

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049820.D
 Acq On : 14 Jul 2018 2:05
 Operator : MD\SY
 Sample : PB111069ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#17

Quant Time: Jul 16 05:58:07 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	1152900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1903071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1592469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	579727	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	785921	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.59	113	714598	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.09	98	2563877	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	701289	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	

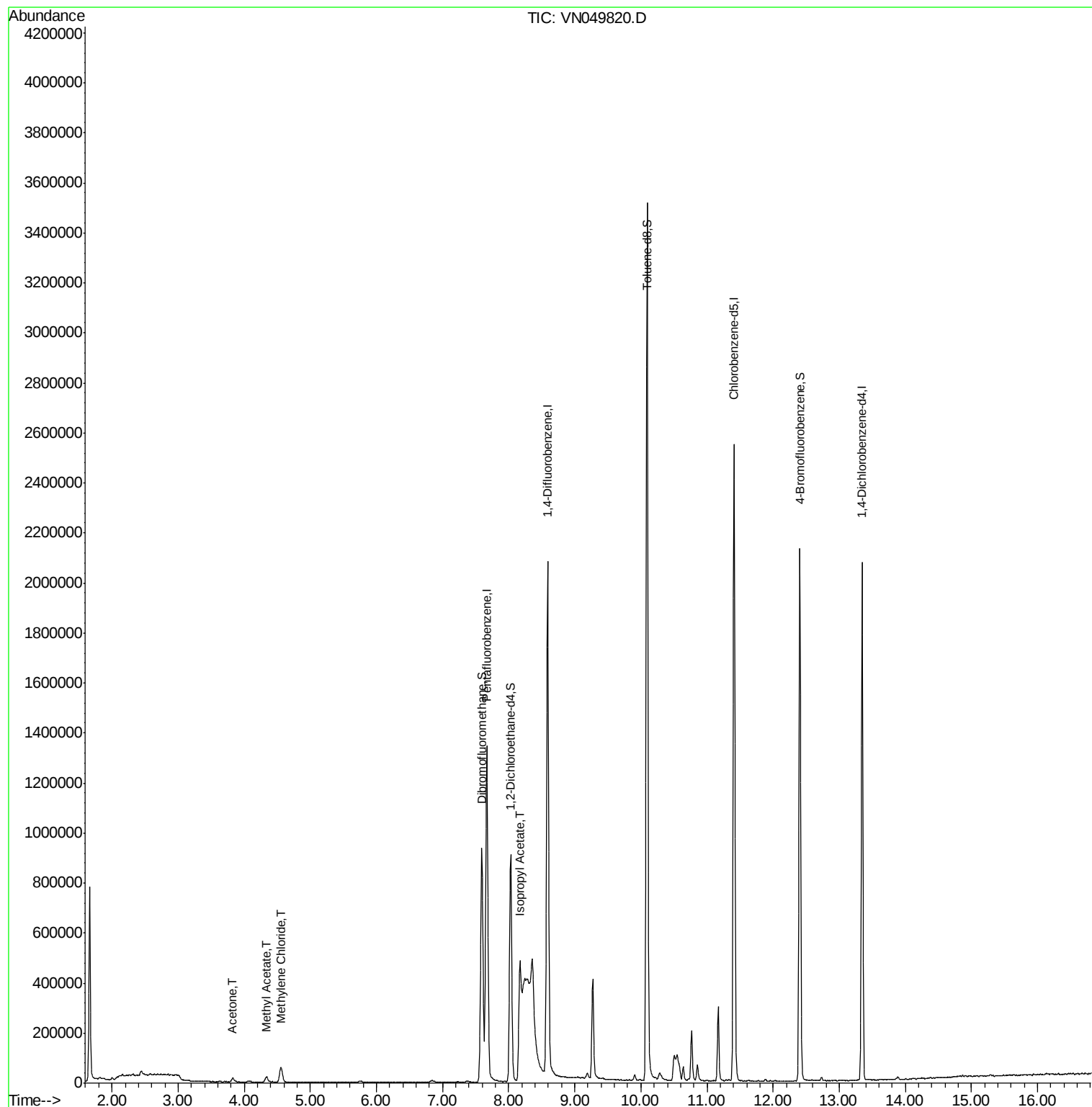
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26482	6.00	ug/l	98
18) Methyl Acetate	4.34	43	40675	2.94	ug/l	100
20) Methylene Chloride	4.56	84	45530	2.44	ug/l	94
43) Isopropyl Acetate	8.17	43	601209	25.77	ug/l #	85

