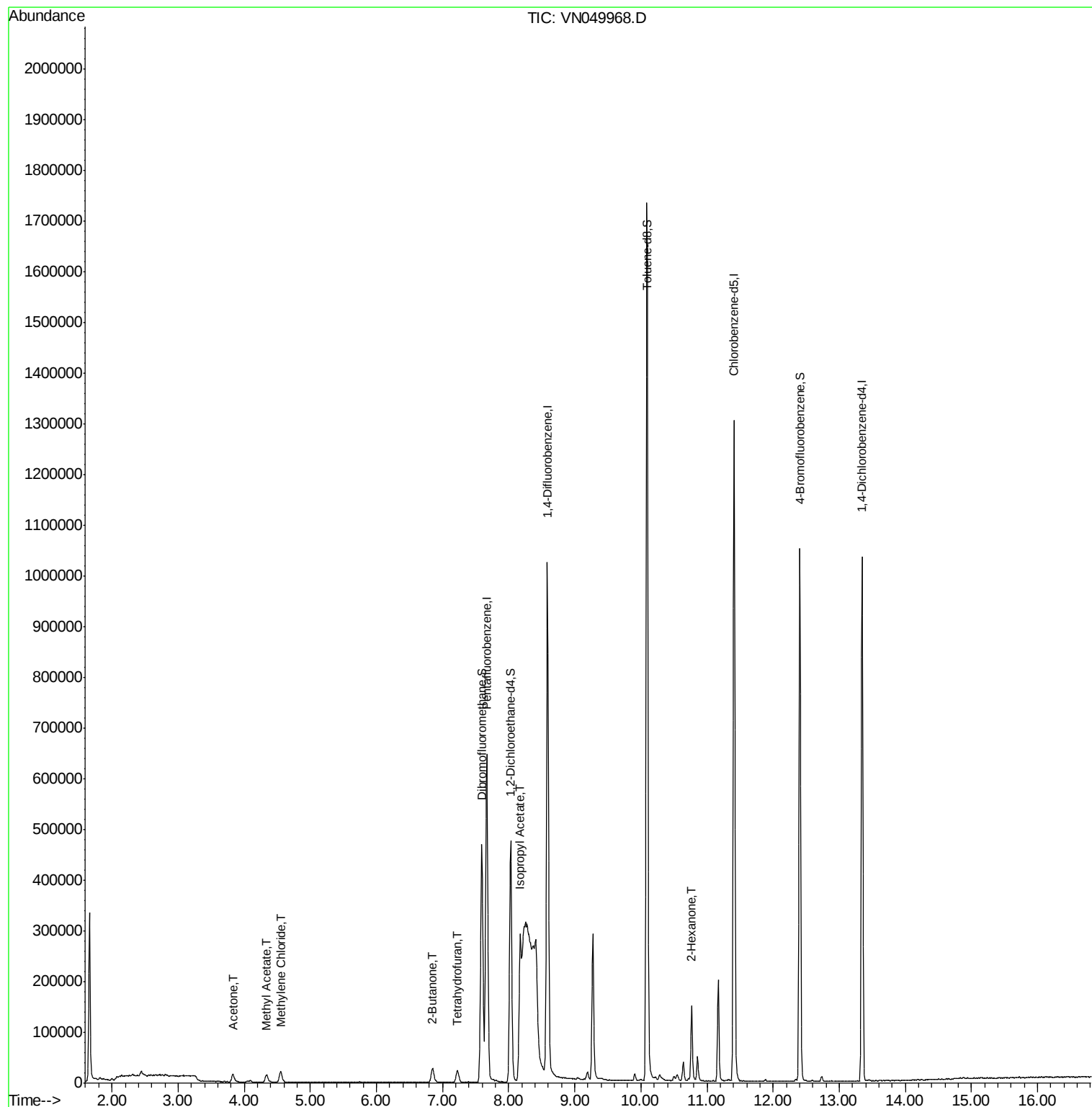
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26392	13.51	ug/l	100
18) Methyl Acetate	4.34	43	28448	3.87	ug/l	94
20) Methylene Chloride	4.55	84	15383	2.07	ug/l	95
25) 2-Butanone	6.85	43	39647	14.20	ug/l	98
29) Tetrahydrofuran	7.23	42	18833	10.71	ug/l	95
43) Isopropyl Acetate	8.18	43	352069	28.12	ug/l #	90
59) 2-Hexanone	10.77	43	21112	4.49	ug/l #	57

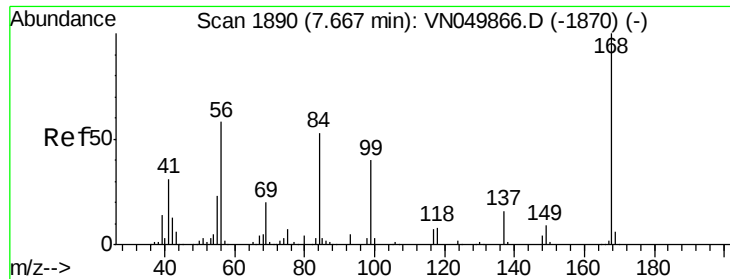
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

