

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049808.D
 Acq On : 13 Jul 2018 20:02
 Operator : MD\SY
 Sample : PB111069ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#11

Quant Time: Jul 14 00:35:17 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	1145704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1906370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1567602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	575986	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	787762	59.11	ug/l	0.00
Spiked Amount			Recovery	=	118.22%	
35) Dibromofluoromethane	7.59	113	716398	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.09	98	2560553	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.40	95	695578	39.59	ug/l	0.00
Spiked Amount			Recovery	=	79.18%	

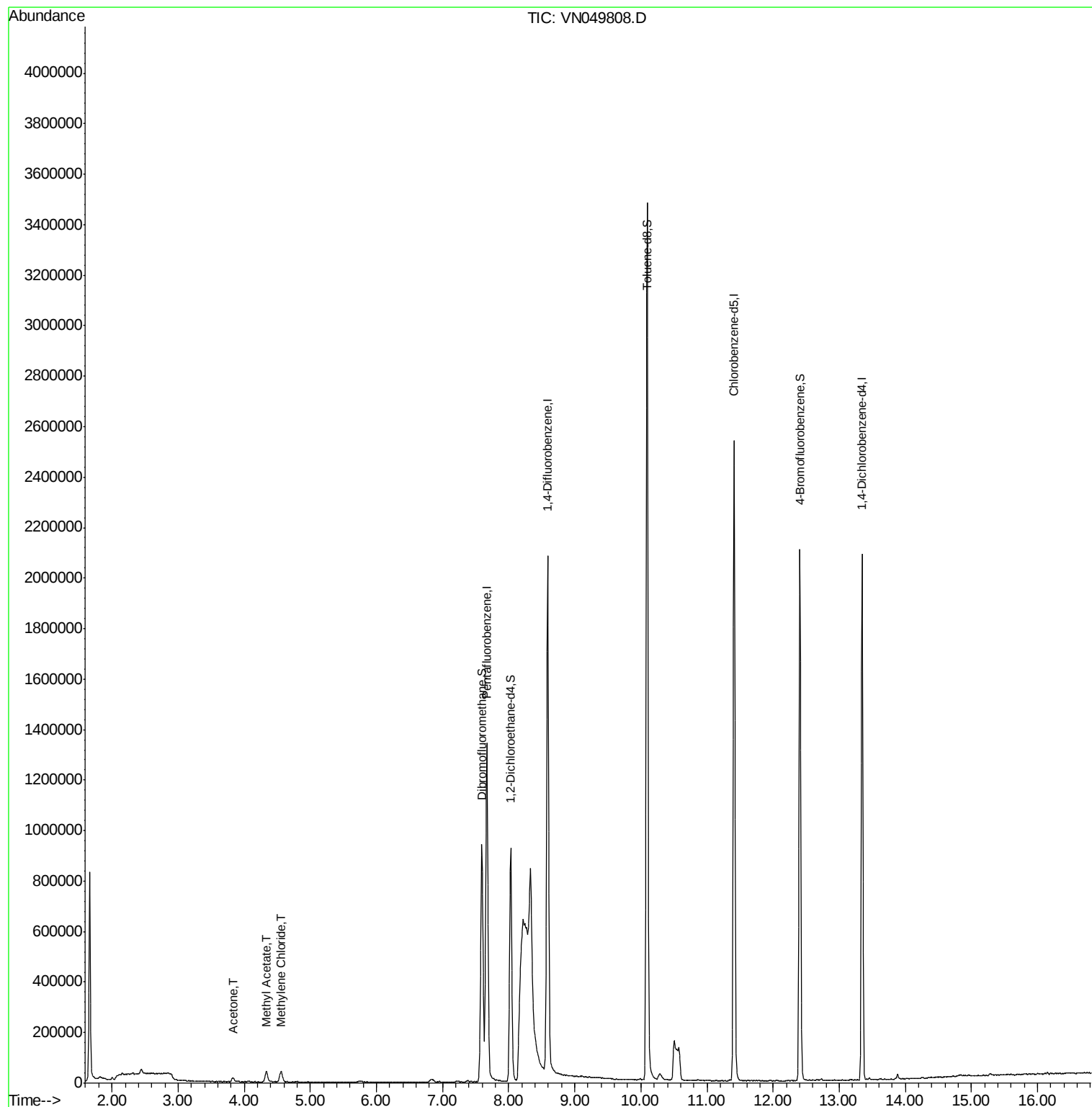
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26684	6.11	ug/l	97
18) Methyl Acetate	4.34	43	78125	6.37	ug/l	100
20) Methylene Chloride	4.55	84	32248	1.47	ug/l	90

