

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049805.D
 Acq On : 13 Jul 2018 18:45
 Operator : MD\SY
 Sample : PB111069ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#08

Quant Time: Jul 14 00:27:53 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	1160762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1907316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1557129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	578683	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	790303	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
35) Dibromofluoromethane	7.59	113	717681	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.09	98	2549988	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	699586	39.80	ug/l	0.00
Spiked Amount			Recovery	=	79.60%	

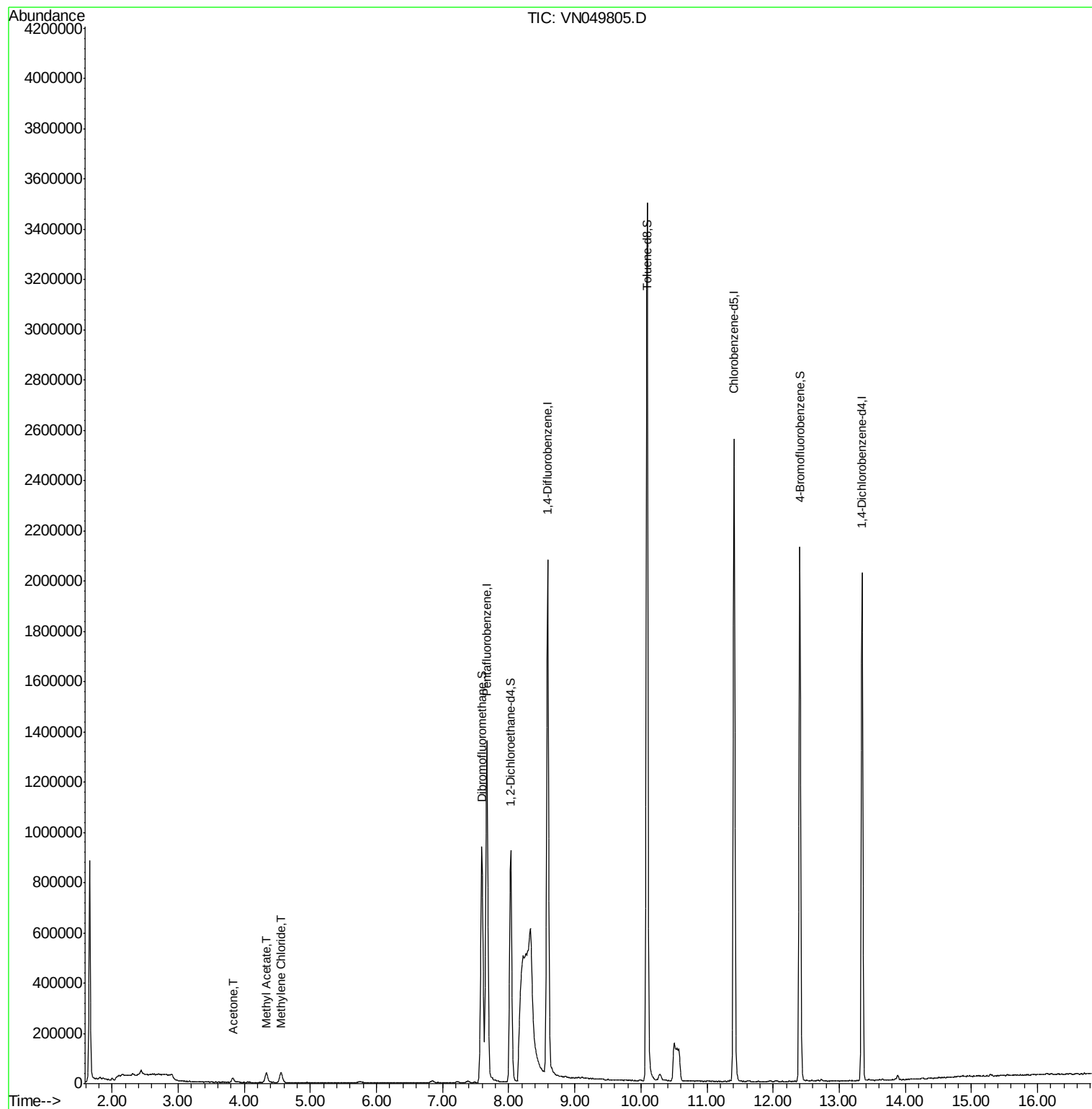
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	29176	6.76	ug/l	91
18) Methyl Acetate	4.34	43	75414	6.04	ug/l	99
20) Methylene Chloride	4.56	84	31106	1.35	ug/l	94

