

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049804.D
 Acq On : 13 Jul 2018 18:19
 Operator : MD\SY
 Sample : PB111069ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#07

Quant Time: Jul 14 00:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1192186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1942925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1595660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	595230	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	809101	58.34	ug/l	0.00
Spiked Amount			Recovery	=	116.68%	
35) Dibromofluoromethane	7.59	113	729553	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.09	98	2587993	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	711434	39.73	ug/l	0.00
Spiked Amount			Recovery	=	79.46%	

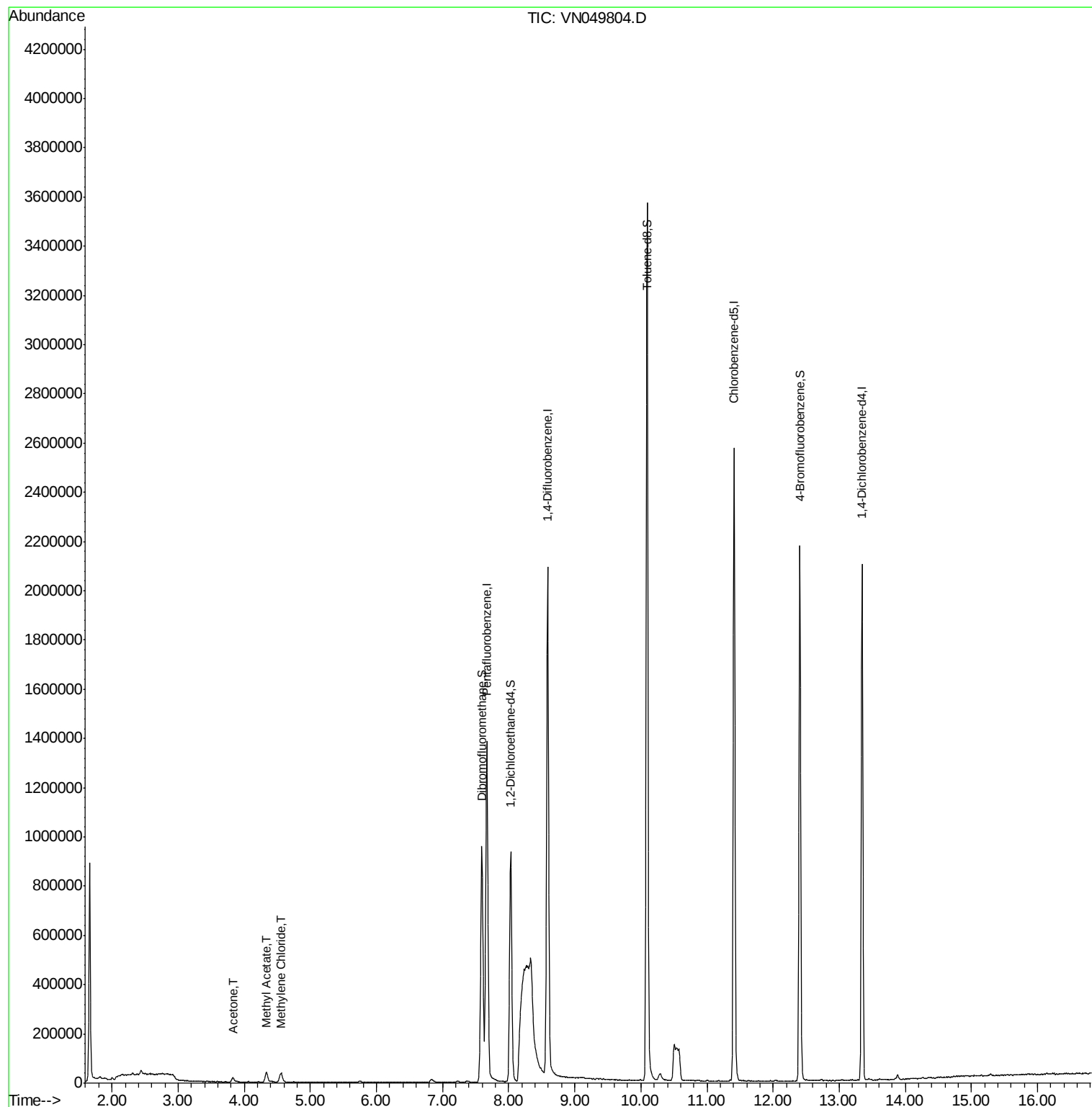
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	31360	7.17	ug/l	# 87
18) Methyl Acetate	4.33	43	73568	5.70	ug/l	99
20) Methylene Chloride	4.55	84	28200	1.08	ug/l	97