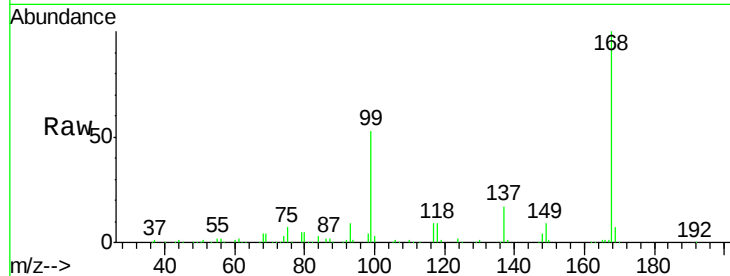
PB111289ZHE#08

Tot Ion:168 Resp: 549071

Ion Ratio Lower Upper

168 100

99 53.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

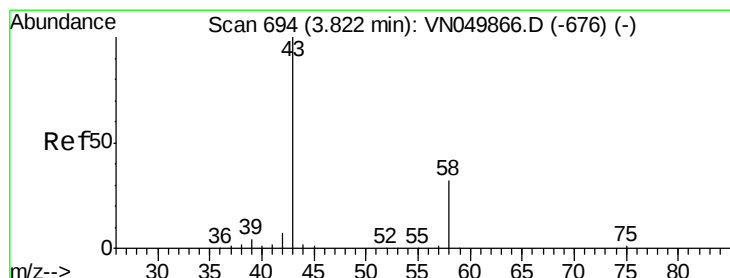
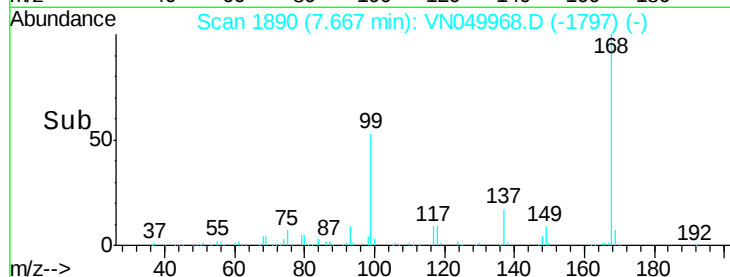
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 13.51 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049968.D

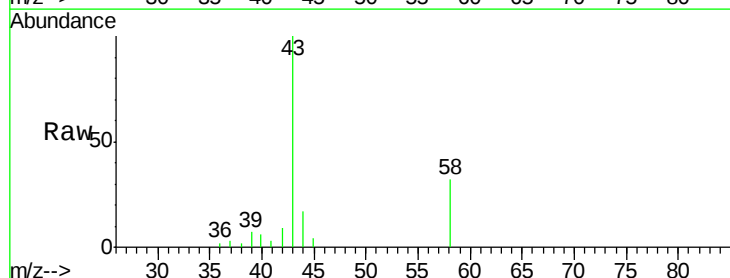
Acq: 20 Jul 2018 17:39

Tgt Ion: 43 Resp: 26392

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

12000

10000

8000

6000

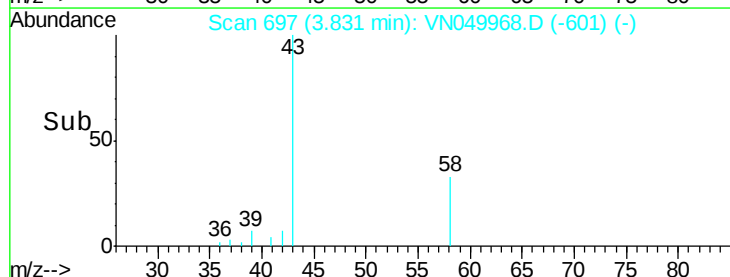
4000

2000

0

Time-->

3.70 3.80 3.90





#18

Methyl Acetate

Concen: 3.87 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

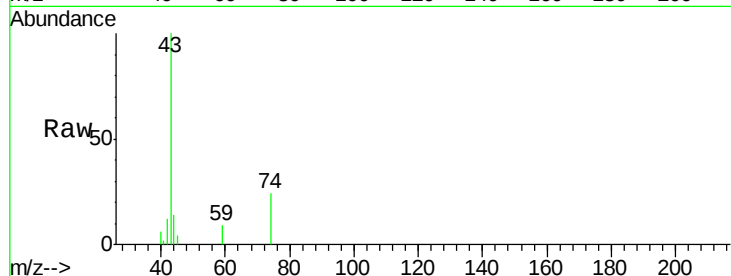
PB111289ZHE#08

Tot Ion: 43 Resp: 28448

Ion Ratio Lower Upper

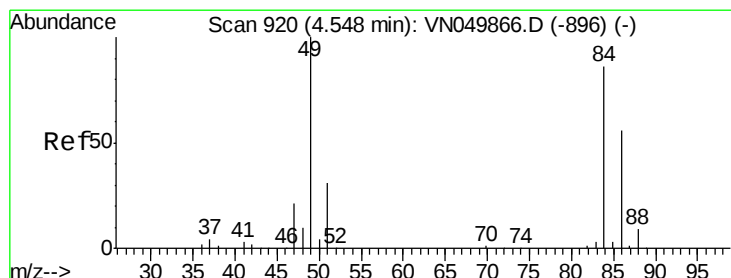
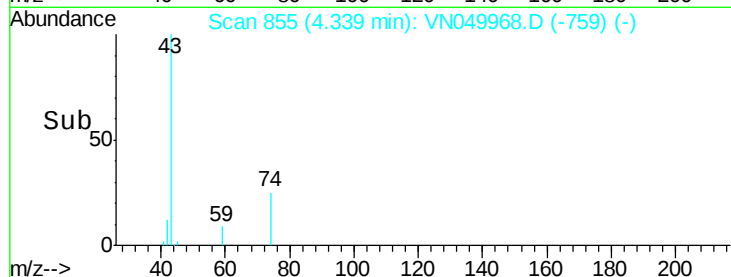
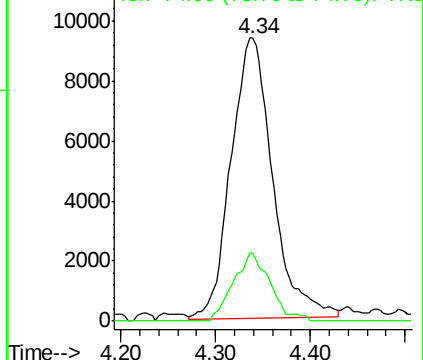
43 100

