

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050325.D
 Acq On : 3 Aug 2018 20:22
 Operator : MD\SY
 Sample : PB111719ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#10

Quant Time: Aug 04 00:29:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	667231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1119506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	961147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397364	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	479491	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	420210	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	10.09	98	1512392	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
62) 4-Bromofluorobenzene	12.40	95	440785	39.84	ug/l	0.00
Spiked Amount			Recovery	=	79.68%	

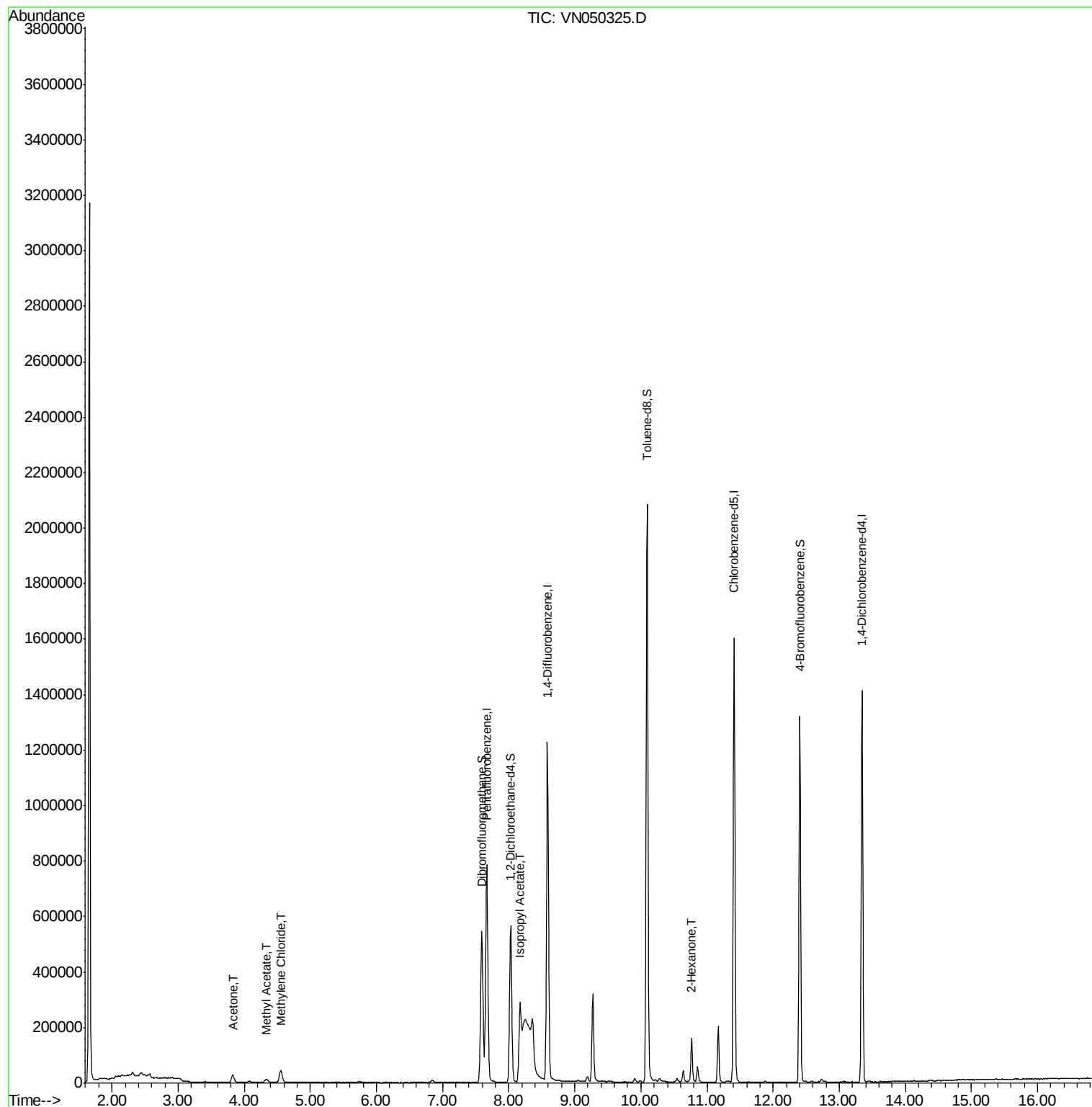
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	50323	18.94	ug/l	97
18) Methyl Acetate	4.33	43	22880	1.09	ug/l	100
20) Methylene Chloride	4.55	84	33806	2.91	ug/l	97
43) Isopropyl Acetate	8.17	43	358915	21.00	ug/l #	92
59) 2-Hexanone	10.77	43	22866	8.70	ug/l #	56