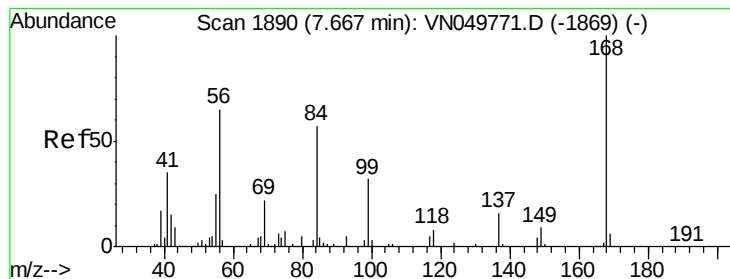
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 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: VN049820.D

Acq: 14 Jul 2018 2:05

Instrument :

MSVOA_N

ClientSampleId :

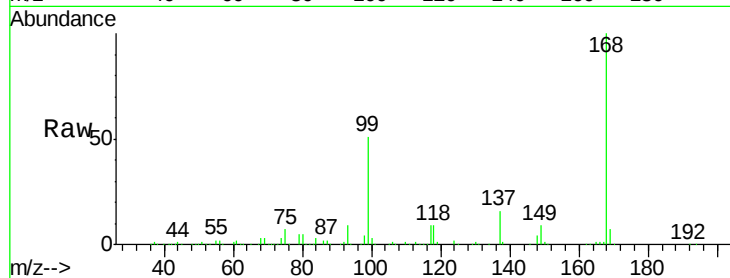
PB111069ZHE#17

Tot Ion:168 Resp: 1152900

Ion Ratio Lower Upper

168 100

99 51.2 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

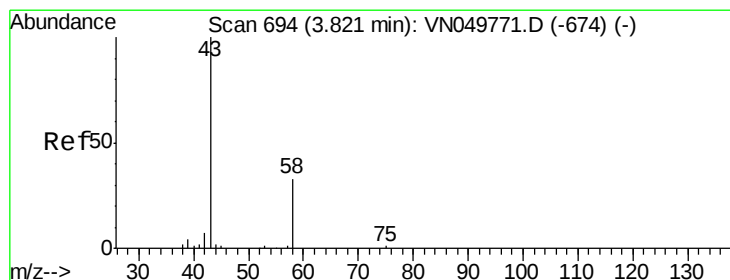
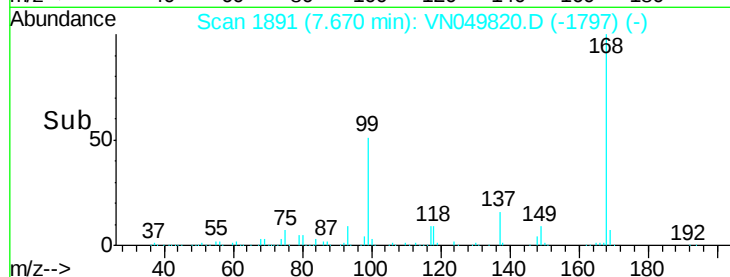
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049820.D