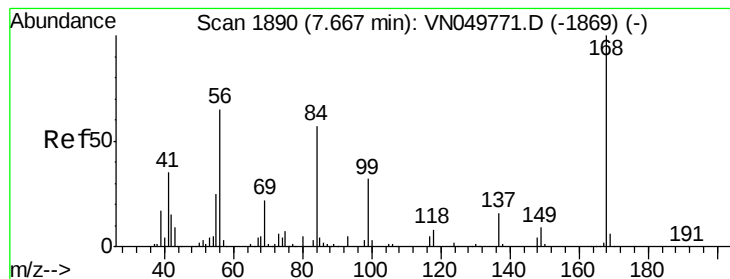
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049804.D

Acq: 13 Jul 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

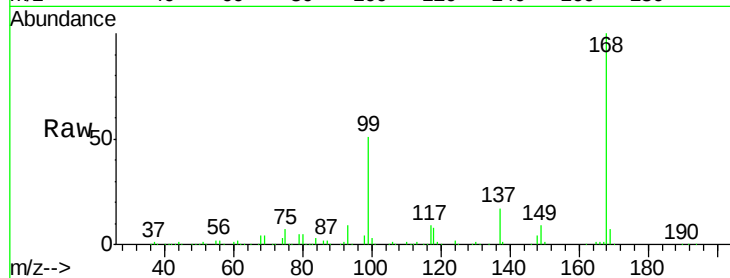
PB111069ZHE#07

Tot Ion:168 Resp: 1192186

Ion Ratio Lower Upper

168 100

99 51.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

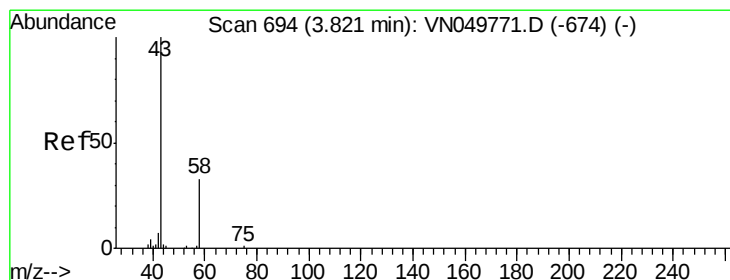
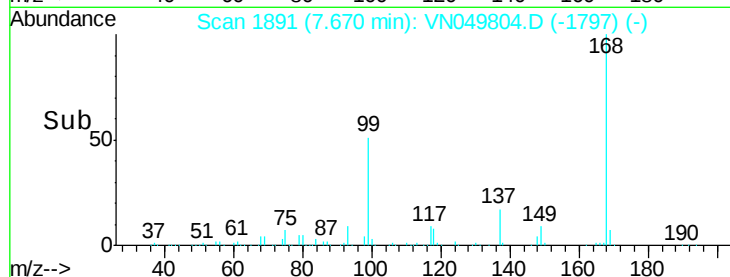
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.17 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049804.D

