

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049965.D
 Acq On : 20 Jul 2018 16:21
 Operator : MD\SY
 Sample : PB111289ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#05

Quant Time: Jul 21 02:07:23 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	552055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	930152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	784954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403831	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	356326	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	10.09	98	1225388	43.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.14%	
62) 4-Bromofluorobenzene	12.40	95	338684	34.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.12%	

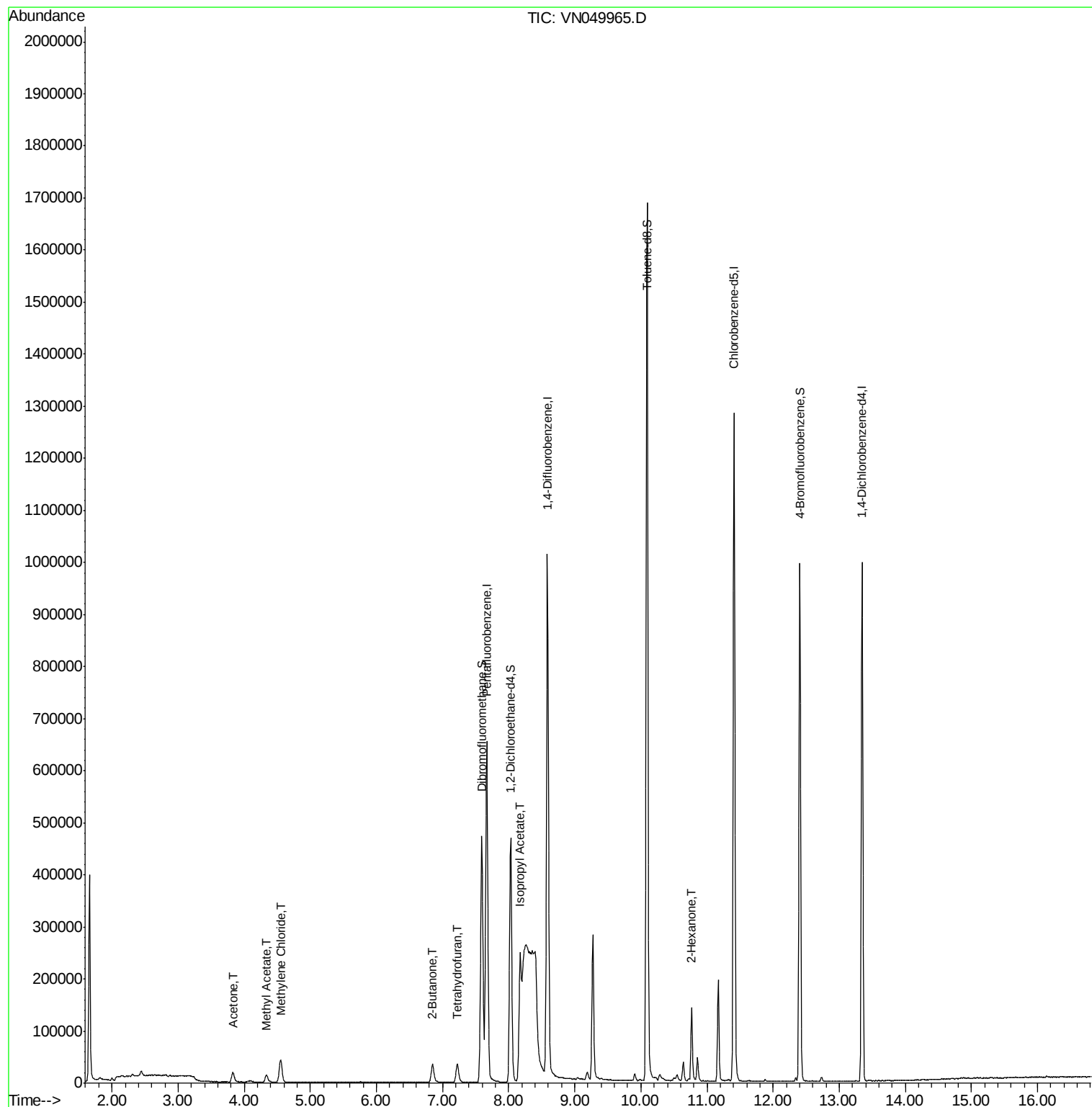
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	33098	16.85	ug/l	96
18) Methyl Acetate	4.34	43	26979	3.60	ug/l #	75
20) Methylene Chloride	4.55	84	32755	4.38	ug/l	93
25) 2-Butanone	6.85	43	56492	20.12	ug/l	98
29) Tetrahydrofuran	7.22	42	27914	15.78	ug/l	97
43) Isopropyl Acetate	8.17	43	306548	24.71	ug/l #	93
59) 2-Hexanone	10.77	43	20093	4.31	ug/l #	55

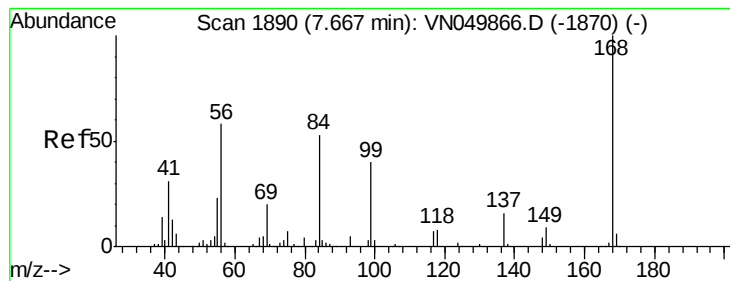
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN049965.D
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Sample : PB111289ZHE#05
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Jul 21 02:07:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
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: VN049965.D