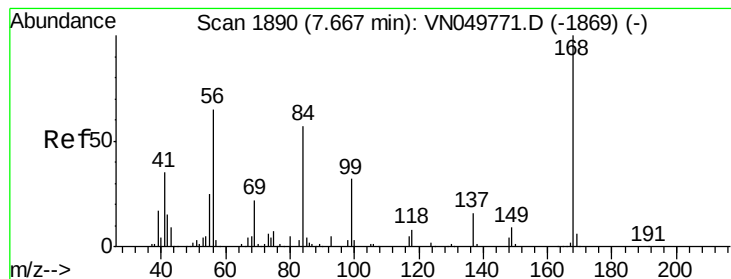
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049805.D

Acq: 13 Jul 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

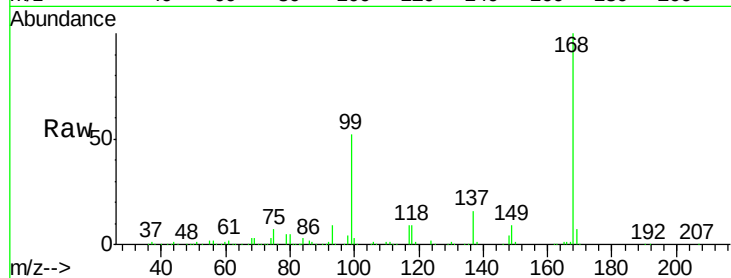
PB111069ZHE#08

Tot Ion:168 Resp: 1160762

Ion Ratio Lower Upper

168 100

99 51.8 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

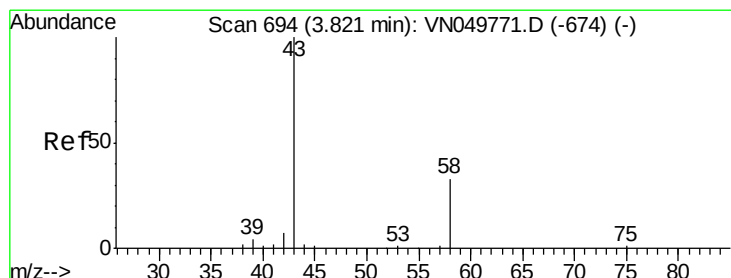
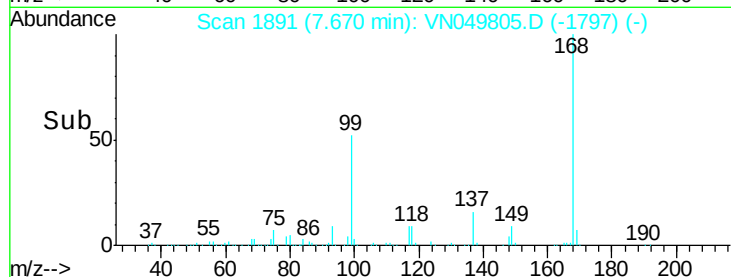
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.76 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049805.D