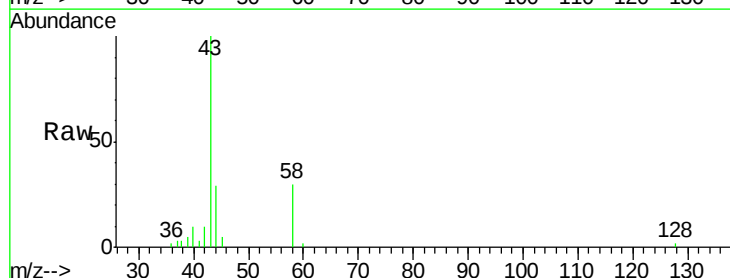
Acq: 14 Jul 2018 2:05

Tgt Ion: 43 Resp: 26482

Ion Ratio Lower Upper

43 100

58 31.1 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

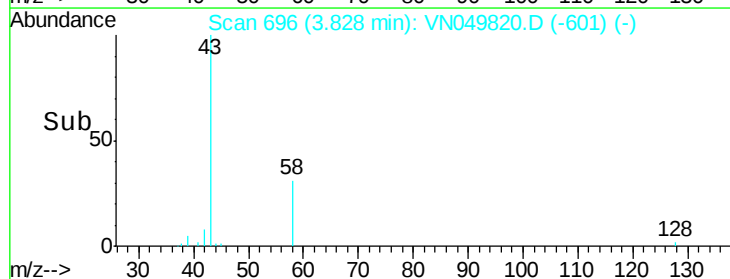
6000

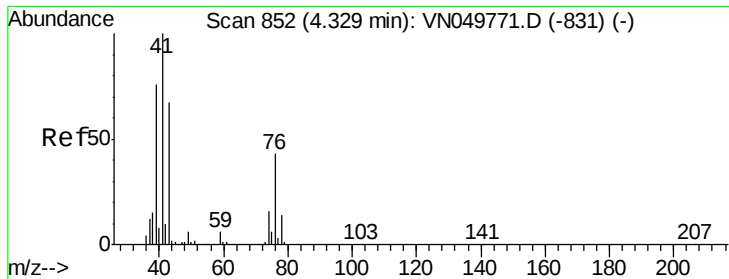
4000

2000

0

Time-->

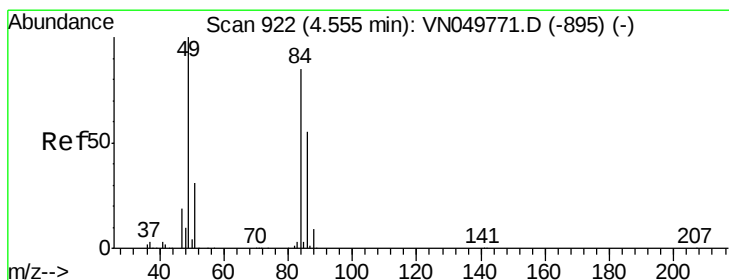
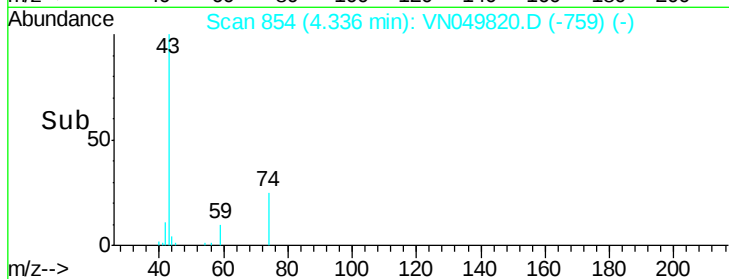
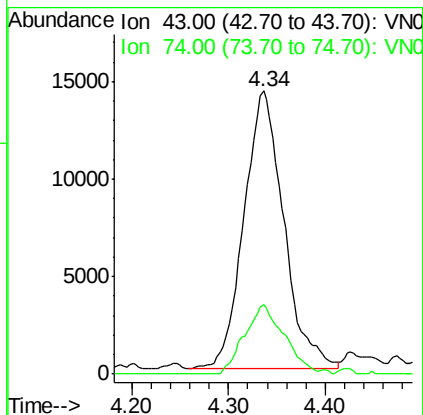
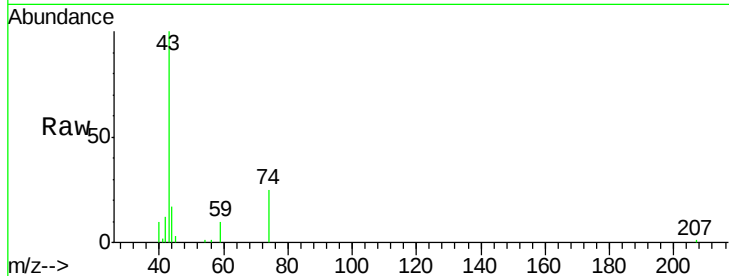




#18
Methvl Acetate
Concen: 2.94 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049820.D
Acq: 14 Jul 2018 2:05