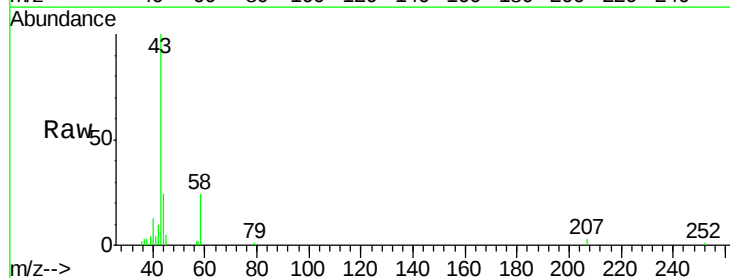
Acq: 13 Jul 2018 18:19

Tgt Ion: 43 Resp: 31360

Ion Ratio Lower Upper

43 100

58 24.9 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

12000

10000

8000

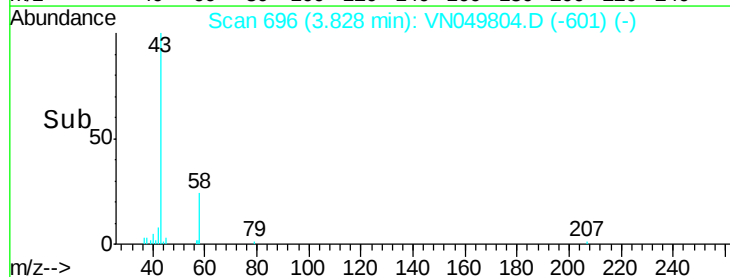
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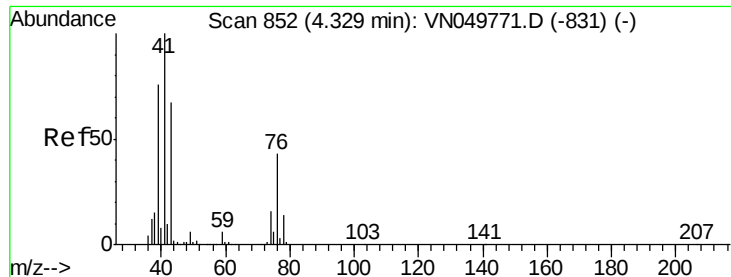
4000

2000

0

Time-->

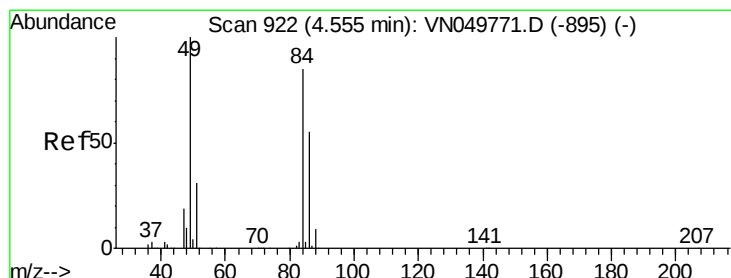
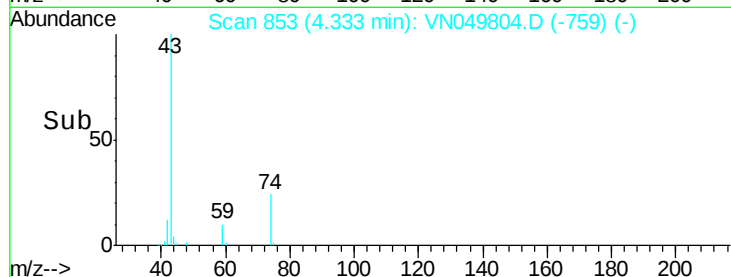
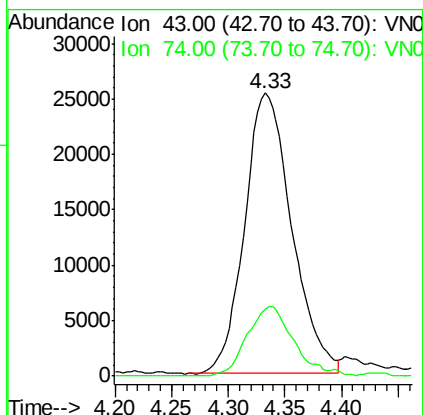
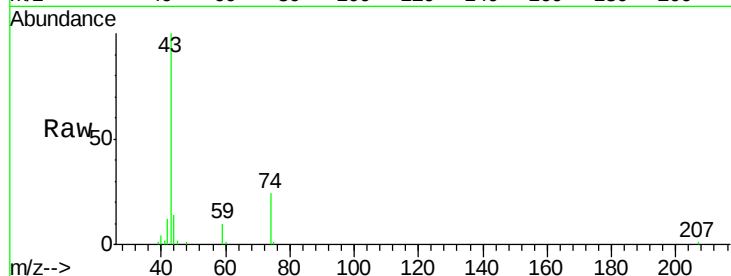