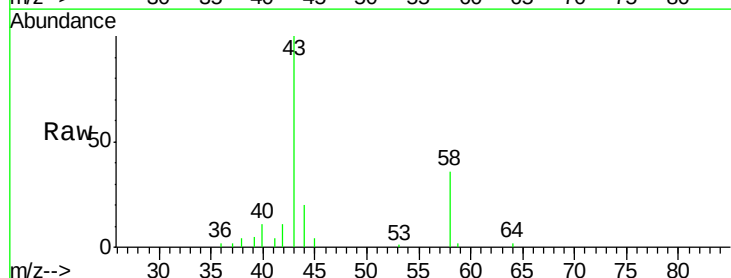
Acq: 13 Jul 2018 18:45

Tgt Ion: 43 Resp: 29176

Ion Ratio Lower Upper

43 100

58 37.5 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

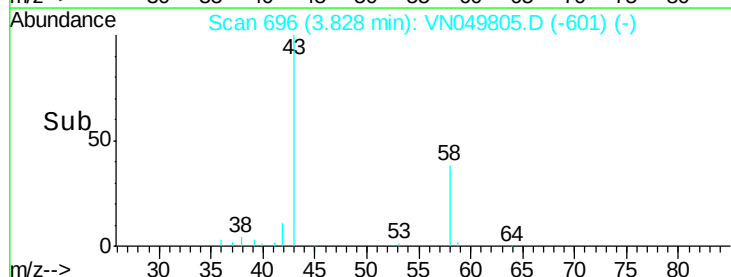
6000

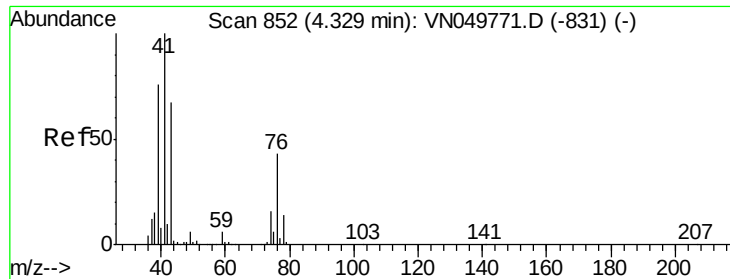
4000

2000

0

Time-->

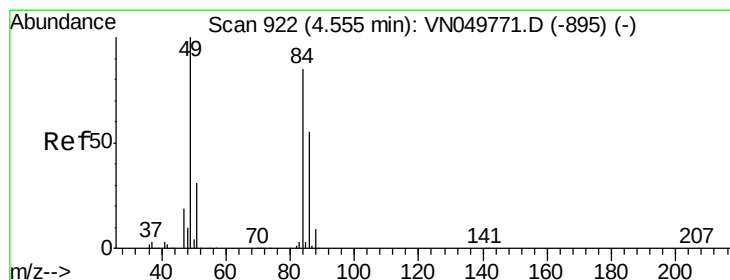
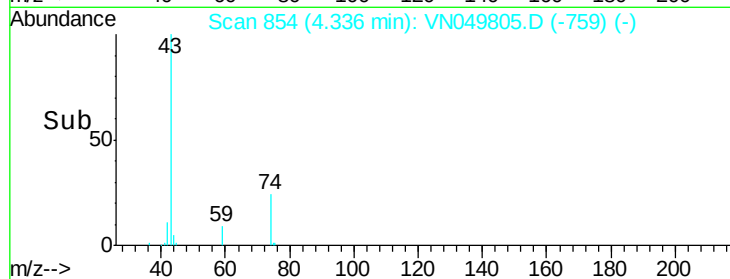
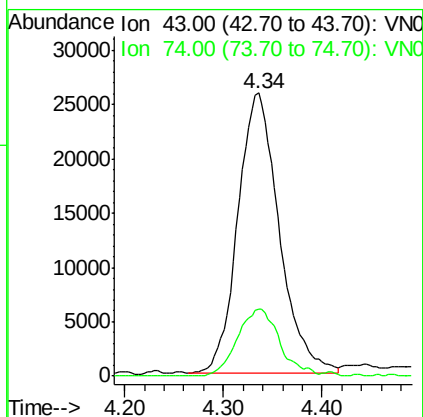
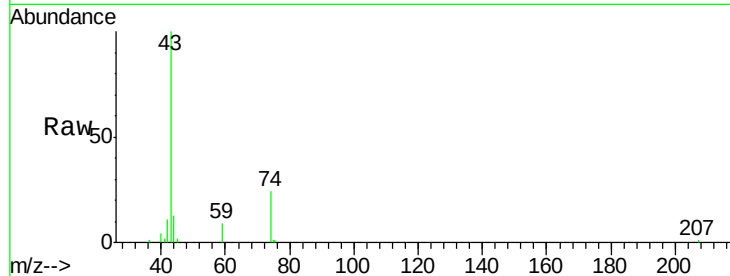