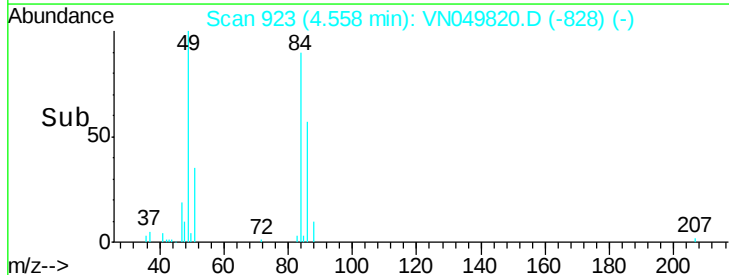
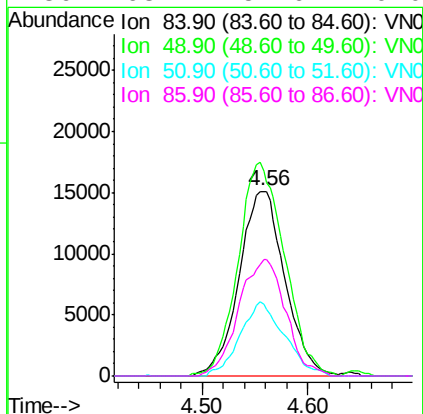
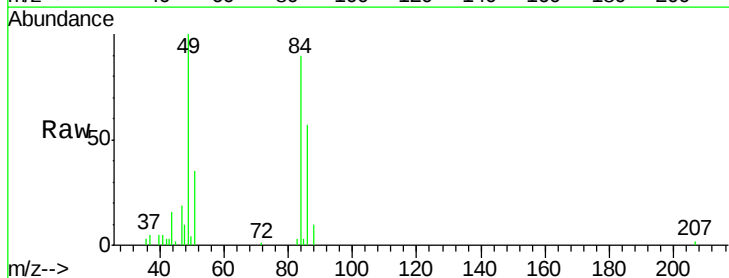
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#17

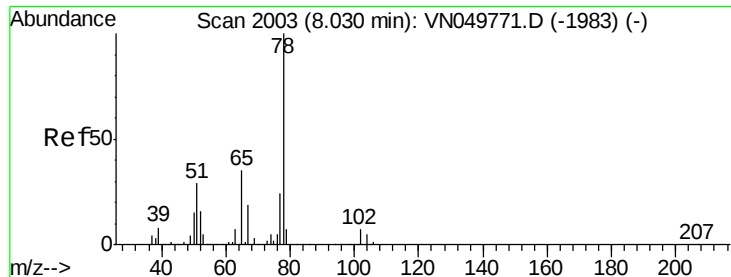
Tot Ion: 43 Resp: 40675
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene Chloride
Concen: 2.44 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN049820.D
Acq: 14 Jul 2018 2:05

Tgt Ion: 84 Resp: 45530
Ion Ratio Lower Upper
84 100
49 111.0 95.4 143.2
51 39.2 28.4 42.6
86 63.1 52.6 79.0

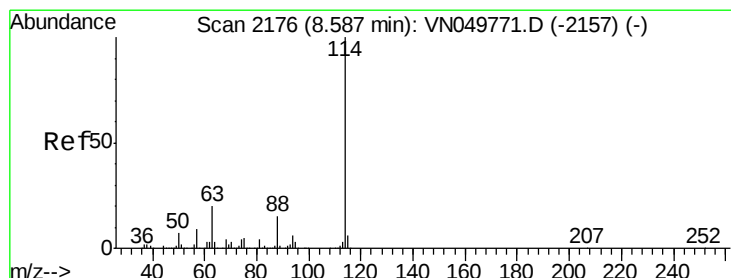
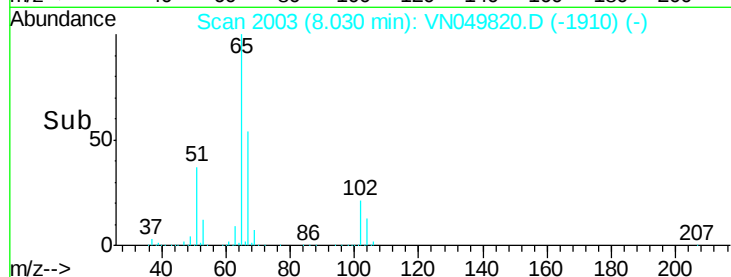
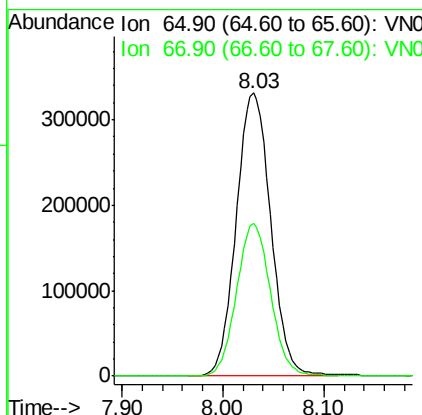
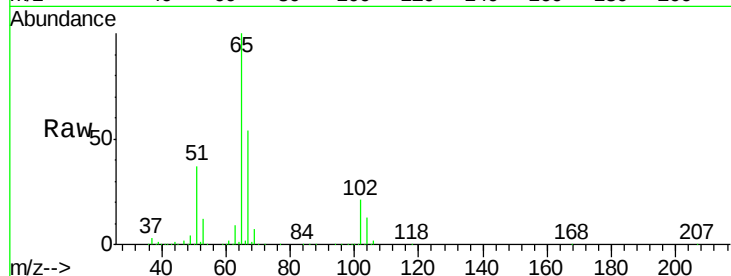