74 21.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 2.07 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

Tgt Ion: 84 Resp: 15383

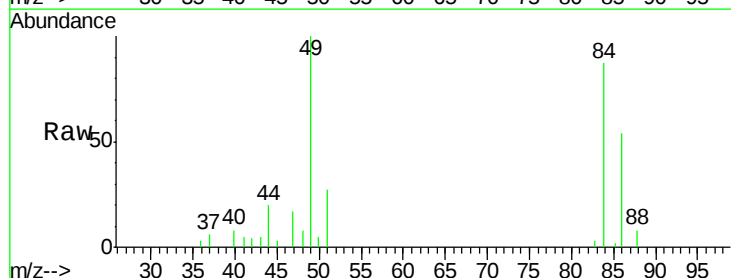
Ion Ratio Lower Upper

84 100

49 114.5 95.4 143.2

51 31.0 28.4 42.6

86 62.0 52.6 79.0

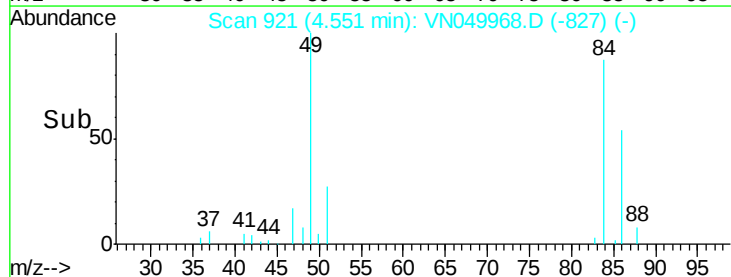
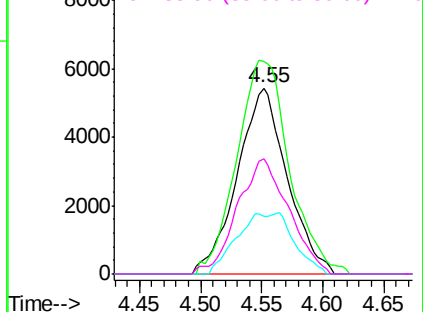


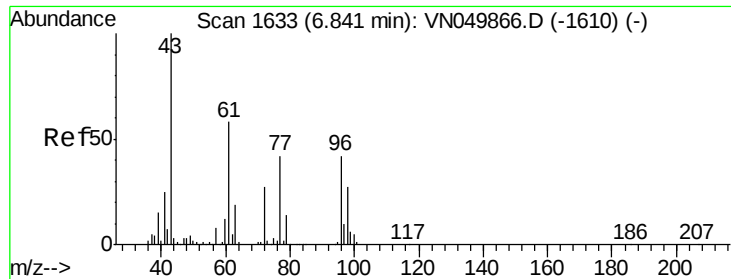
Abundance Ion 83.90 (83.60 to 84.60): VN0

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





#25

2-Butanone

Concen: 14.20 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

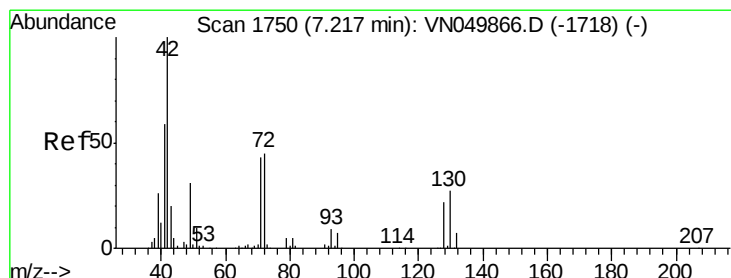
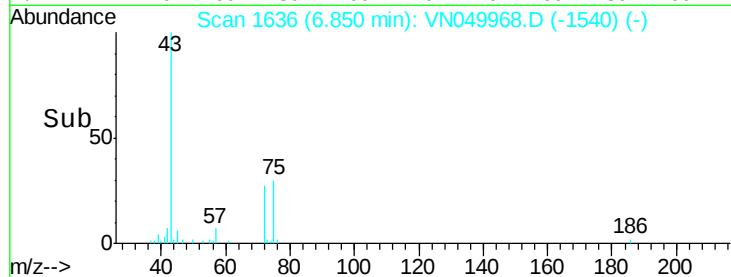
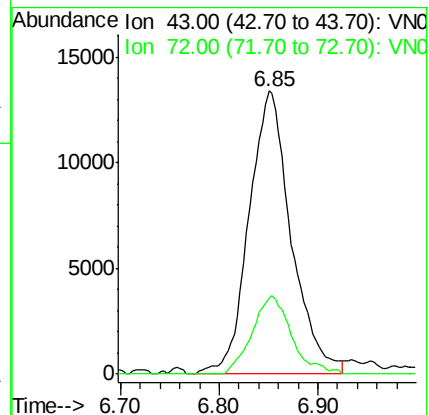
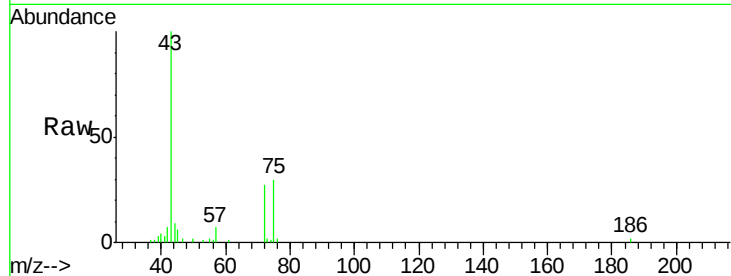
PB111289ZHE#08