#18
Methvl Acetate
Concen: 6.04 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049805.D
Acq: 13 Jul 2018 18:45

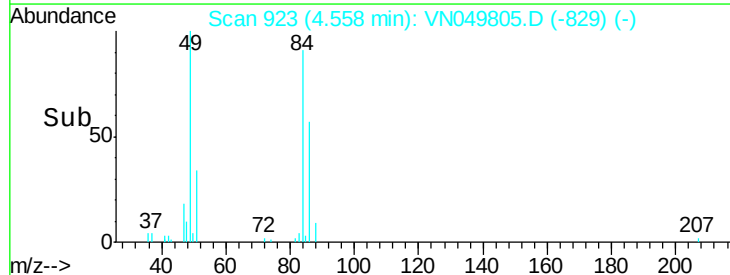
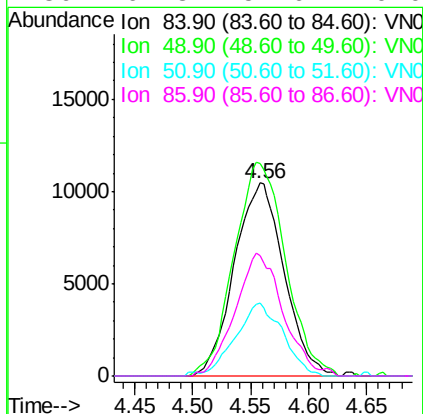
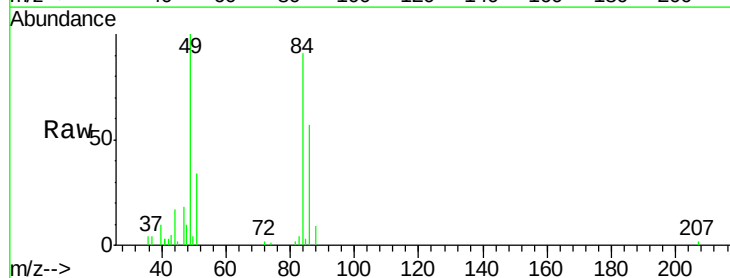
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#08

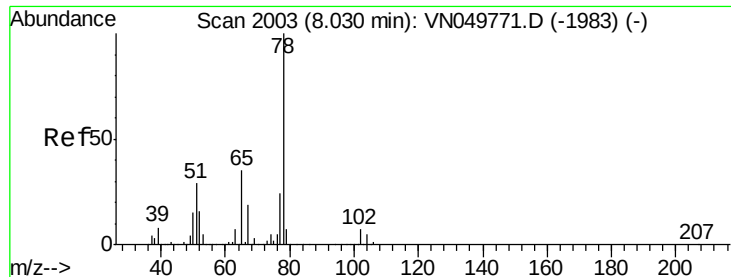
Tot Ion: 43 Resp: 75414
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN049805.D
Acq: 13 Jul 2018 18:45

Tgt Ion: 84 Resp: 31106
Ion Ratio Lower Upper
84 100
49 110.0 95.4 143.2
51 37.5 28.4 42.6
86 62.3 52.6 79.0