Acq: 20 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

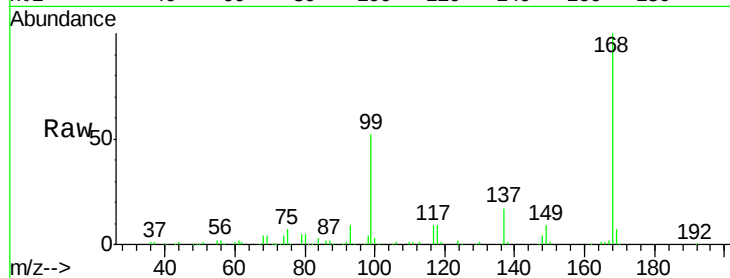
PB111289ZHE#05

Tot Ion:168 Resp: 552055

Ion Ratio Lower Upper

168 100

99 52.2 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

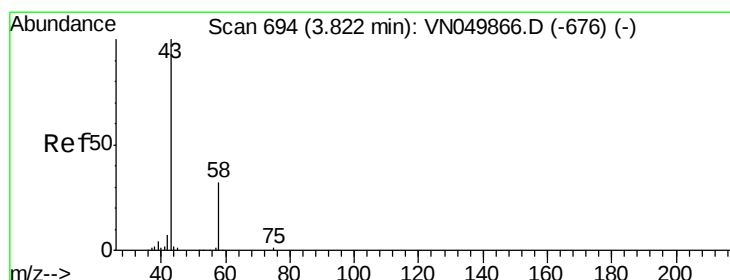
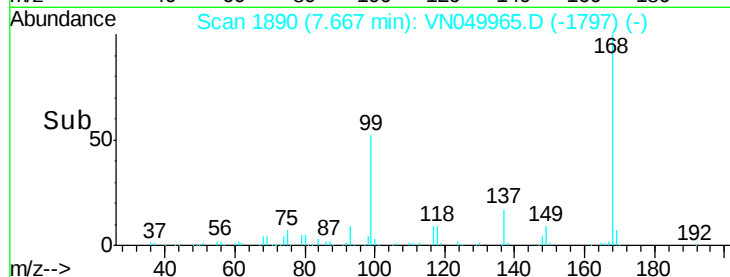
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.85 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049965.D