Tot Ion: 43 Resp: 39647

Ion Ratio Lower Upper

43 100

72 26.8 22.1 33.1



#29

Tetrahydrofuran

Concen: 10.71 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

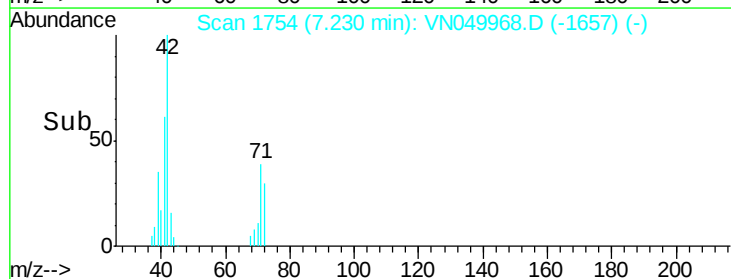
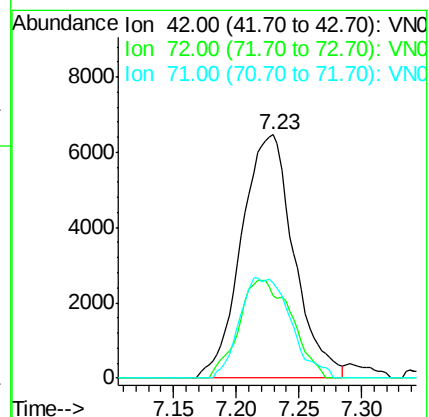
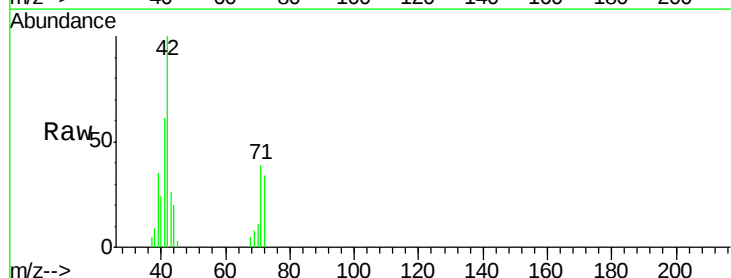
Tgt Ion: 42 Resp: 18833

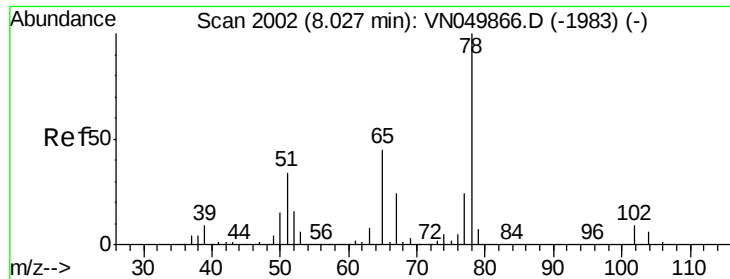
Ion Ratio Lower Upper

42 100

72 40.3 35.6 53.4

71 40.1 34.0 51.0

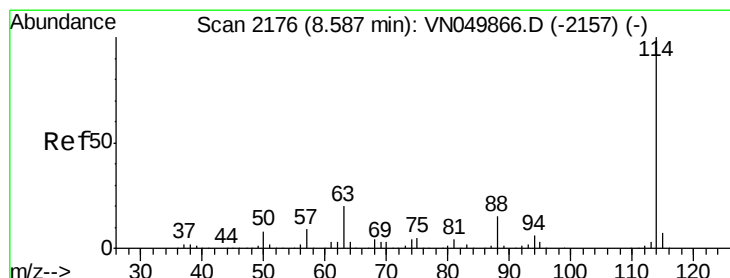
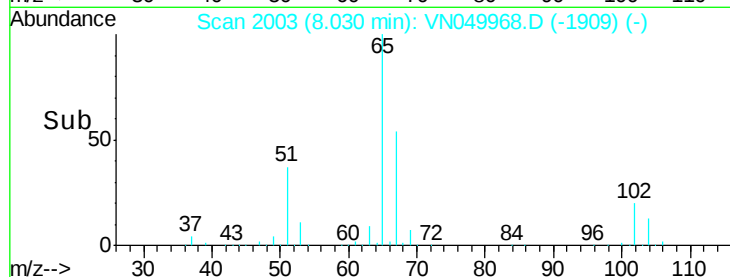
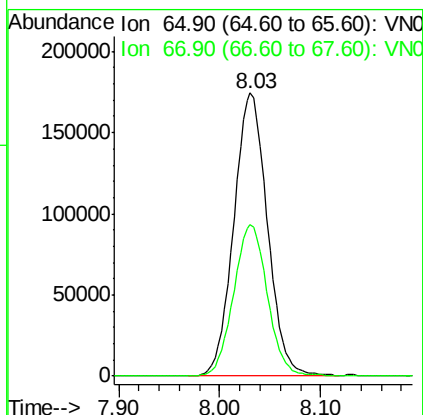
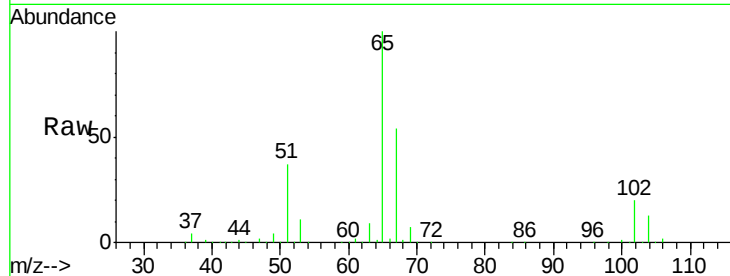