#33
 1,2-Dichloroethane-d4
 Concen: 58.60 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049820.D
 Acq: 14 Jul 2018 2:05

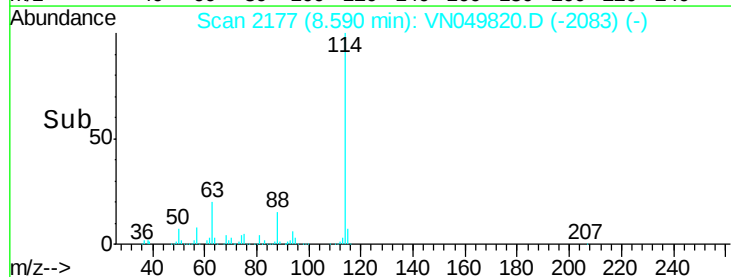
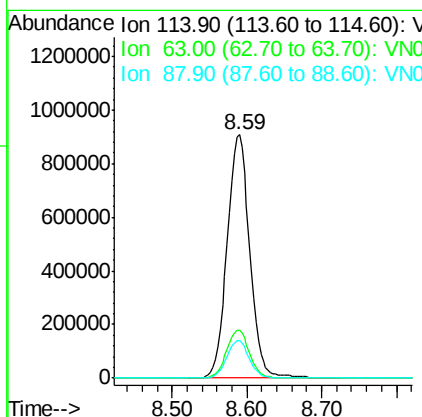
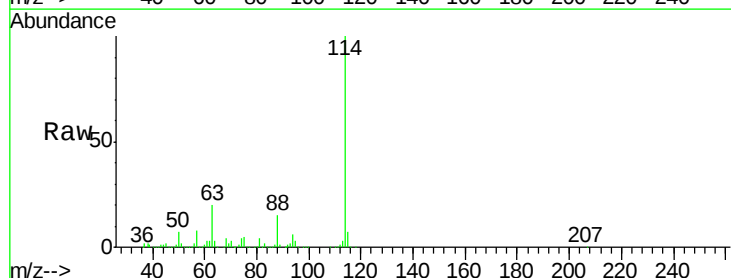
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#17

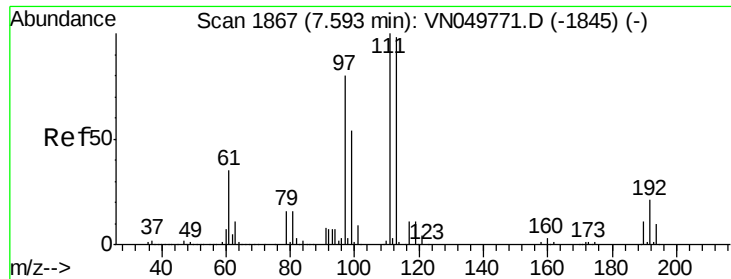
Tot Ion: 65 Resp: 785921
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049820.D
 Acq: 14 Jul 2018 2:05

Tgt Ion: 114 Resp: 1903071
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 30.6