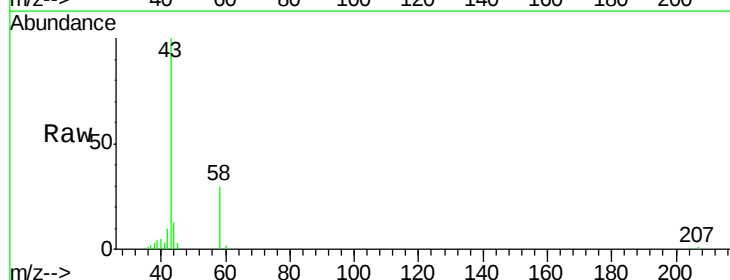
Acq: 20 Jul 2018 16:21

Tgt Ion: 43 Resp: 33098

Ion Ratio Lower Upper

43 100

58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

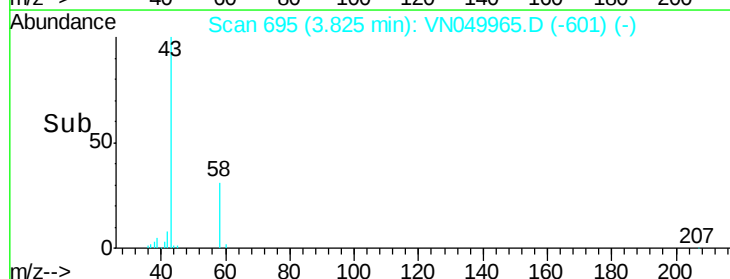
3.82

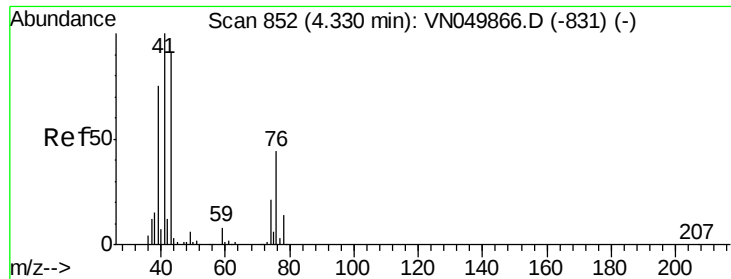
10000

5000

0

Time-->

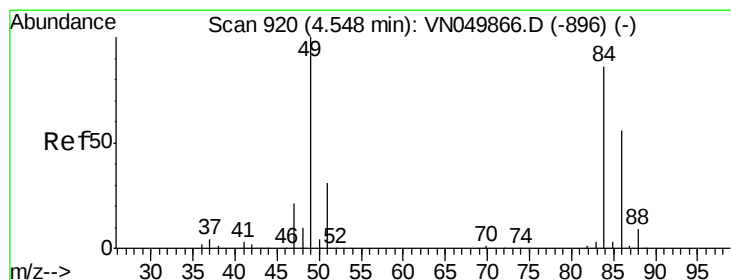
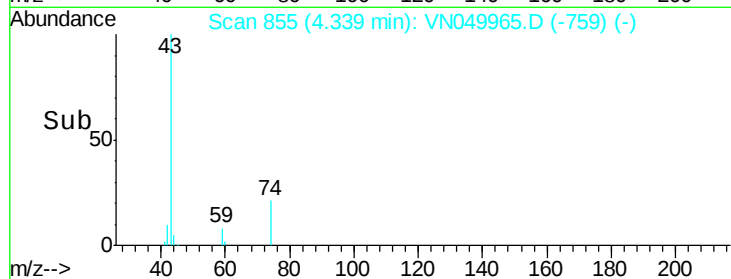
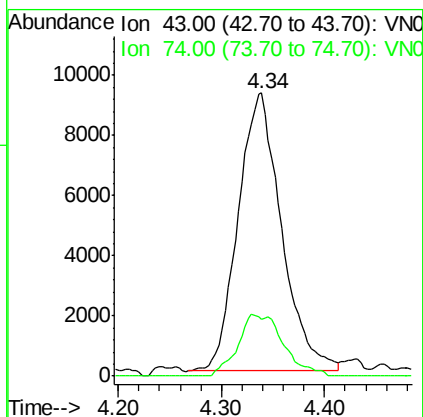
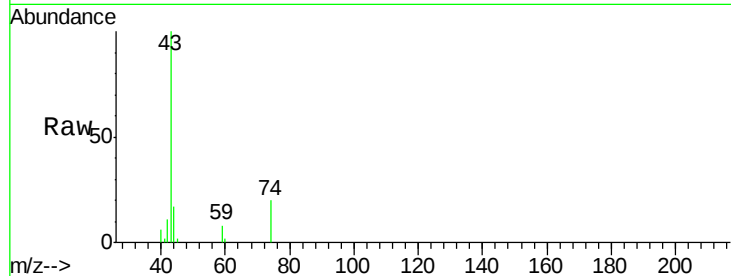




#18
Methvl Acetate
Concen: 3.60 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

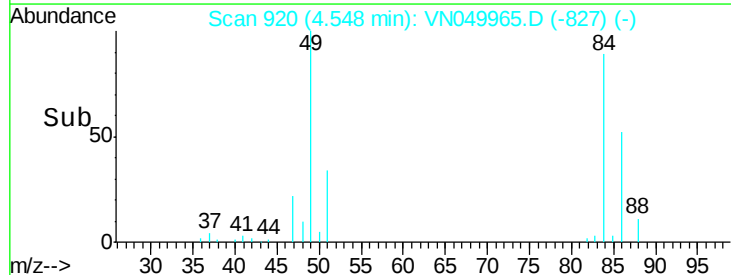
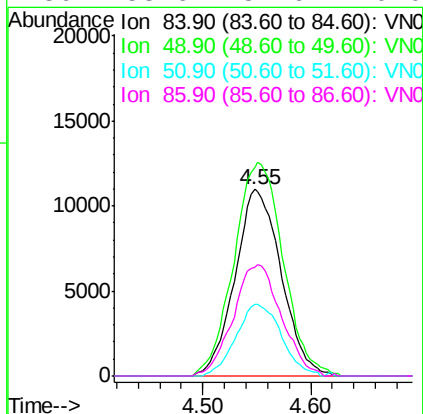
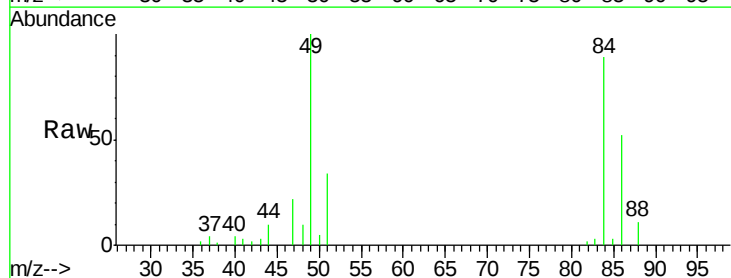
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#05

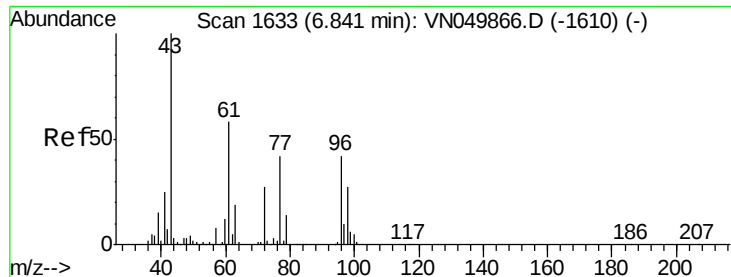
Tot Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
74 12.3 19.8 29.8#



#20
Methylene Chloride
Concen: 4.38 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

Tgt Ion: 84 Resp: 32755
Ion Ratio Lower Upper
84 100
49 112.0 95.4 143.2
51 38.1 28.4 42.6
86 58.6 52.6 79.0