#33
 1,2-Dichloroethane-d4
 Concen: 53.47 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049968.D
 Acq: 20 Jul 2018 17:39

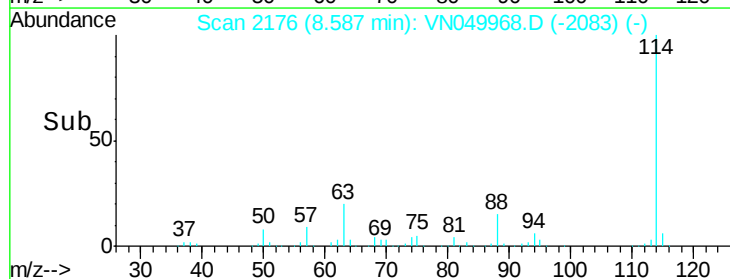
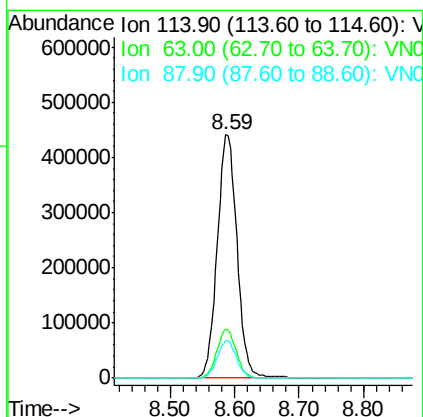
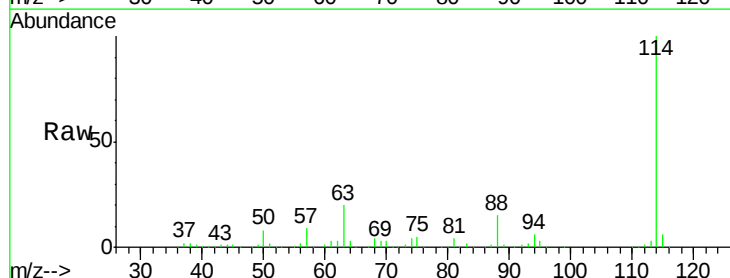
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#08

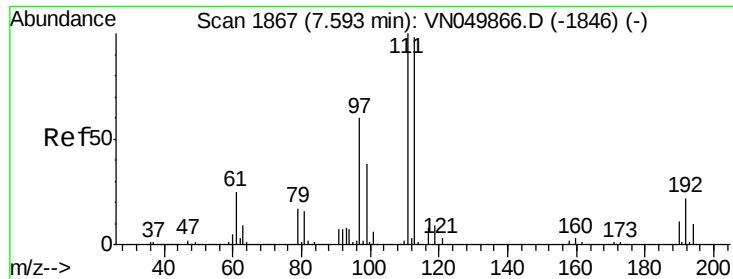
Tot Ion: 65 Resp: 403543
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049968.D
 Acq: 20 Jul 2018 17:39

Tgt Ion: 114 Resp: 938593
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.4 0.0 30.6

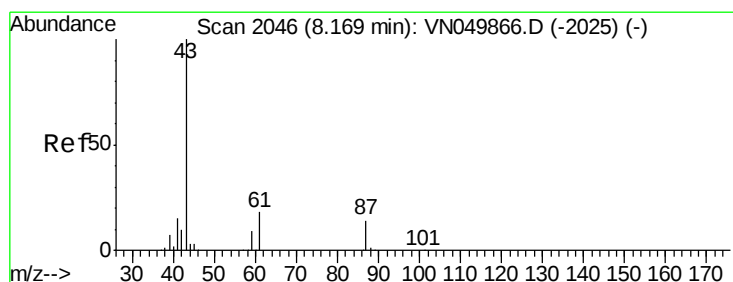
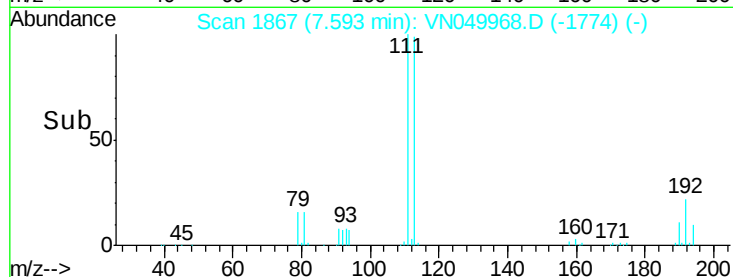
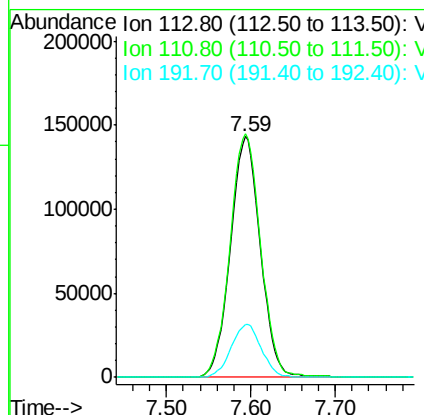
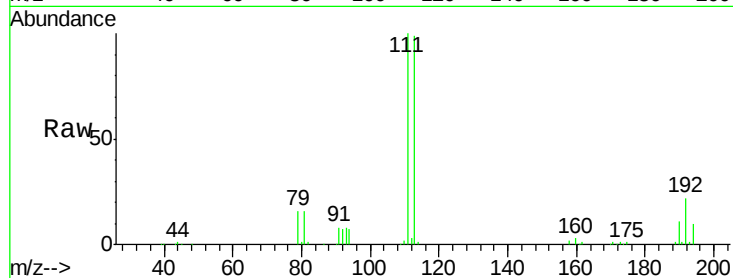