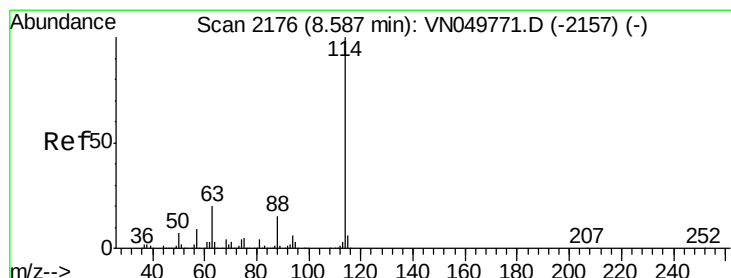
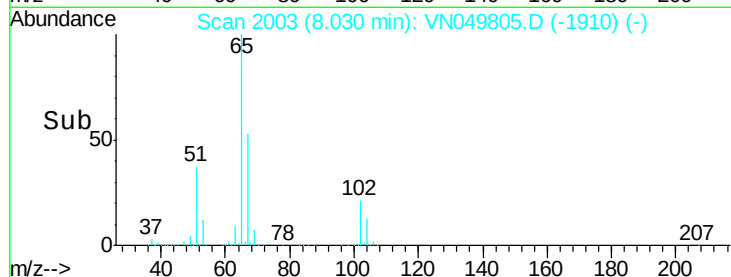
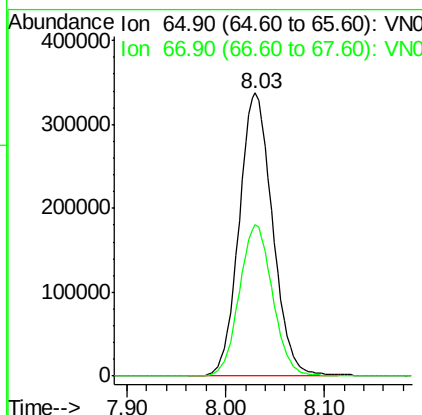
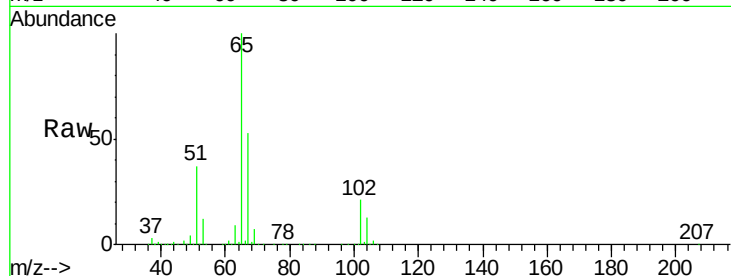




#33
 1,2-Dichloroethane-d4
 Concen: 58.53 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049805.D
 Acq: 13 Jul 2018 18:45

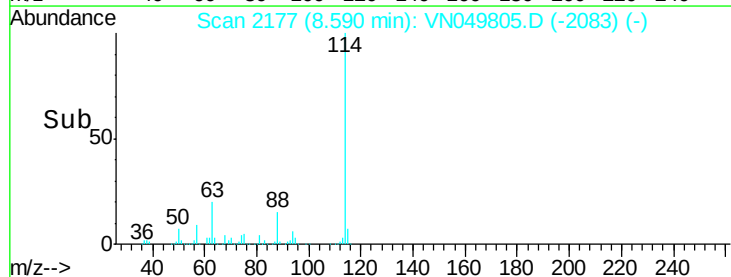
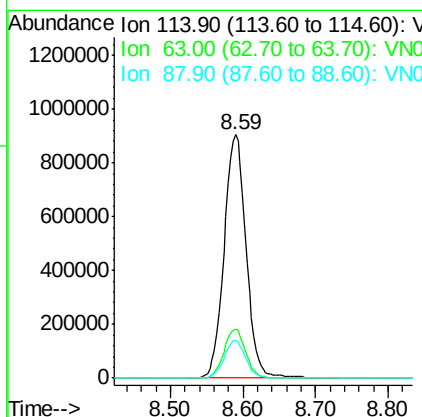
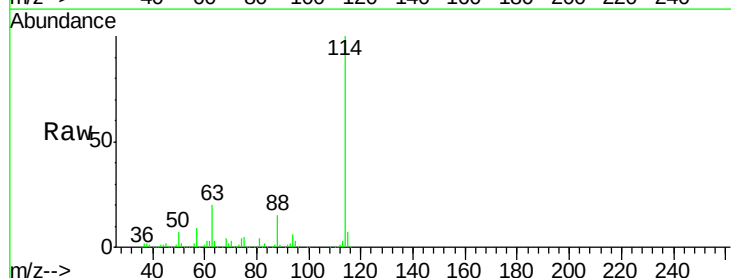
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#08

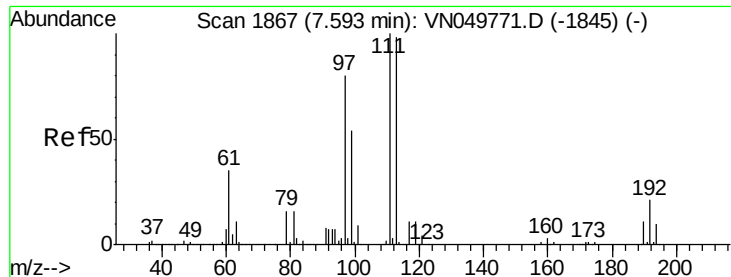
Tot Ion: 65 Resp: 790303
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049805.D
 Acq: 13 Jul 2018 18:45