#25

2-Butanone

Concen: 20.12 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049965.D

Acq: 20 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

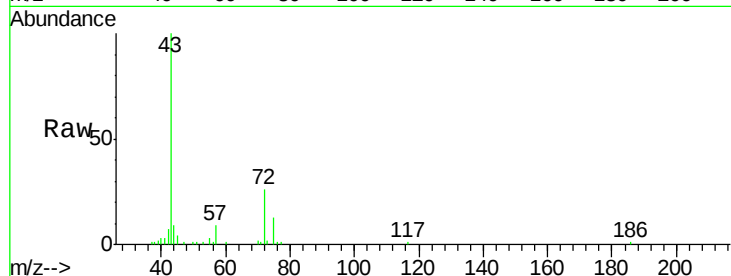
PB111289ZHE#05

Tot Ion: 43 Resp: 56492

Ion Ratio Lower Upper

43 100

72 26.4 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

20000

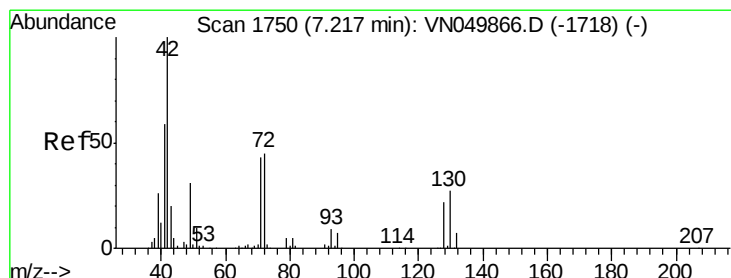
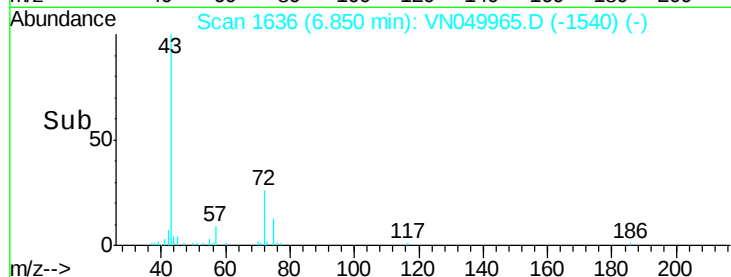
15000