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050325.D

Acq: 3 Aug 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

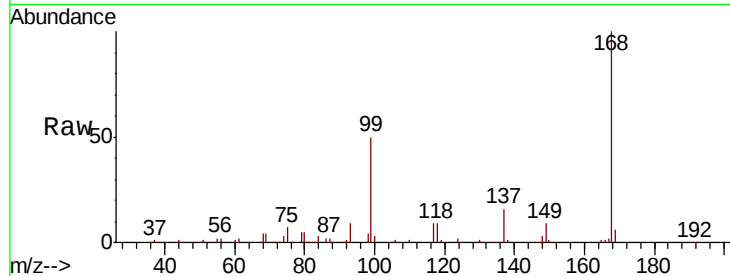
PB111719ZHE#10

Tot Ion:168 Resp: 667231

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050325.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050325.D (-1798) (-)

7.67

300000

250000

200000

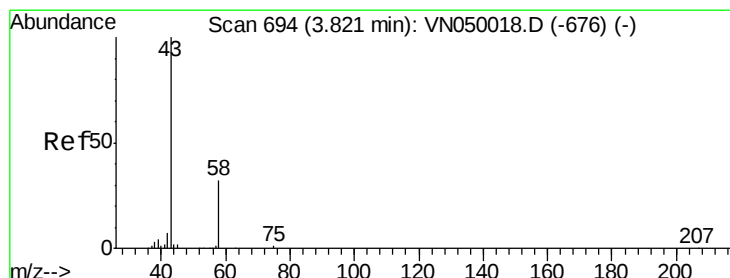
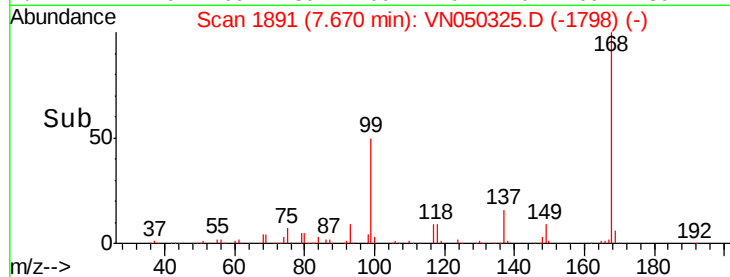
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.94 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050325.D

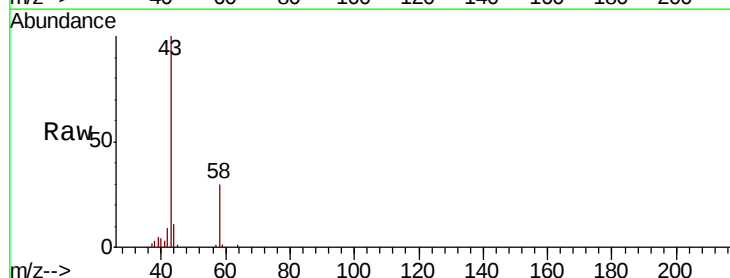
Acq: 3 Aug 2018 20:22

Tgt Ion: 43 Resp: 50323

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050325.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050325.D (-601) (-)

3.83

20000

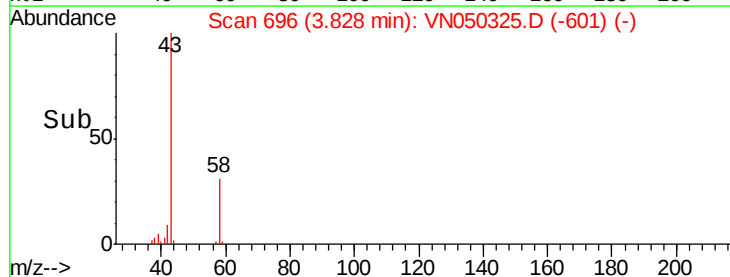
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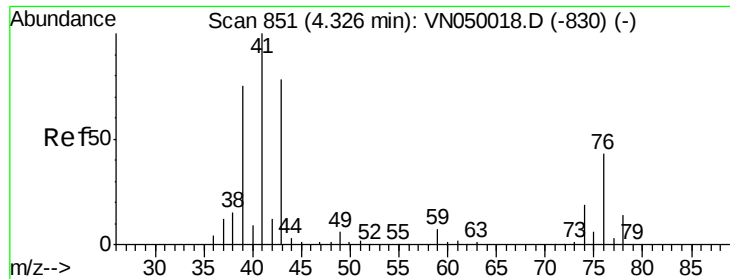
10000