#18
Methvl Acetate
Concen: 5.70 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049804.D
Acq: 13 Jul 2018 18:19

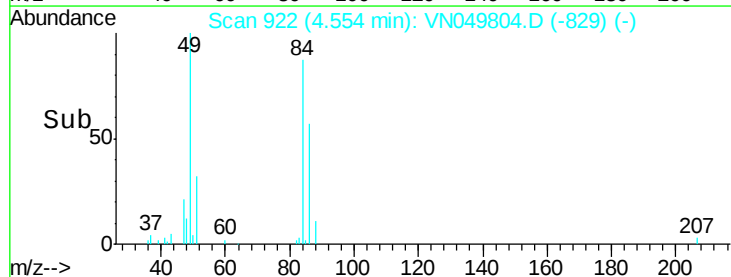
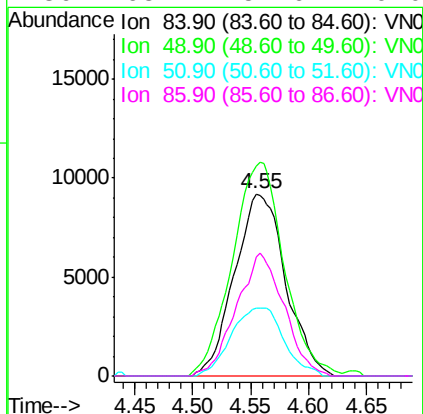
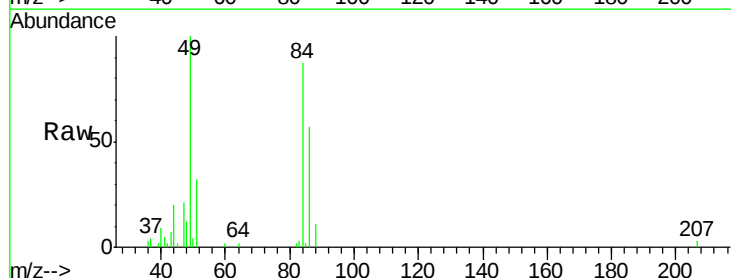
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#07

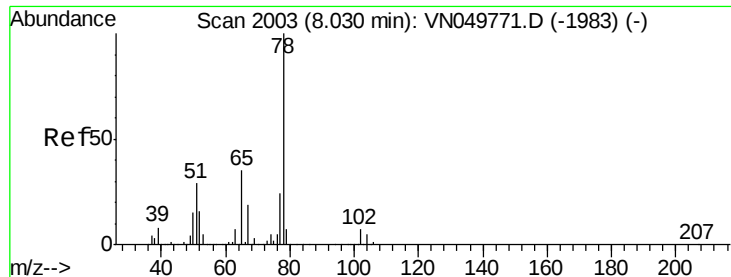
Tot Ion: 43 Resp: 73568
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049804.D
Acq: 13 Jul 2018 18:19

Tgt Ion: 84 Resp: 28200
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.2
51 37.4 28.4 42.6
86 65.2 52.6 79.0