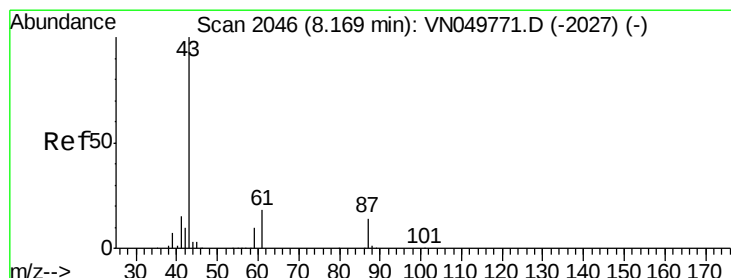
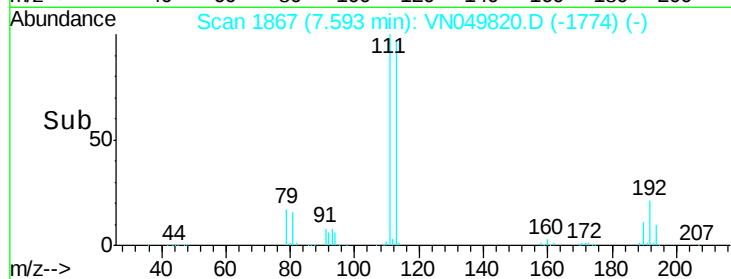
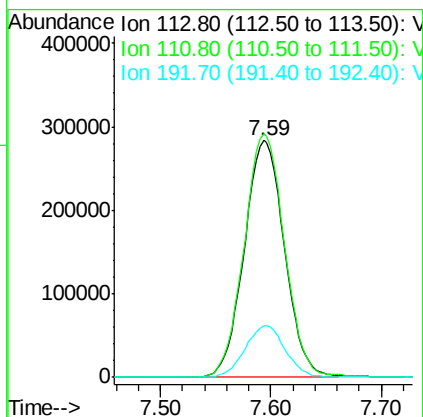
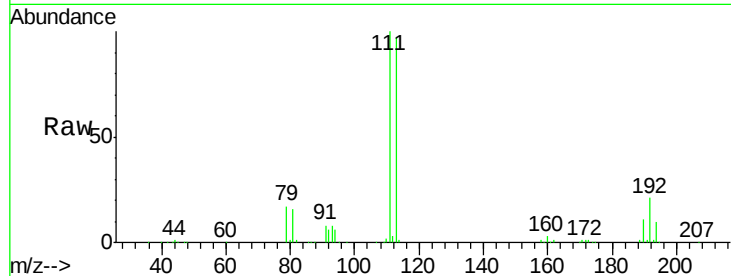




#35
 Dibromofluoromethane
 Concen: 49.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049820.D
 Acq: 14 Jul 2018 2:05

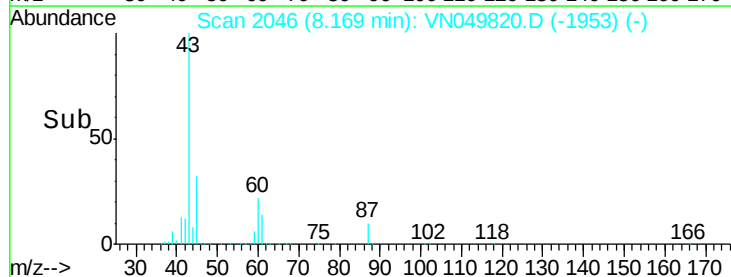
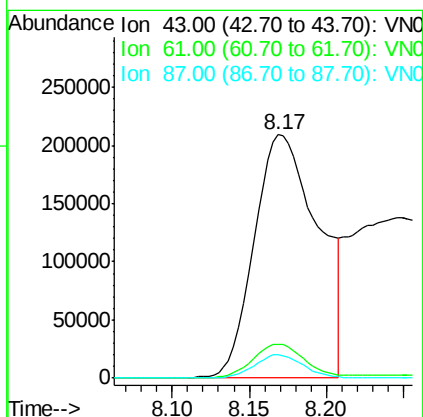
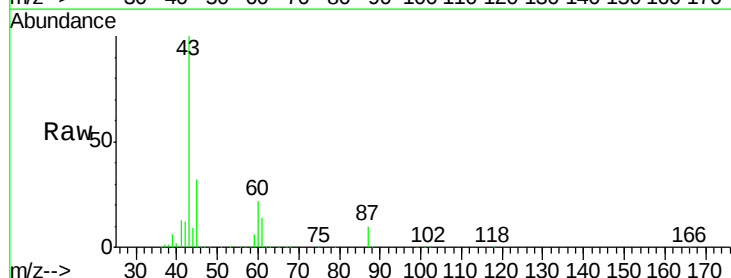
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#17