5000

0

Time-->

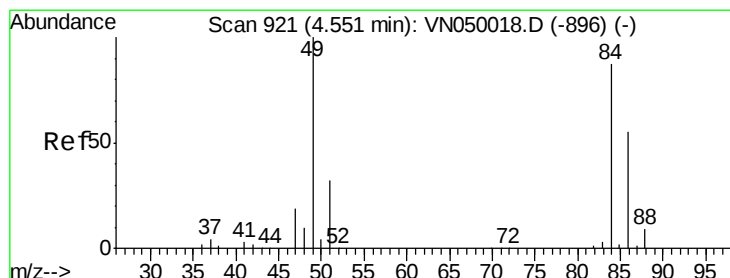
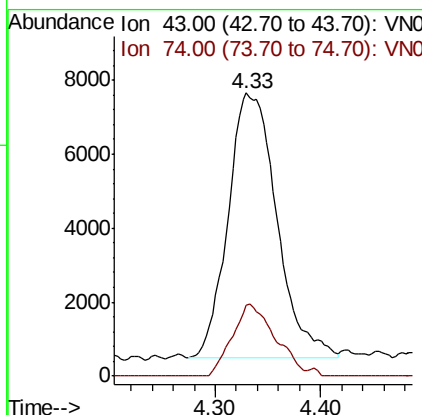
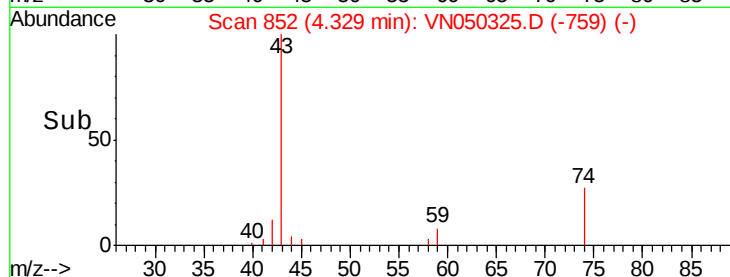
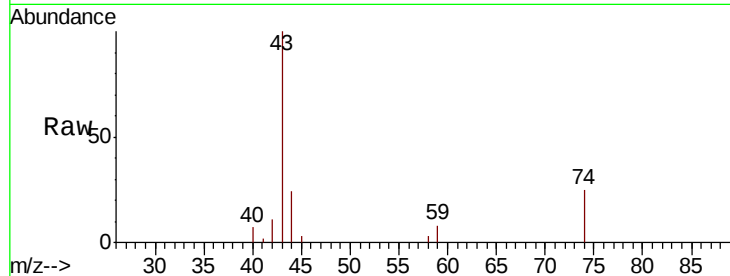




#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

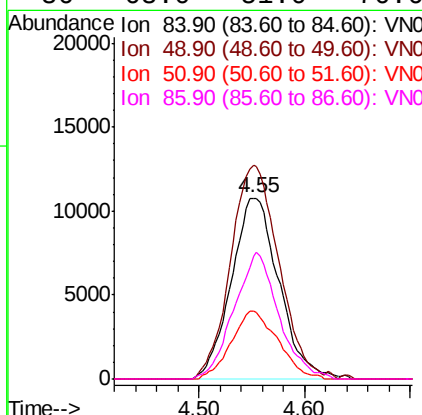
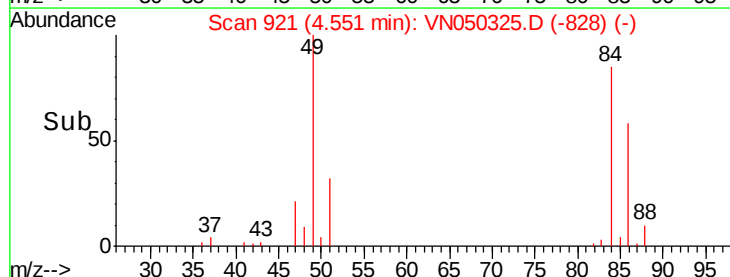
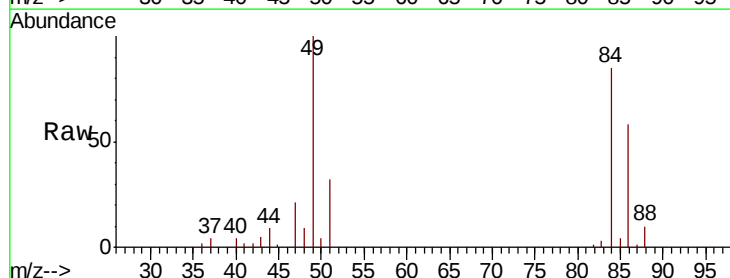
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