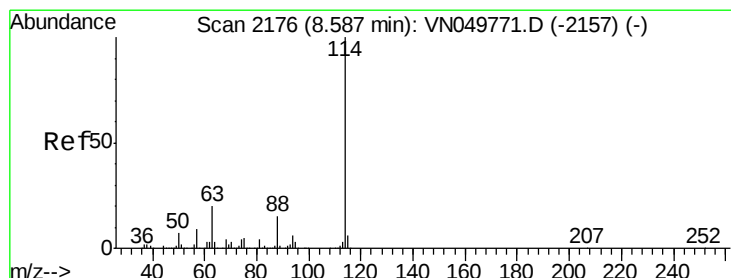
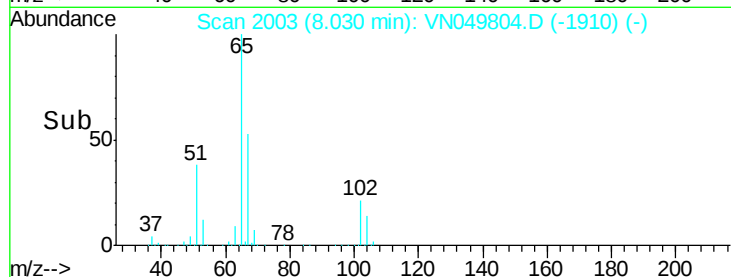
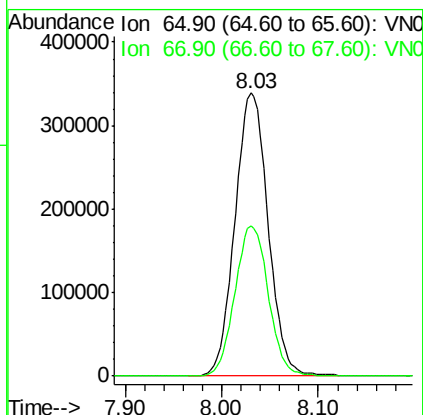
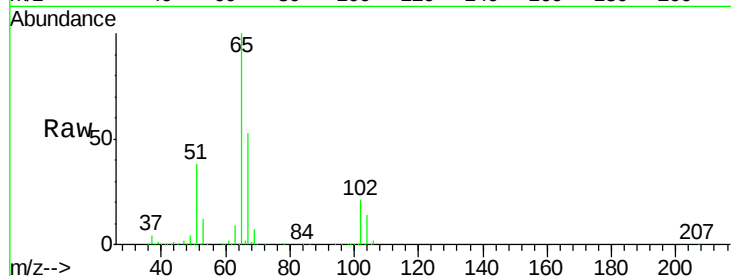




#33
 1,2-Dichloroethane-d4
 Concen: 58.34 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049804.D
 Acq: 13 Jul 2018 18:19

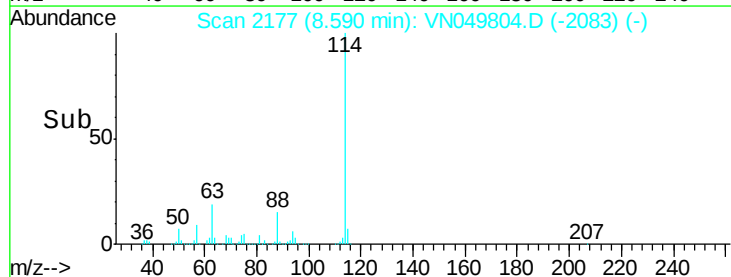
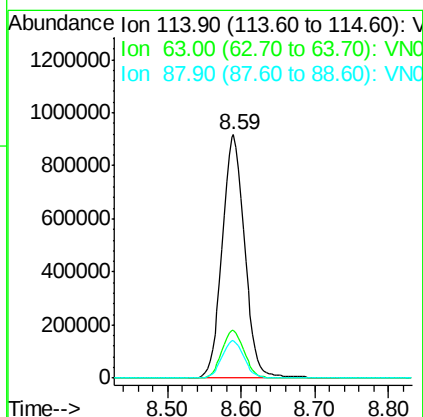
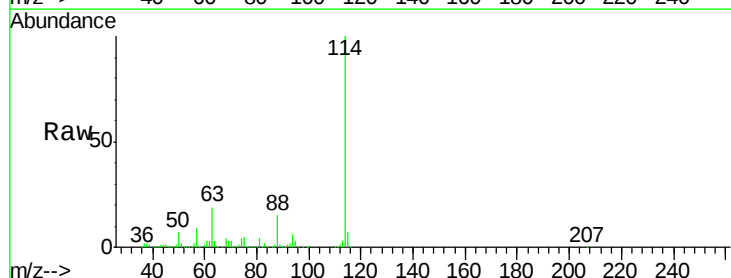
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#07

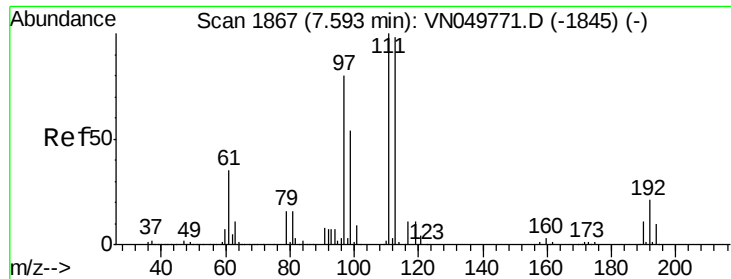
Tot Ion: 65 Resp: 809101
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049804.D
 Acq: 13 Jul 2018 18:19