#35
 Dibromofluoromethane
 Concen: 44.98 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049968.D
 Acq: 20 Jul 2018 17:39

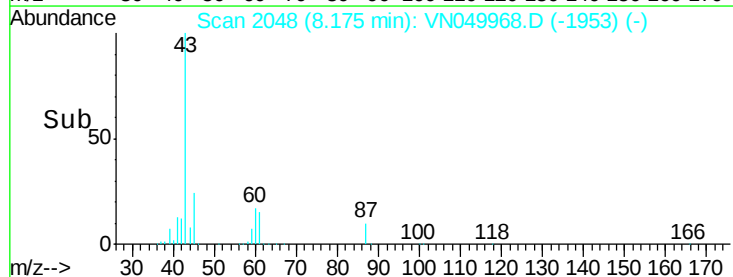
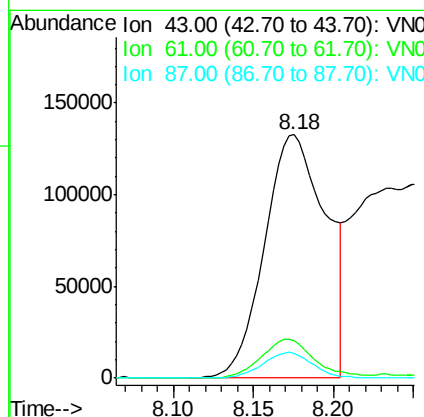
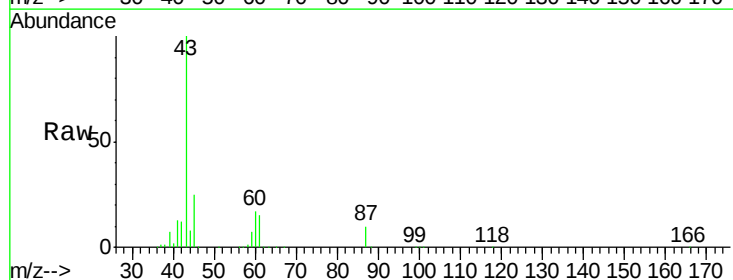
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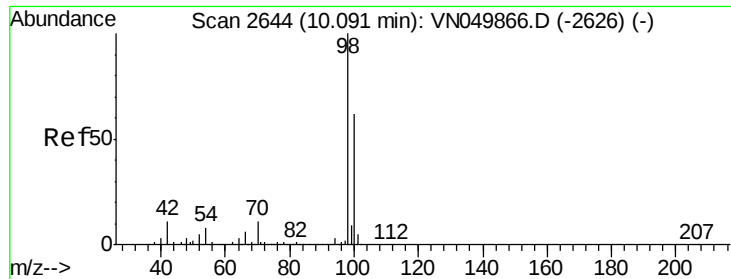
Tot Ion:113 Resp: 354447
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 28.12 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049968.D
 Acq: 20 Jul 2018 17:39

Tgt Ion: 43 Resp: 352069
 Ion Ratio Lower Upper
 43 100
 61 13.7 14.9 22.3#
 87 8.6 10.0 15.0#