Tgt Ion: 114 Resp: 1907316
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.4 0.0 30.6

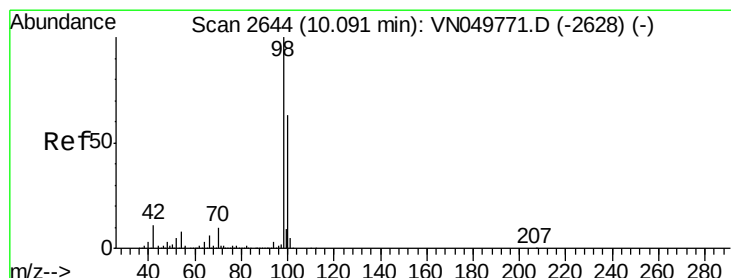
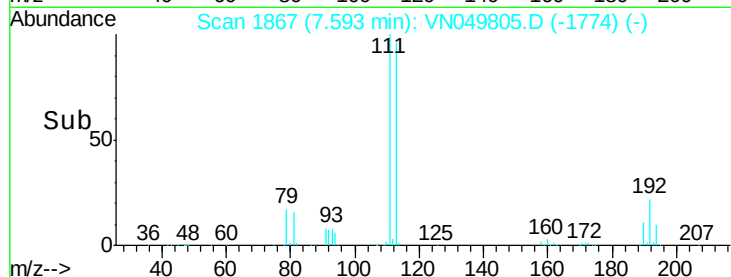
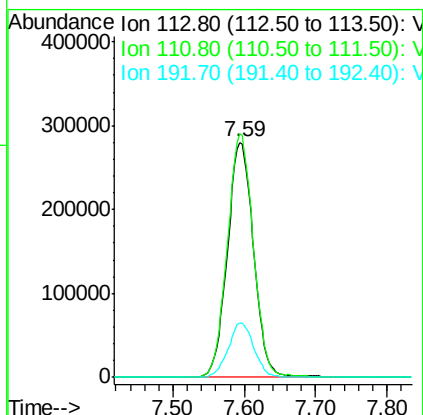
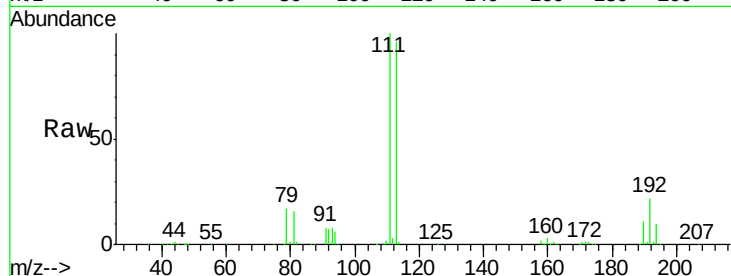




#35
Dibromofluoromethane
Concen: 49.92 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049805.D
Acq: 13 Jul 2018 18:45