Tgt Ion: 114 Resp: 1942925
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 30.6

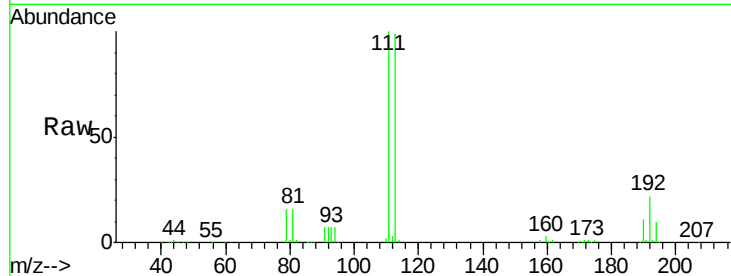




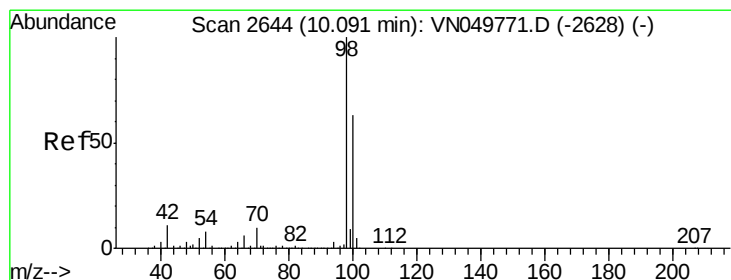
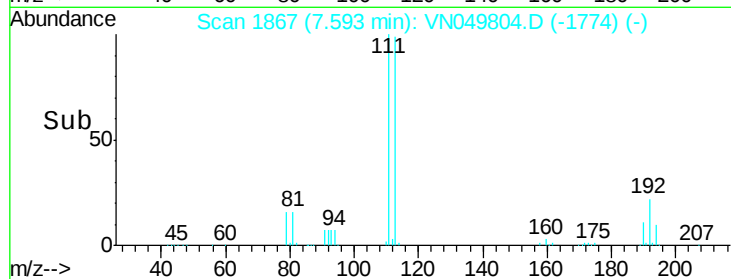
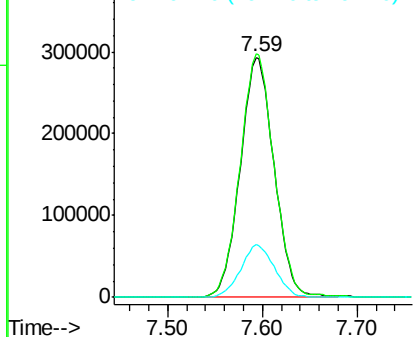
#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049804.D
 Acq: 13 Jul 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#07

Tot Ion:113 Resp: 729553
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 22.0 17.8 26.6