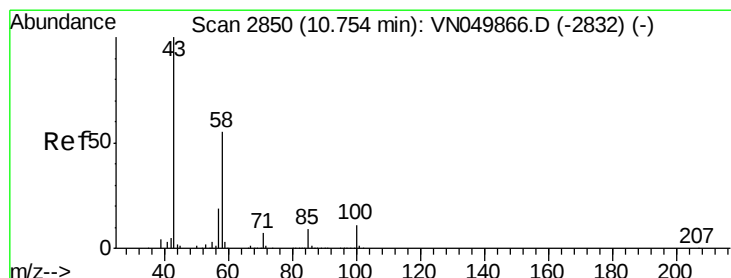
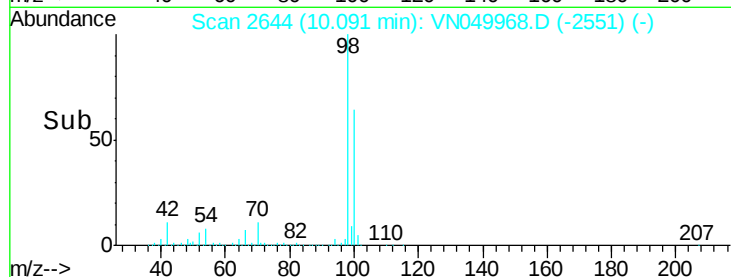
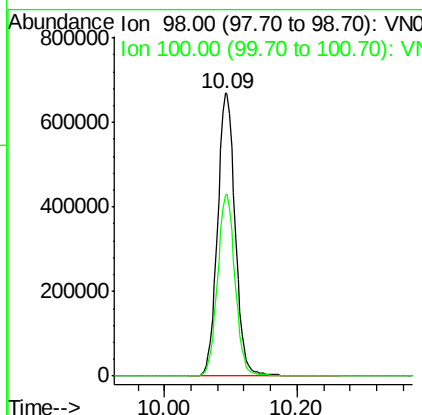
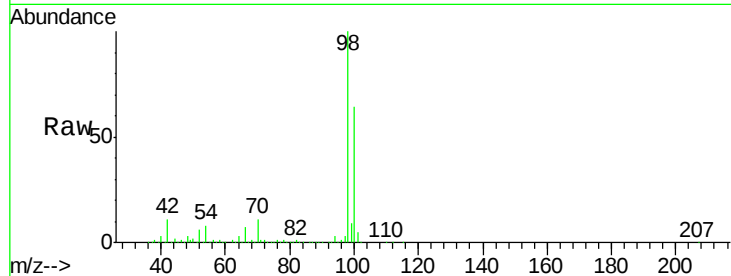




#50
Toluene-d8
Concen: 43.08 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049968.D
Acq: 20 Jul 2018 17:39

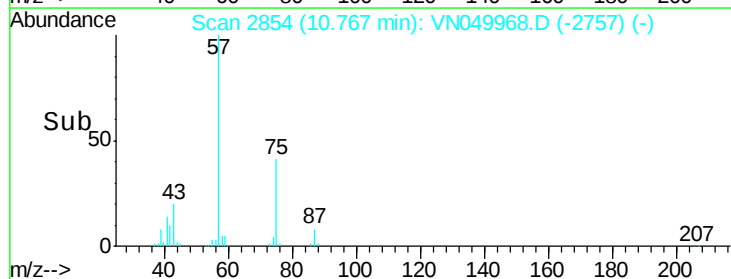
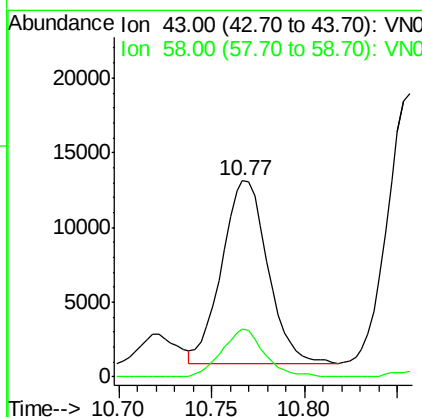
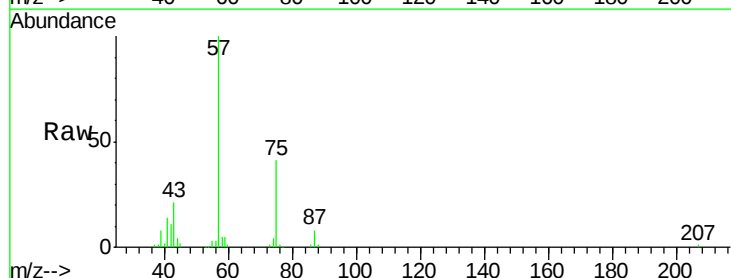
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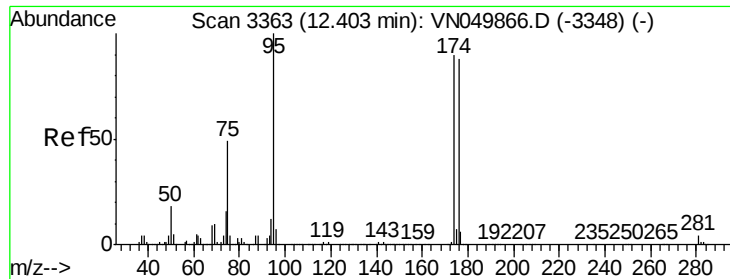
Tot Ion: 98 Resp: 1236785
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#59
2-Hexanone
Concen: 4.49 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049968.D
Acq: 20 Jul 2018 17:39