10000

5000

0

Time--> 6.70 6.80 6.90 7.00



#29

Tetrahydrofuran

Concen: 15.78 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049965.D

Acq: 20 Jul 2018 16:21

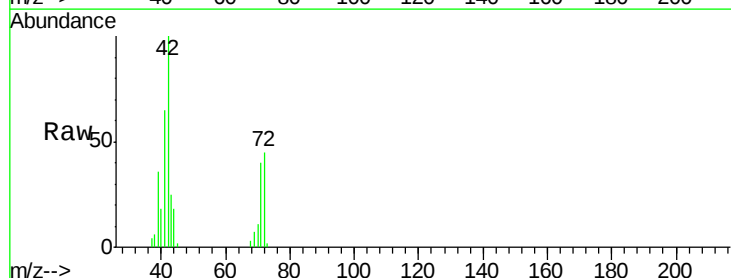
Tgt Ion: 42 Resp: 27914

Ion Ratio Lower Upper

42 100

72 41.0 35.6 53.4

71 42.4 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

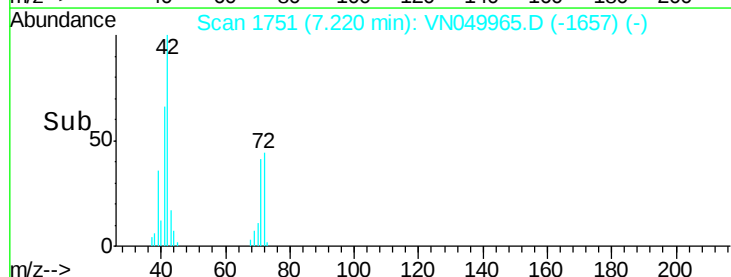
7.22

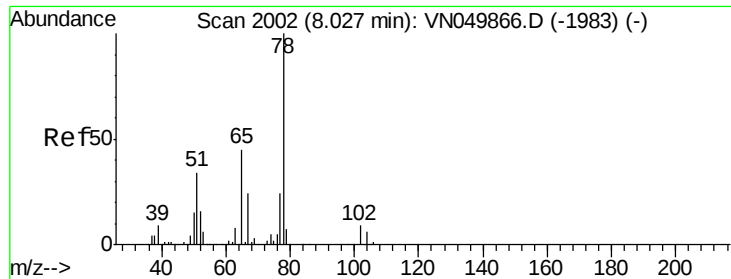
10000

5000

0

Time--> 7.10 7.20 7.30

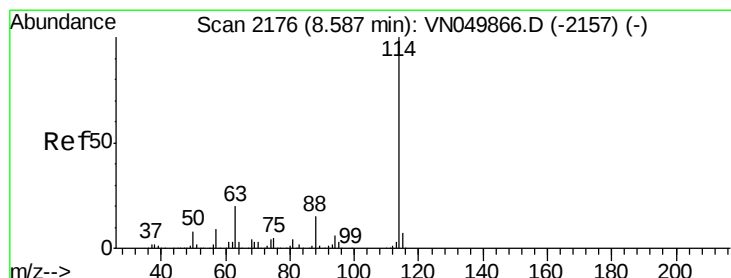
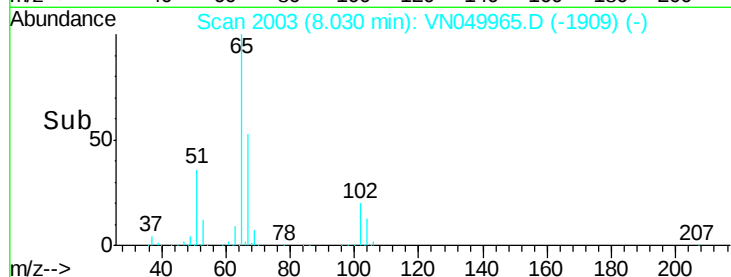
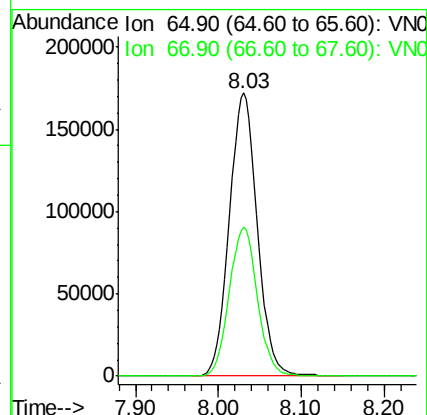
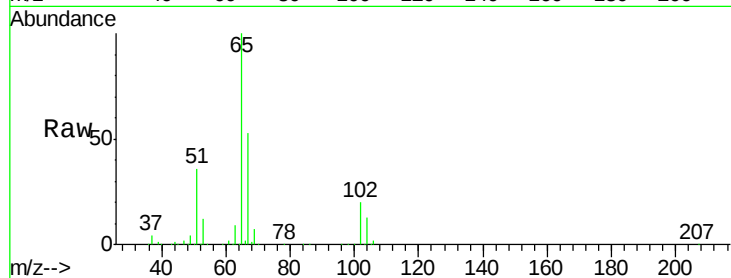




#33
 1,2-Dichloroethane-d4
 Concen: 53.22 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049965.D
 Acq: 20 Jul 2018 16:21

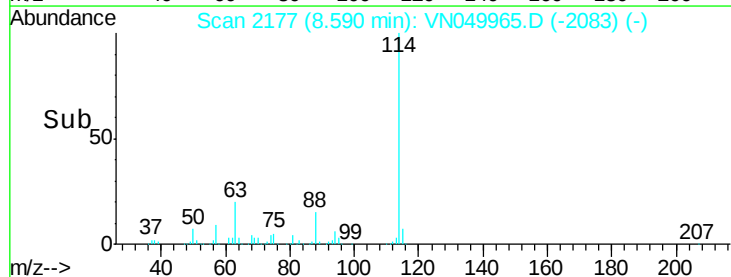
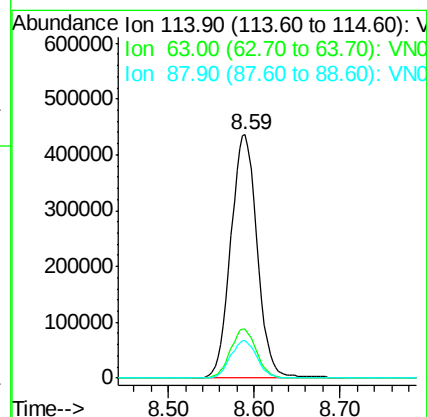
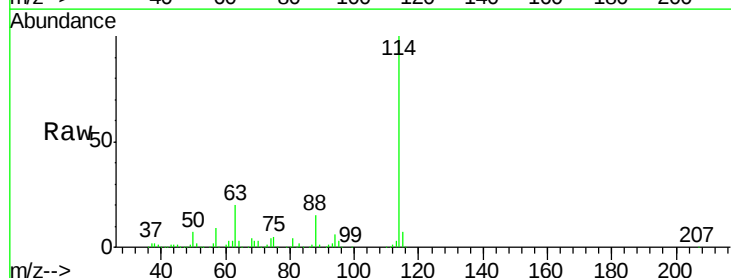
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#05

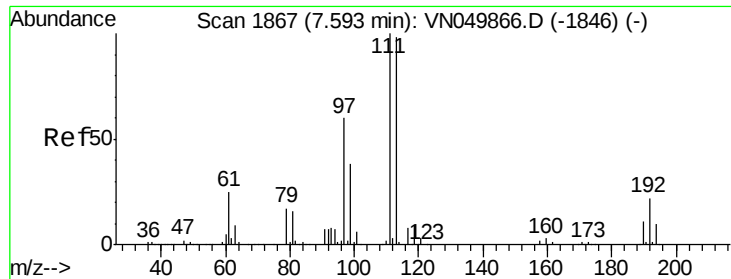
Tot Ion: 65 Resp: 403831
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049965.D
 Acq: 20 Jul 2018 16:21

Tgt Ion: 114 Resp: 930152
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.3 0.0 30.6