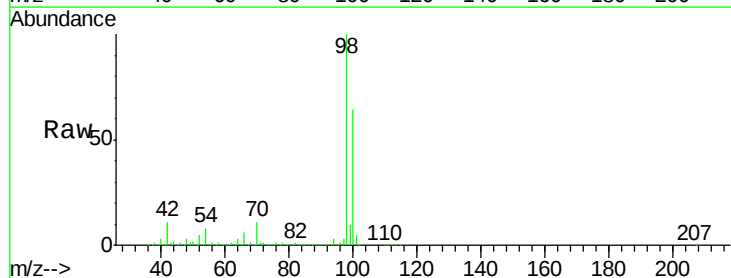


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

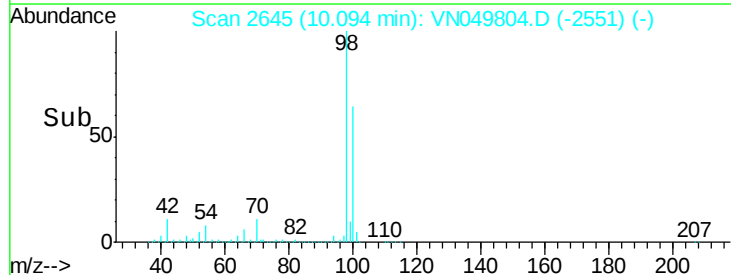
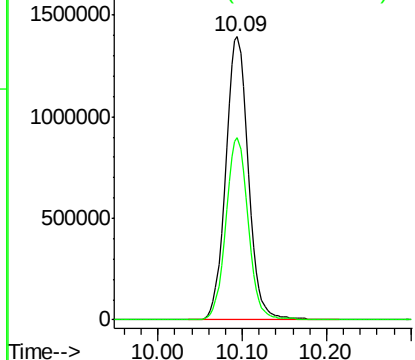


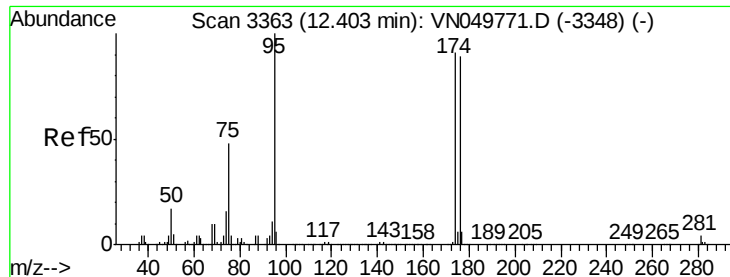
#50
 Toluene-d8
 Concen: 51.62 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049804.D
 Acq: 13 Jul 2018 18:19

Tgt Ion: 98 Resp: 2587993
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

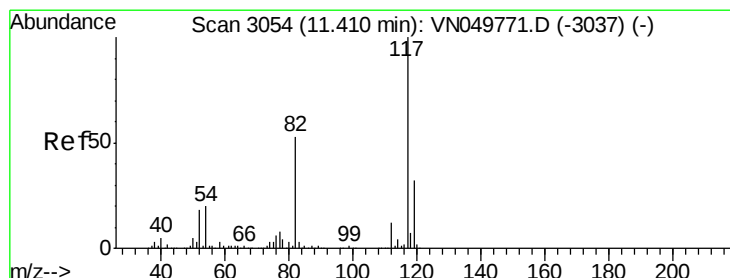
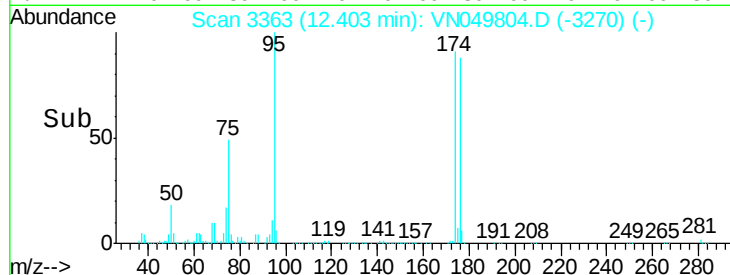
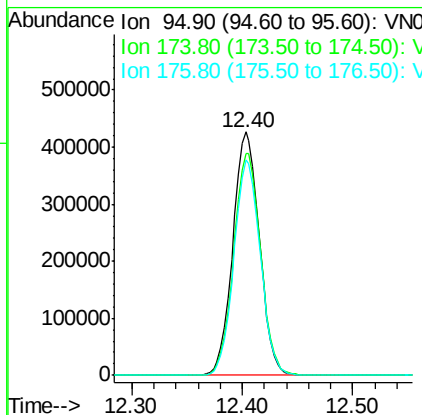
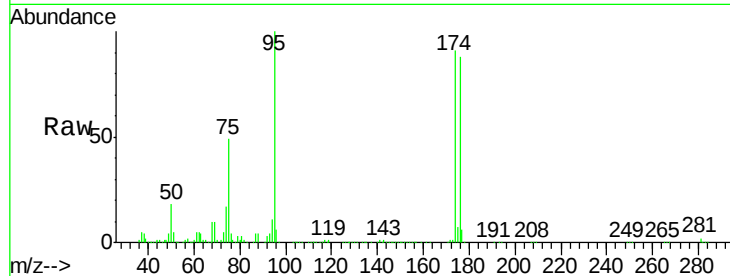