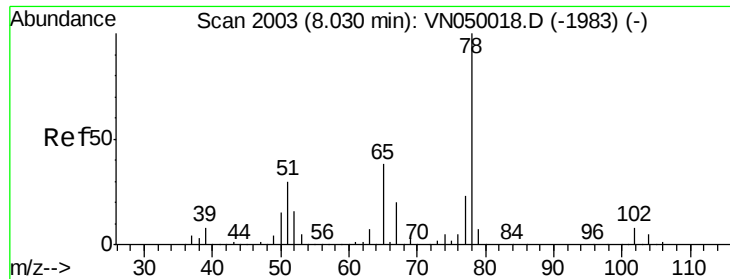
Tot Ion: 43 Resp: 22880
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



#20
Methylene Chloride
Concen: 2.91 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 84 Resp: 33806
Ion Ratio Lower Upper
84 100
49 118.0 94.8 142.2
51 37.8 28.3 42.5
86 68.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.51 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050325.D

Acq: 3 Aug 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

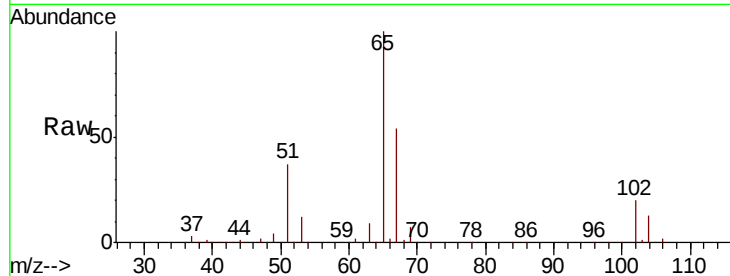
PB111719ZHE#10

Tot Ion: 65 Resp: 479491

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

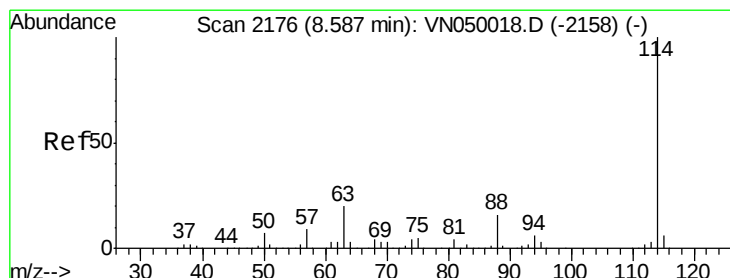
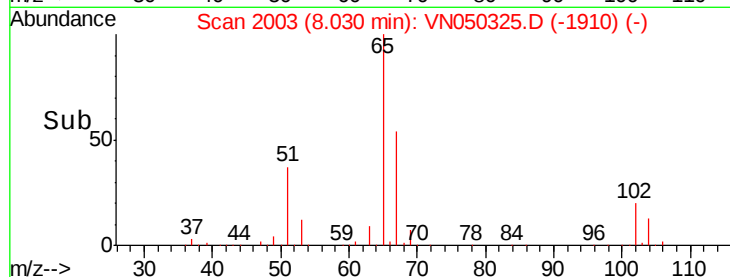
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050325.D