Tgt Ion: 43 Resp: 21112
Ion Ratio Lower Upper
43 100
58 24.2 27.8 83.4#

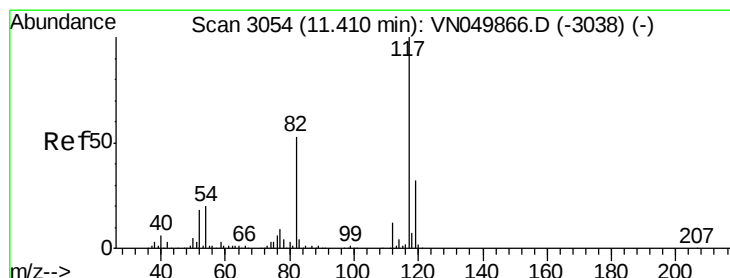
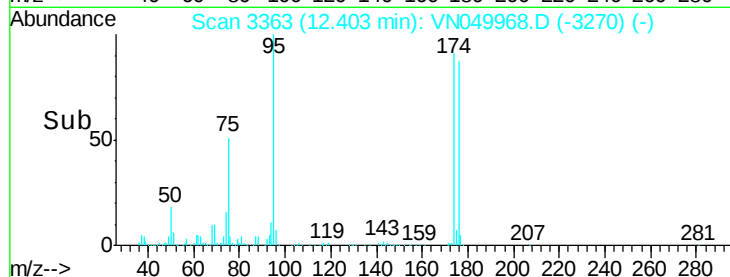
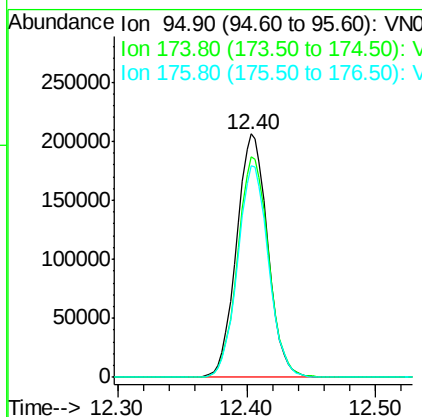
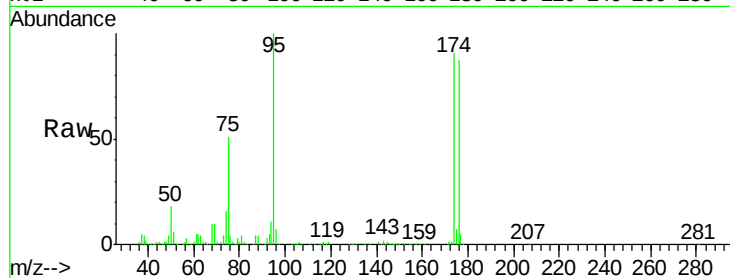




#62
4-Bromofluorobenzene
Concen: 34.95 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049968.D
Acq: 20 Jul 2018 17:39

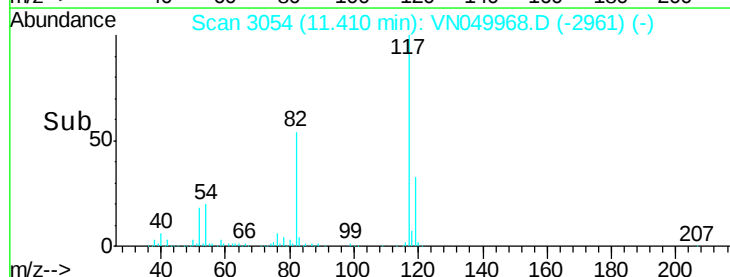
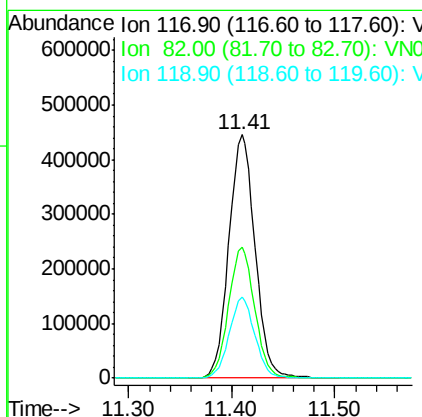
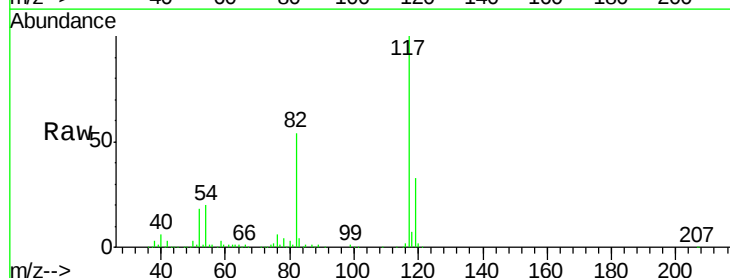
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#08

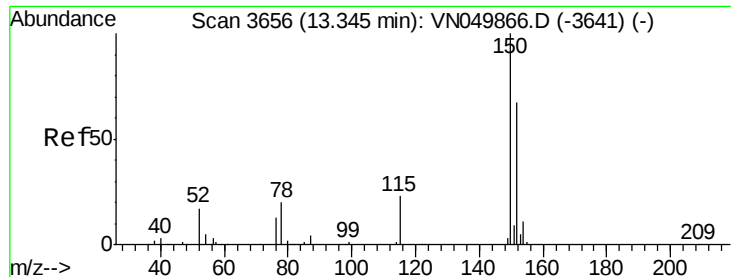
Tot Ion	95	Resp	345578
Ion Ratio	Lower	Upper	
95	100		
174	90.6	0.0	179.6
176	86.5	0.0	174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049968.D
Acq: 20 Jul 2018 17:39

Tgt Ion	117	Resp	789153
Ion Ratio	Lower	Upper	
117	100		
82	53.8	41.9	62.9
119	33.3	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049968.D

Acq: 20 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#08

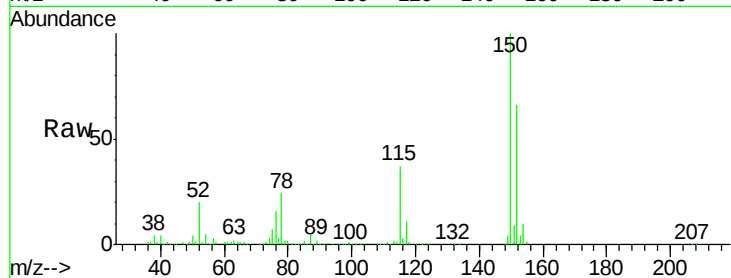
Tot Ion:152 Resp: 296707

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 155.2 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