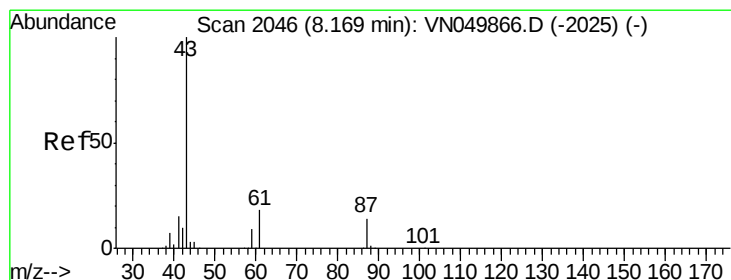
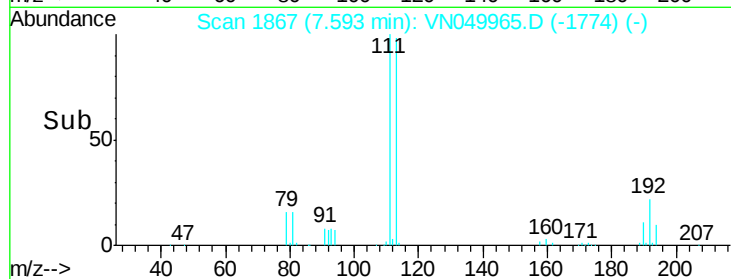
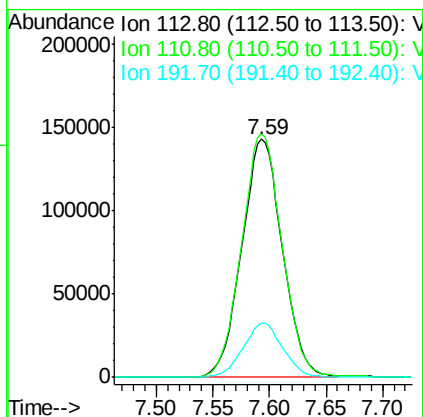
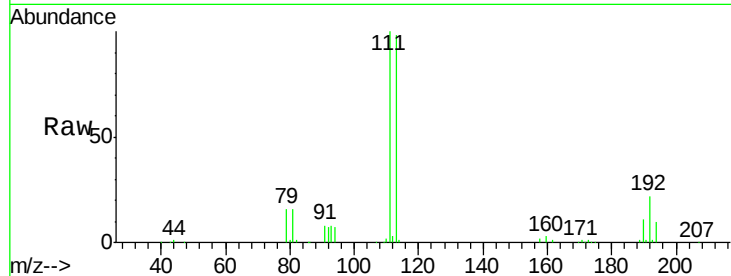




#35
 Dibromofluoromethane
 Concen: 45.63 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049965.D
 Acq: 20 Jul 2018 16:21

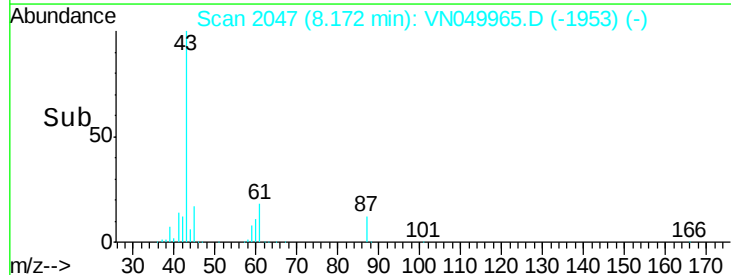
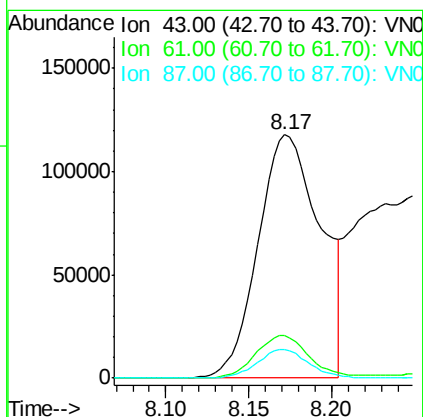
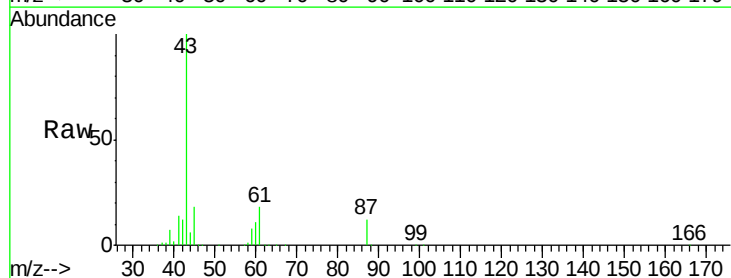
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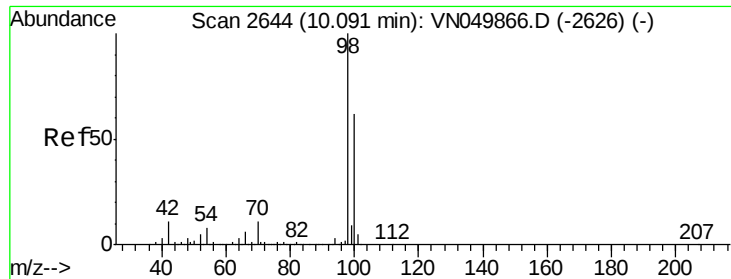
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 24.71 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049965.D
 Acq: 20 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	14.9	22.3
87	9.8	10.0	15.0#