Acq: 3 Aug 2018 20:22

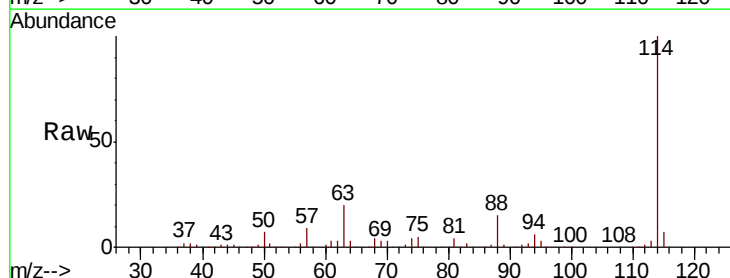
Tgt Ion: 114 Resp: 1119506

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

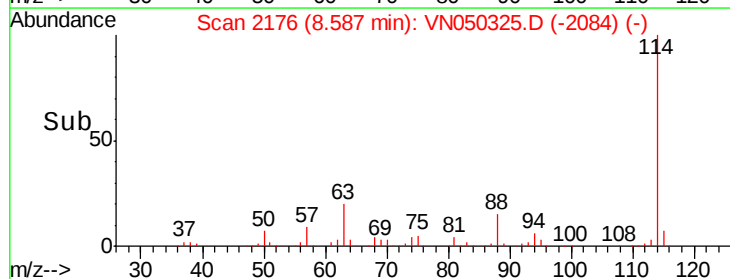
600000

400000

200000

0

Time--> 8.50 8.60 8.70

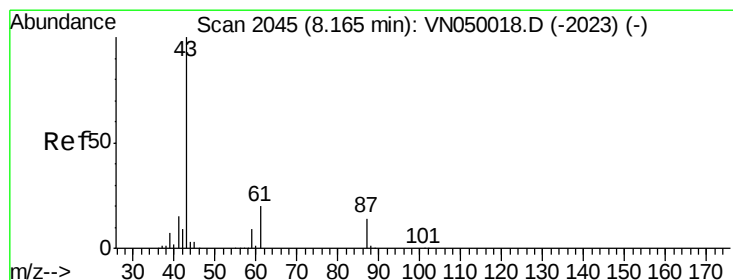
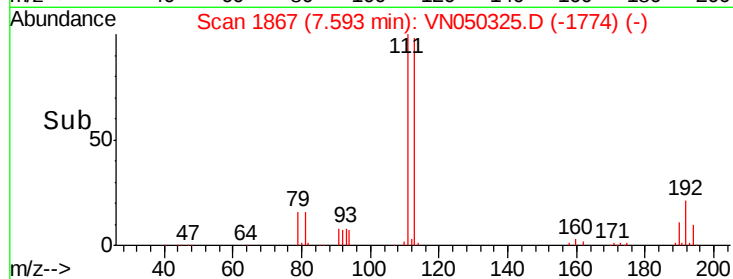
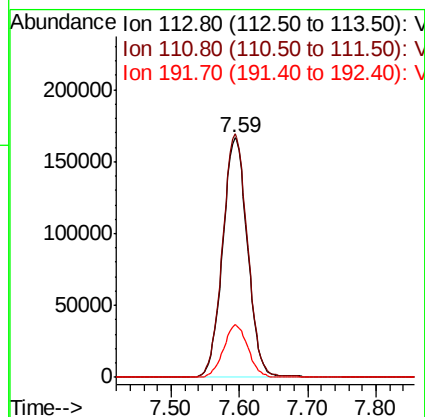
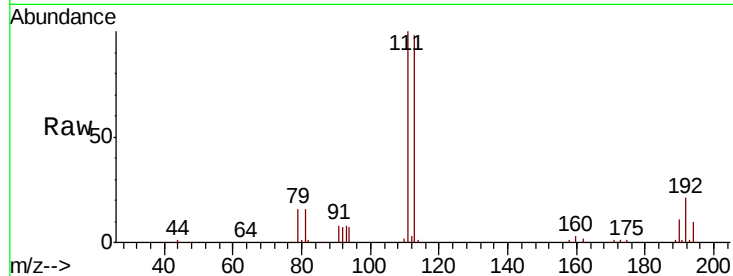




#35
 Dibromofluoromethane
 Concen: 45.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050325.D
 Acq: 3 Aug 2018 20:22