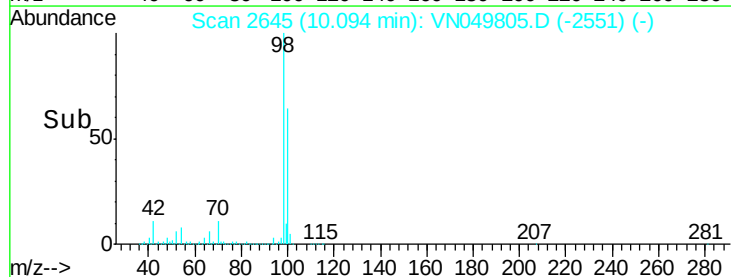
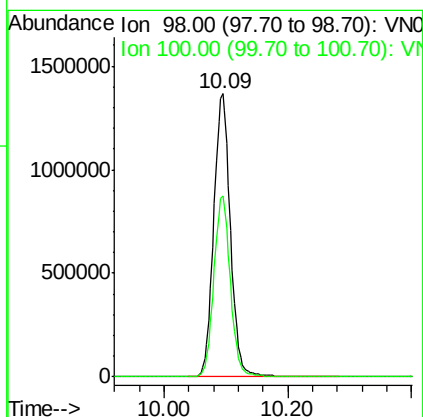
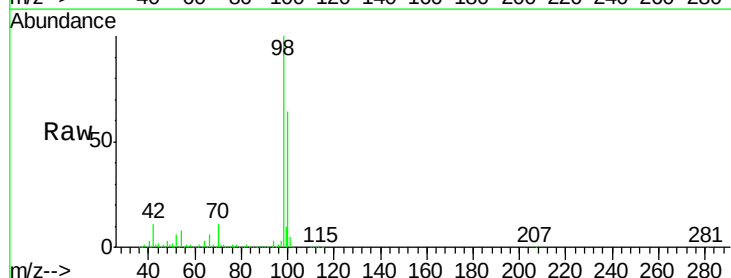
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#08

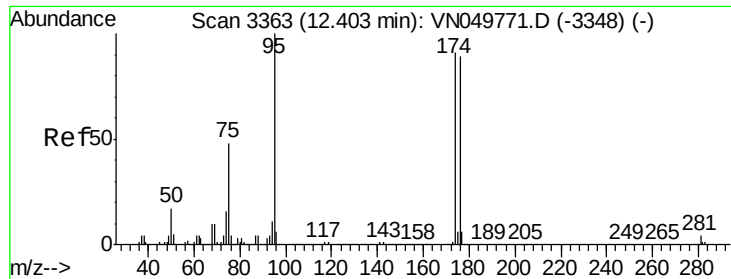
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.7	17.8	26.6



#50
Toluene-d8
Concen: 51.82 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049805.D
Acq: 13 Jul 2018 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 39.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049805.D

Acq: 13 Jul 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#08

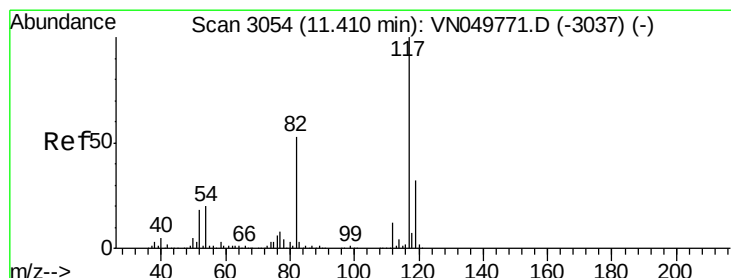
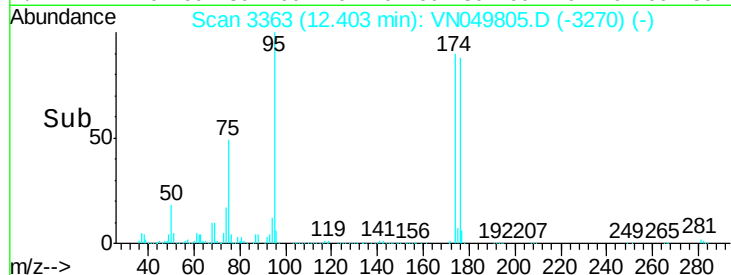
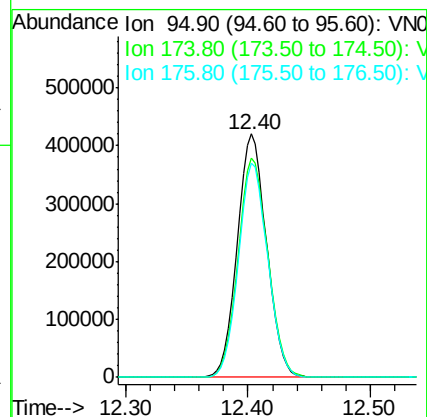
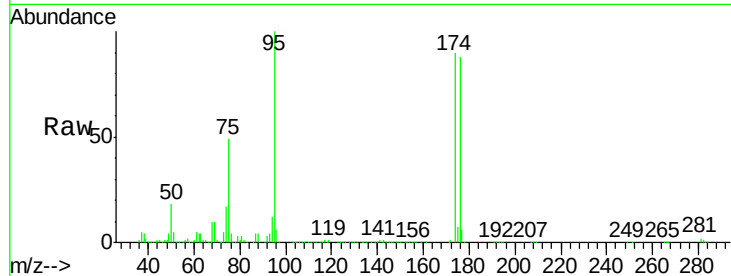
Tot Ion: 95 Resp: 699586