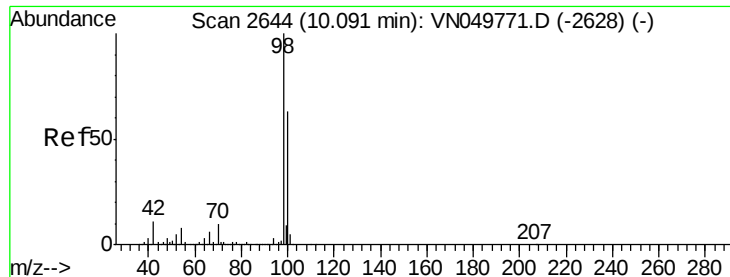
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	21.7	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 25.77 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049820.D
 Acq: 14 Jul 2018 2:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.6	14.9	22.3#
87	7.5	10.0	15.0#





#50

Toluene-d8

Concen: 52.21 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049820.D

Acq: 14 Jul 2018 2:05

Instrument :

MSVOA_N

ClientSampleId :

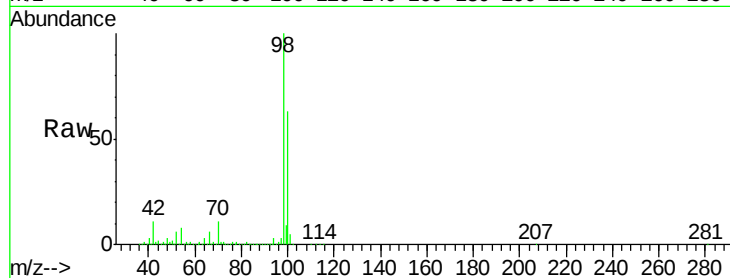
PB111069ZHE#17

Tot Ion: 98 Resp: 2563877

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049771.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN049771.D (-2628) (-)

10.09

1500000

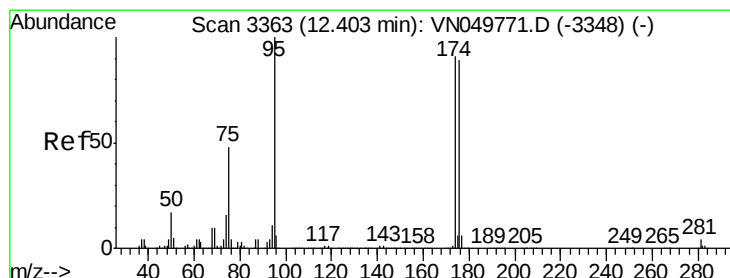
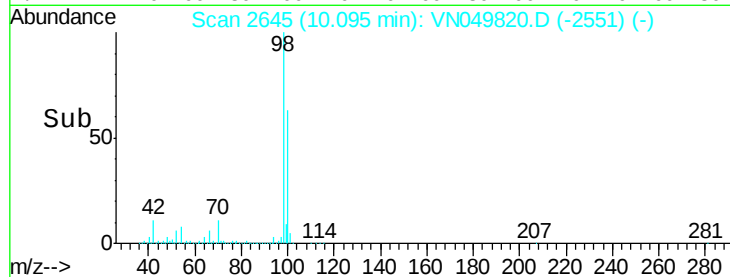
1000000

500000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 39.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049820.D

Acq: 14 Jul 2018 2:05

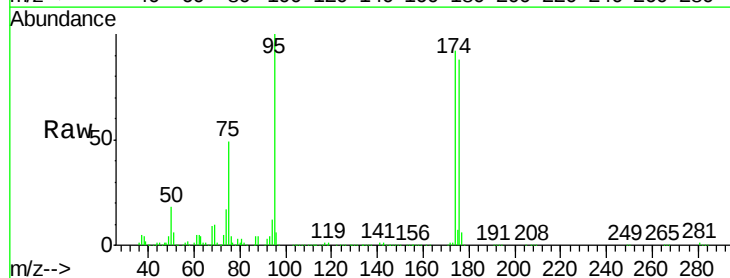
Tgt Ion: 95 Resp: 701289

Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

176 88.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049771.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049771.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049771.D (-3348) (-)