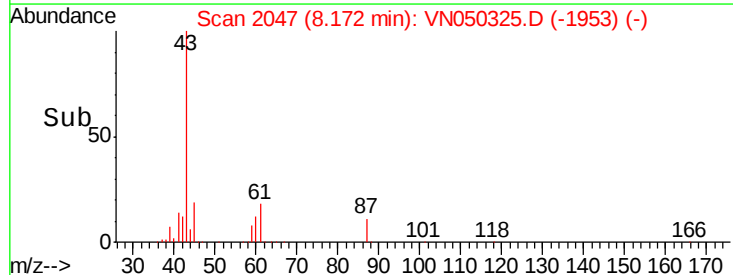
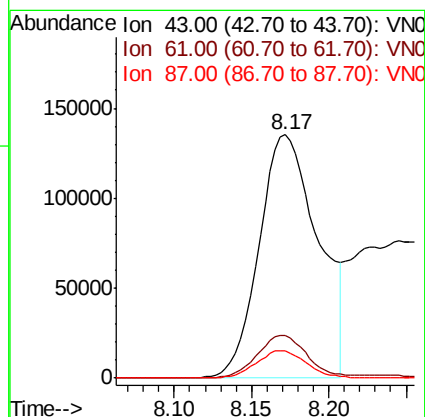
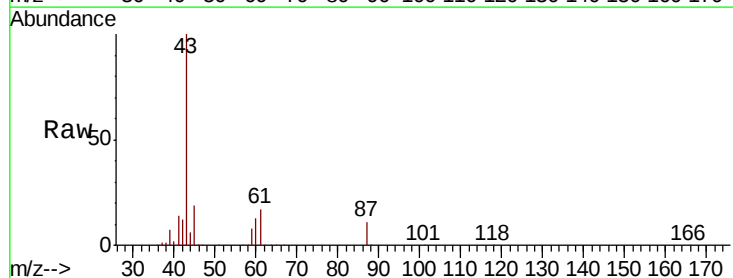
Instrument :
 MSVOA_N
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 PB111719ZHE#10

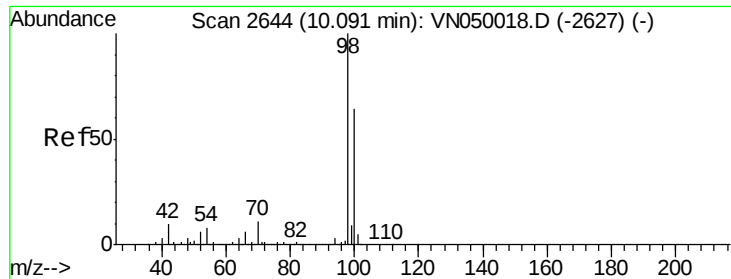
Tot Ion:113 Resp: 420210
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 21.7 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 21.00 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050325.D
 Acq: 3 Aug 2018 20:22

Tgt Ion: 43 Resp: 358915
 Ion Ratio Lower Upper
 43 100
 61 15.9 15.8 23.6
 87 9.5 10.3 15.5#

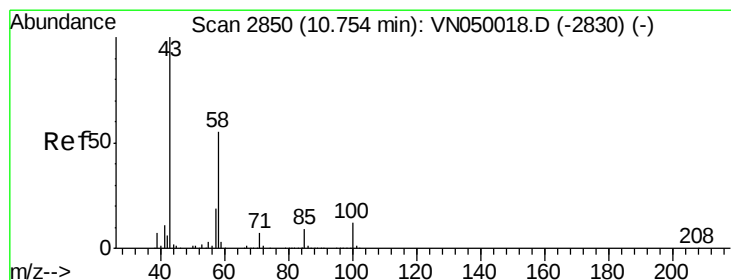
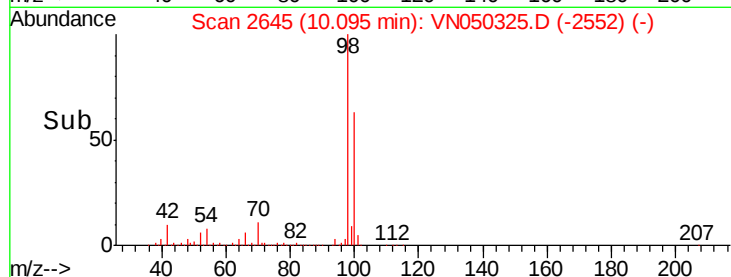
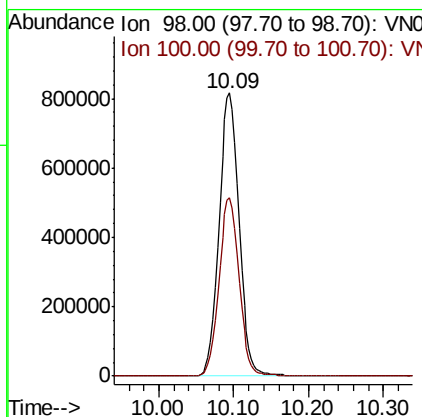
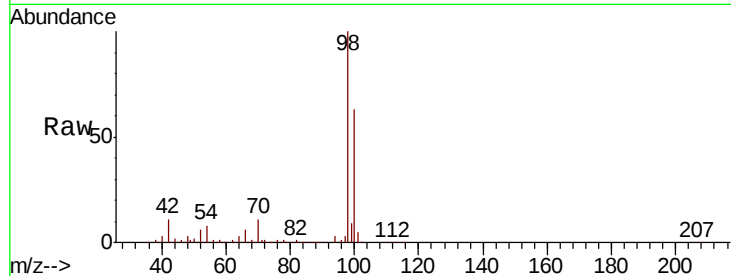