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 88.1 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: VN049805.D

Acq: 13 Jul 2018 18:45

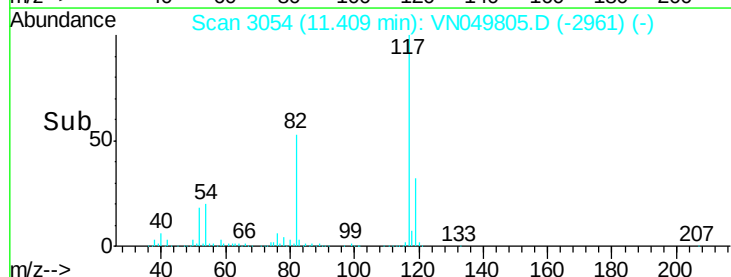
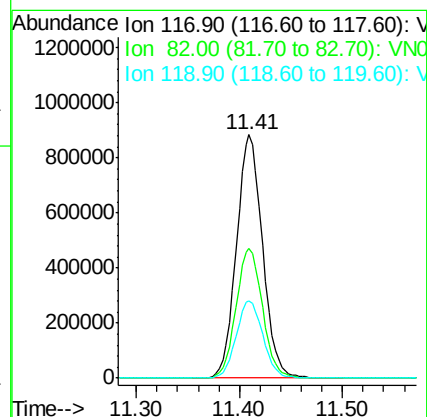
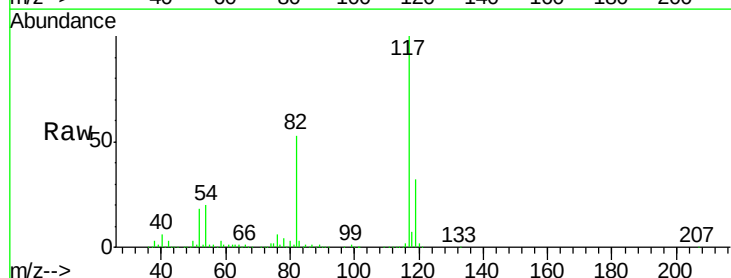
Tgt Ion: 117 Resp: 1557129

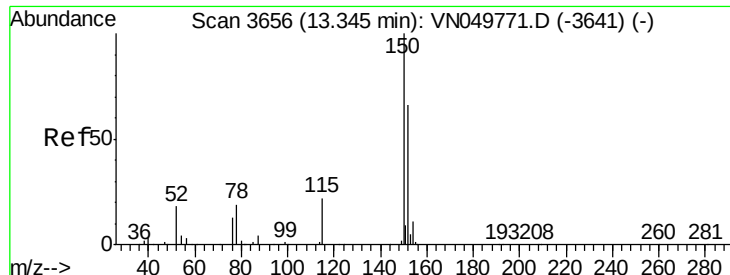
Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

119 31.9 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: VN049805.D

Acq: 13 Jul 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#08

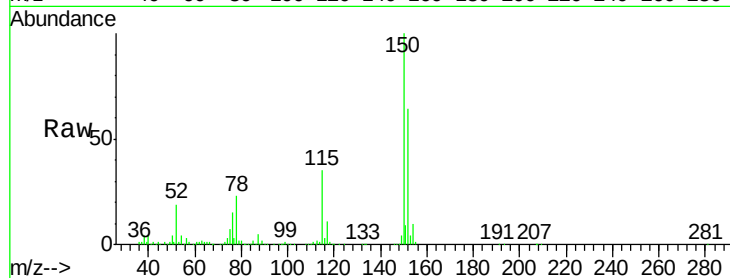
Tot Ion:152 Resp: 578683

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 156.8 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