12.40

500000

400000

300000

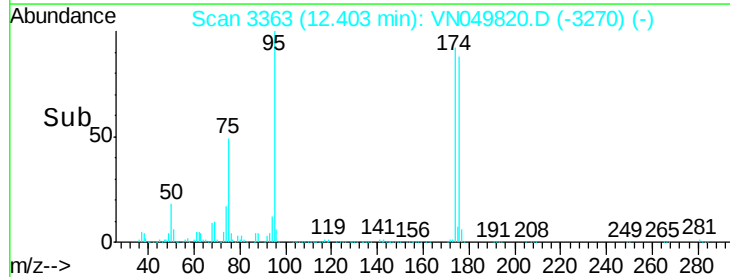
200000

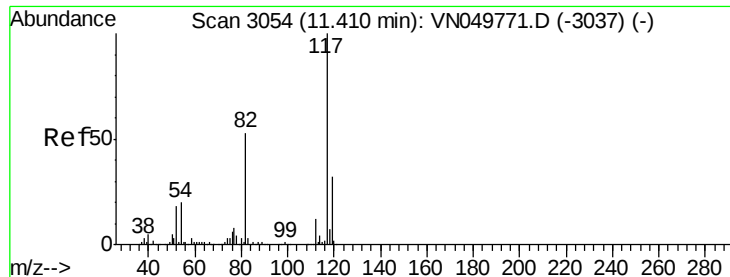
100000

0

12.30 12.40 12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049820.D

Acq: 14 Jul 2018 2:05

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#17

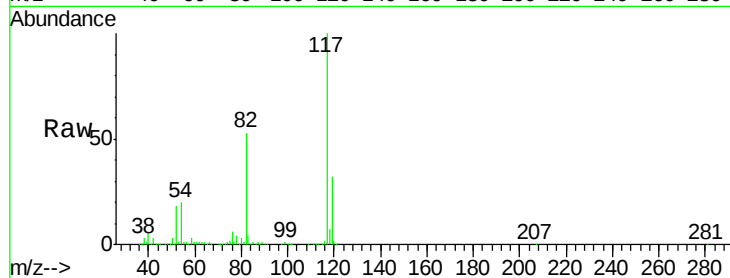
Tot Ion:117 Resp: 1592469

Ion Ratio Lower Upper

117 100

82 53.3 41.9 62.9

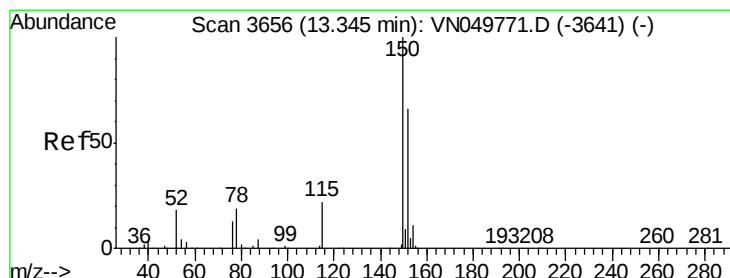
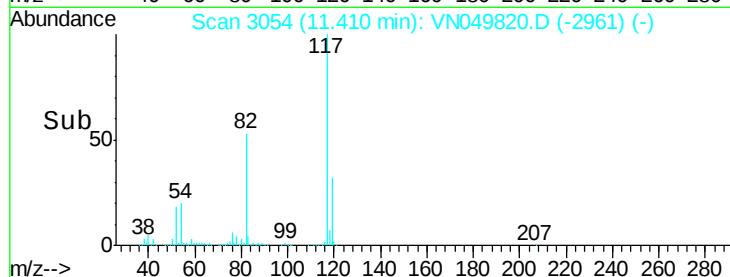
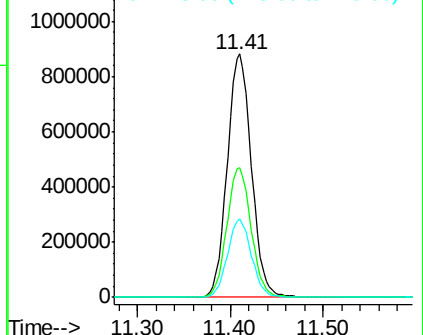
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049820.D

Acq: 14 Jul 2018 2:05

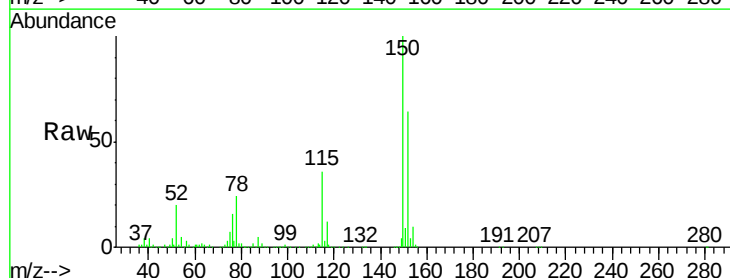
Tgt Ion:152 Resp: 579727

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 156.9 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