#50
Toluene-d8
Concen: 45.01 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

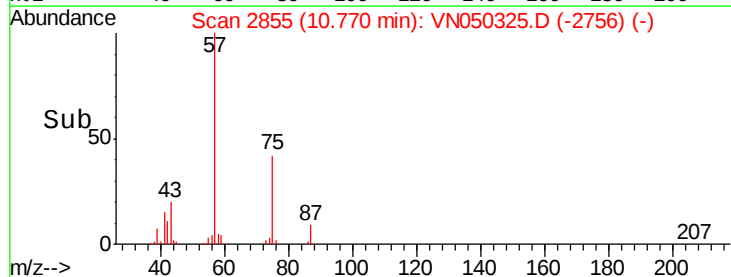
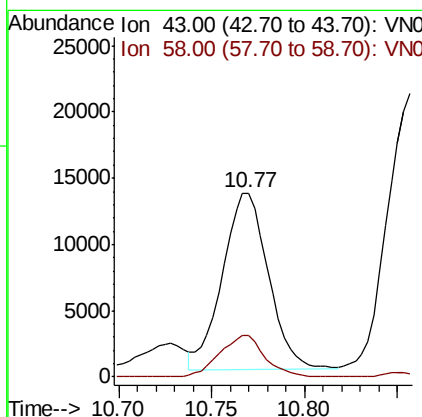
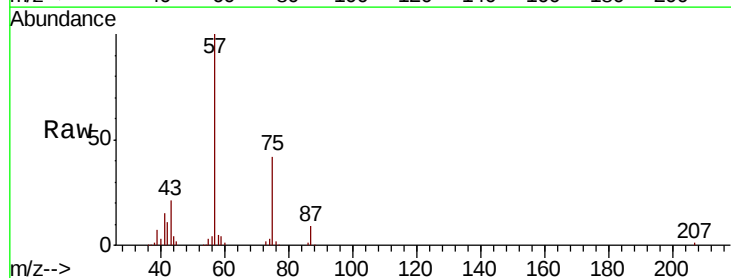
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tot Ion: 98 Resp: 1512392
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 8.70 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 43 Resp: 22866
Ion Ratio Lower Upper
43 100
58 23.0 27.6 82.7#