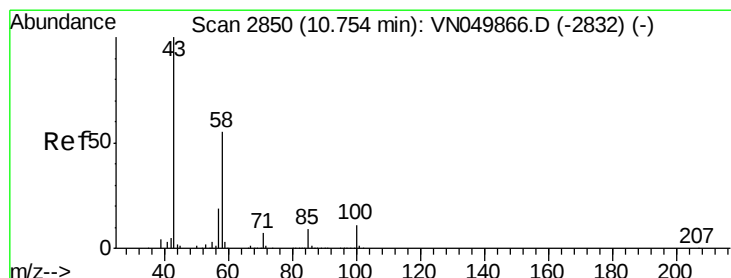
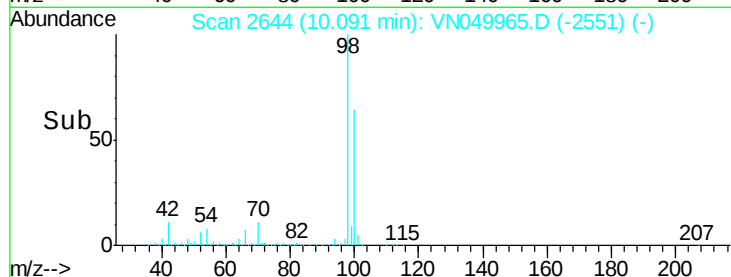
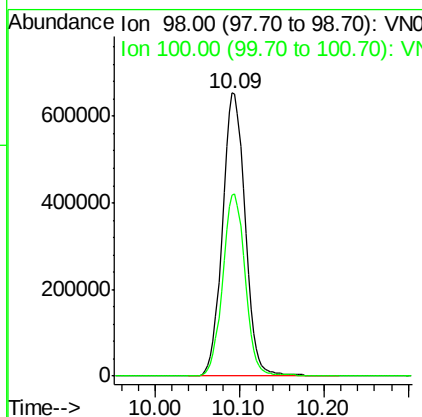
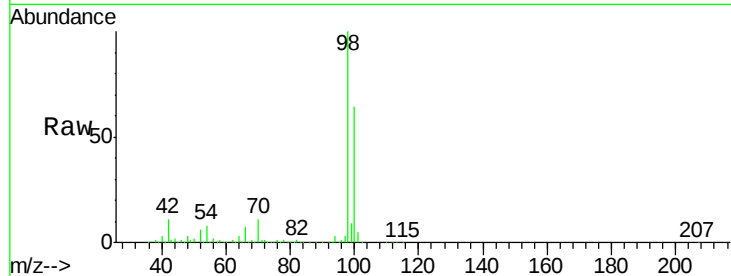




#50
Toluene-d8
Concen: 43.07 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

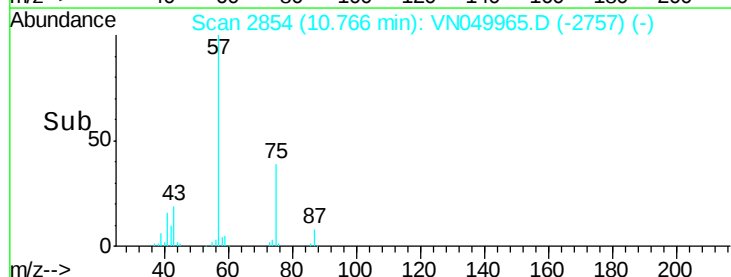
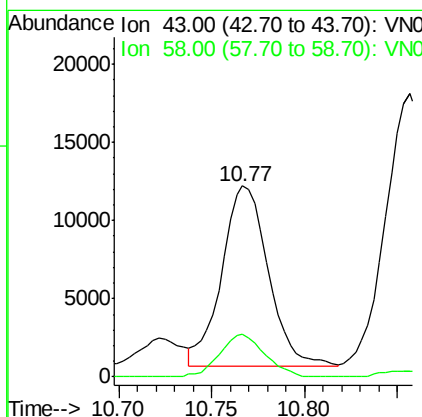
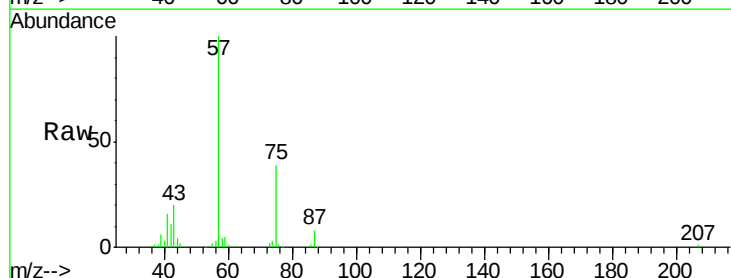
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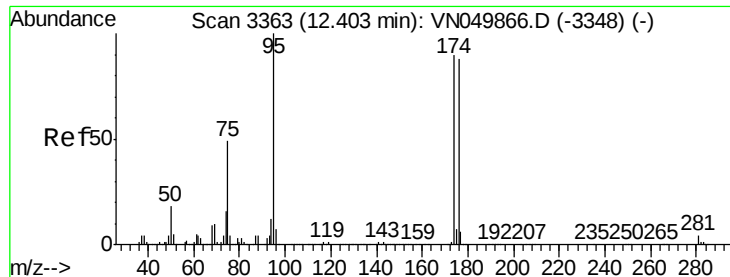
Tot Ion: 98 Resp: 1225388
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#59
2-Hexanone
Concen: 4.31 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