#62
4-Bromofluorobenzene
Concen: 39.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049804.D
Acq: 13 Jul 2018 18:19

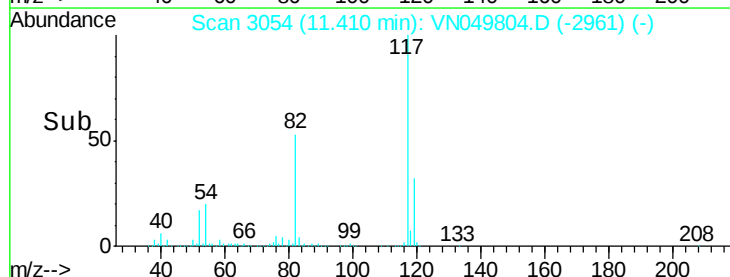
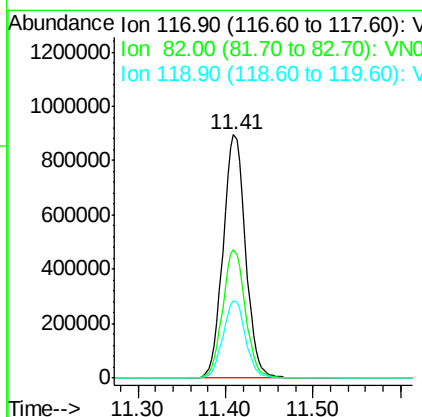
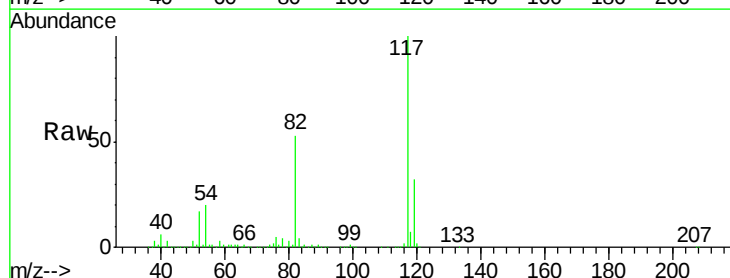
Instrument :
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ClientSampleId :
PB111069ZHE#07

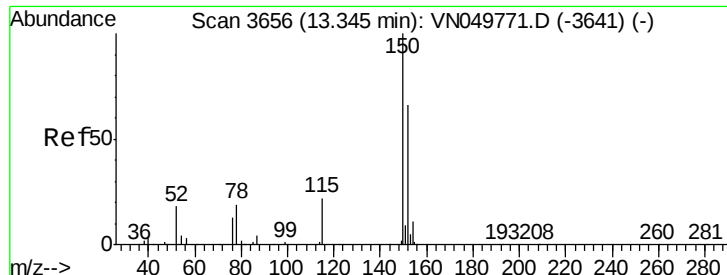
Tot Ion: 95 Resp: 711434
Ion Ratio Lower Upper
95 100
174 92.8 0.0 179.6
176 87.9 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049804.D
Acq: 13 Jul 2018 18:19

Tgt Ion: 117 Resp: 1595660
Ion Ratio Lower Upper
117 100
82 52.5 41.9 62.9
119 31.6 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: VN049804.D

Acq: 13 Jul 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#07

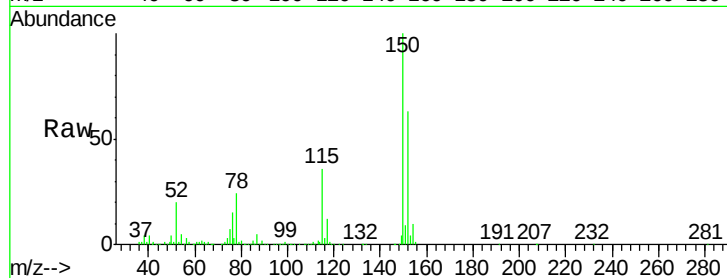
Tot Ion:152 Resp: 595230

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 157.5 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