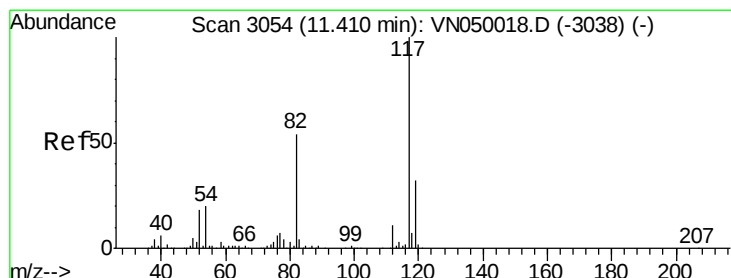
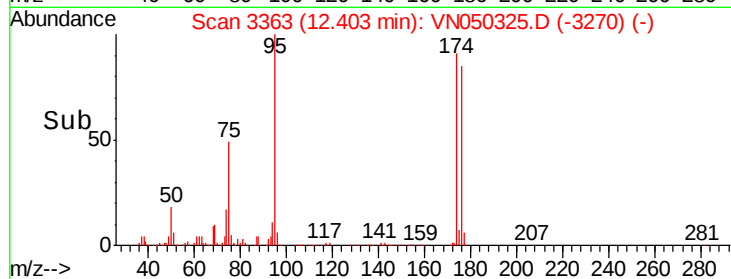
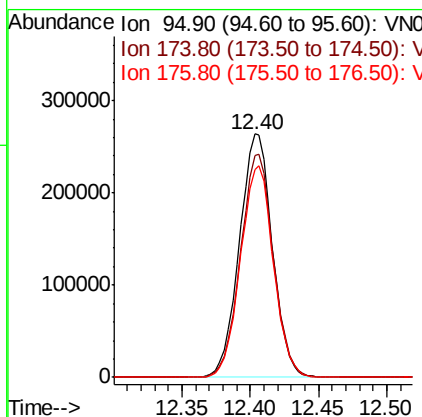
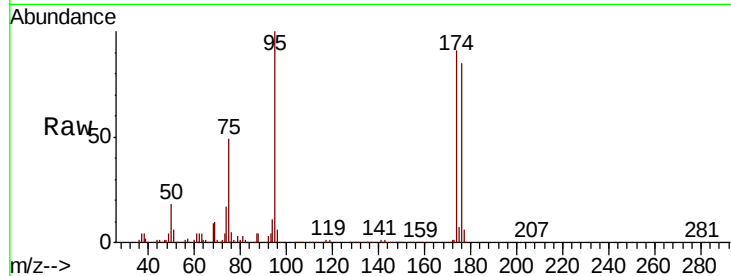




#62
4-Bromofluorobenzene
Concen: 39.84 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

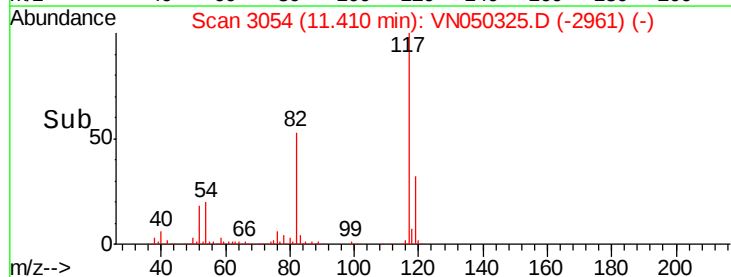
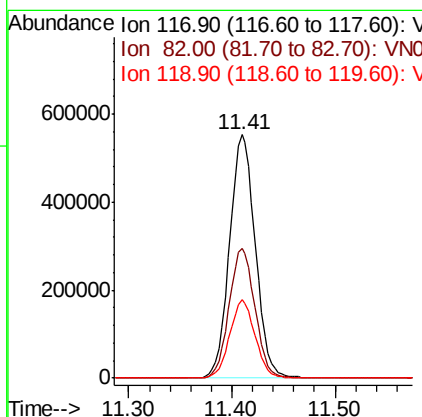
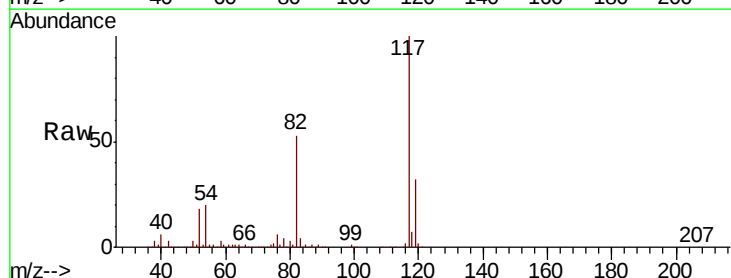
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

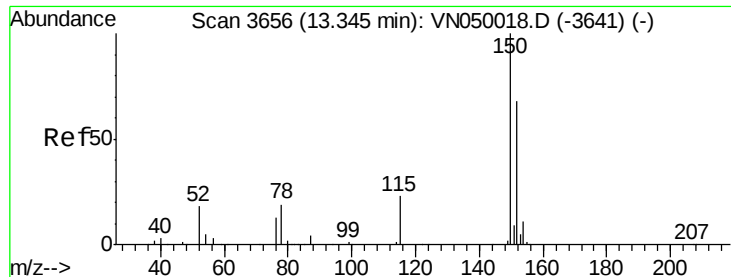
Tot Ion: 95 Resp: 440785
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 117 Resp: 961147
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050325.D

Acq: 3 Aug 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#10

Tot Ion:152 Resp: 397364

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.3

150 158.5 0.0 348.6