Tgt Ion: 43 Resp: 20093
Ion Ratio Lower Upper
43 100
58 22.8 27.8 83.4#

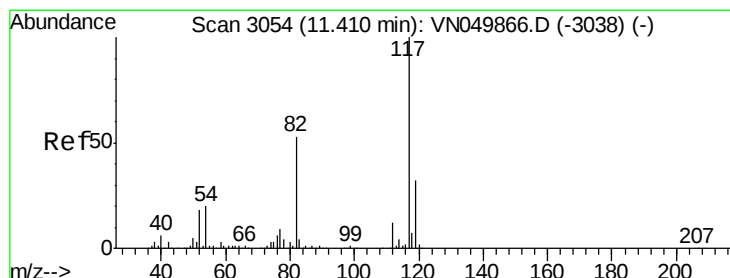
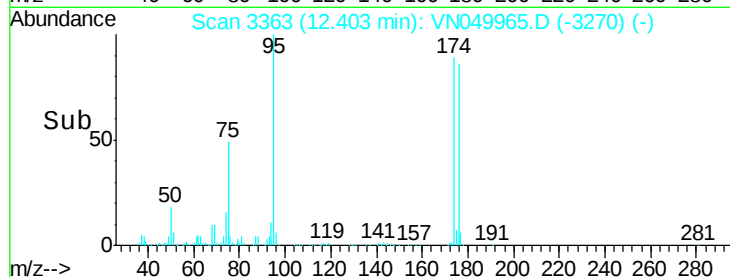
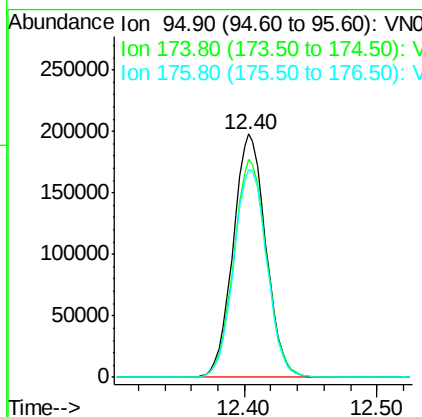
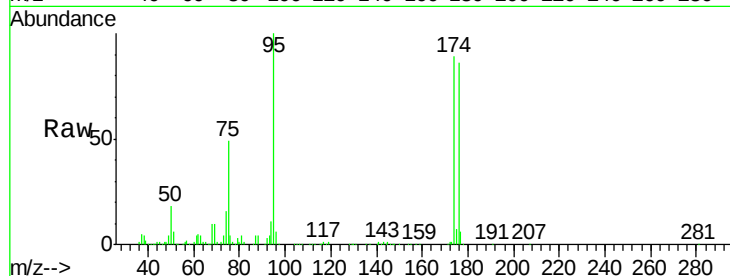




#62
4-Bromofluorobenzene
Concen: 34.56 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

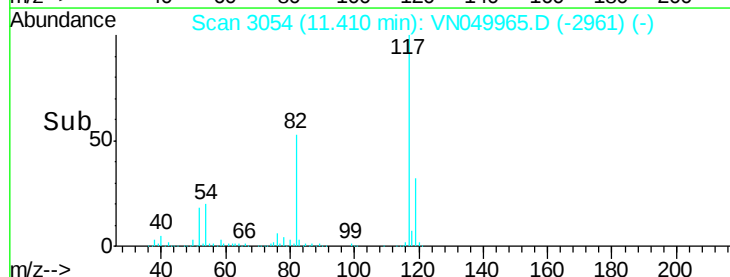
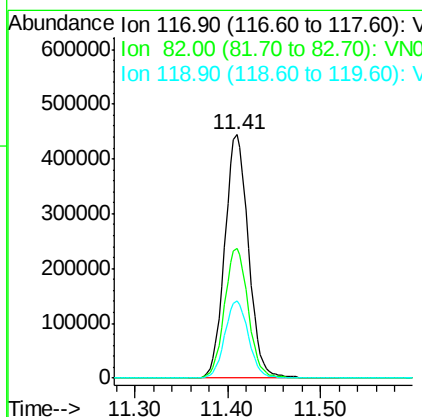
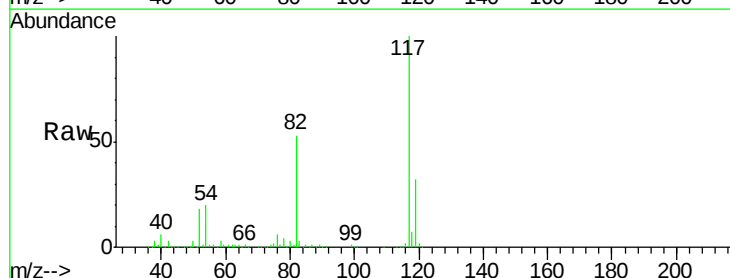
Instrument :
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PB111289ZHE#05

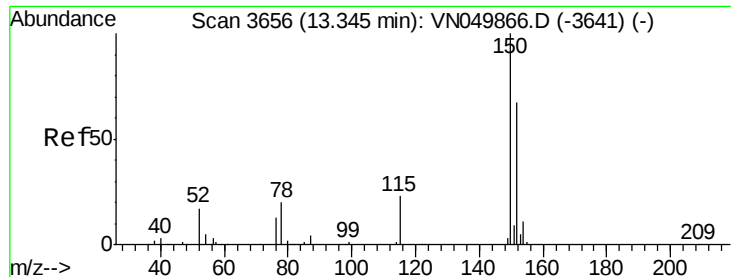
Tot Ion: 95 Resp: 338684
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.6
176 86.8 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049965.D
Acq: 20 Jul 2018 16:21

Tgt Ion: 117 Resp: 784954
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 31.5 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: VN049965.D

Acq: 20 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#05

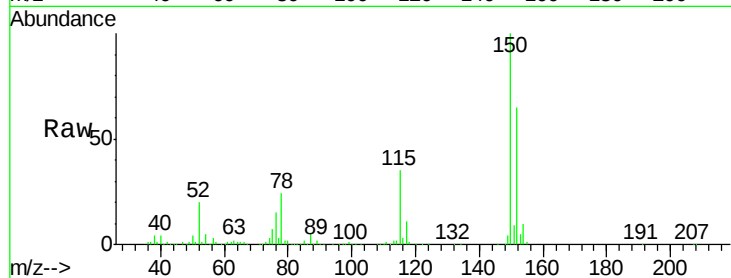
Tot Ion:152 Resp: 282729

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 156.0 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