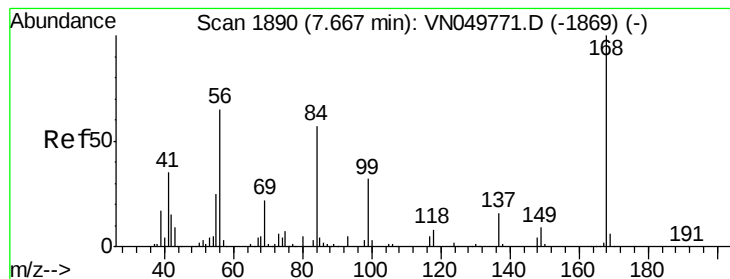
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049808.D

Acq: 13 Jul 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

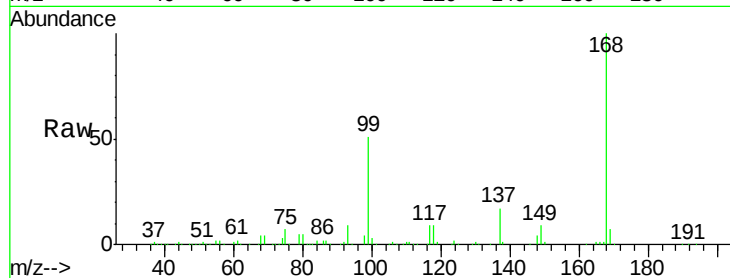
PB111069ZHE#11

Tot Ion:168 Resp: 1145704

Ion Ratio Lower Upper

168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049771.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049771.D (-1869) (-)

7.67

500000

400000

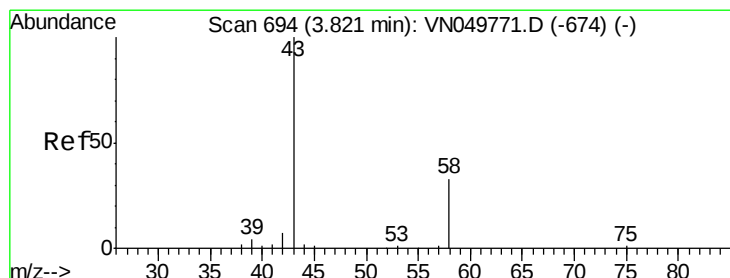
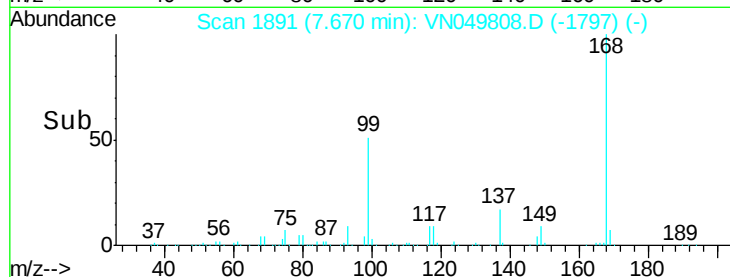
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.11 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049808.D

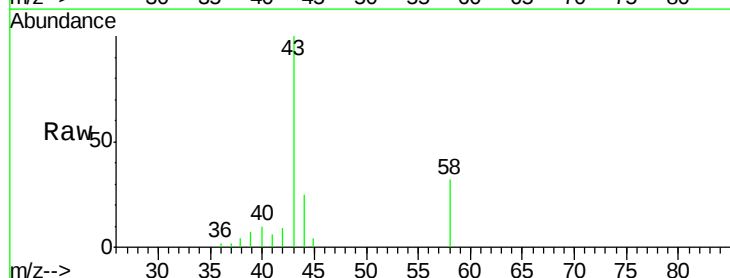
Acq: 13 Jul 2018 20:02

Tgt Ion: 43 Resp: 26684

Ion Ratio Lower Upper

43 100

58 34.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-674) (-)

3.83

12000

10000

8000

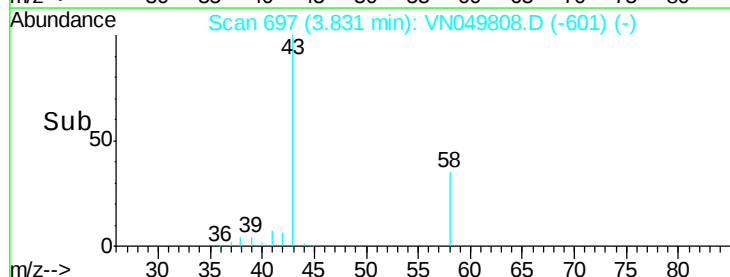
6000

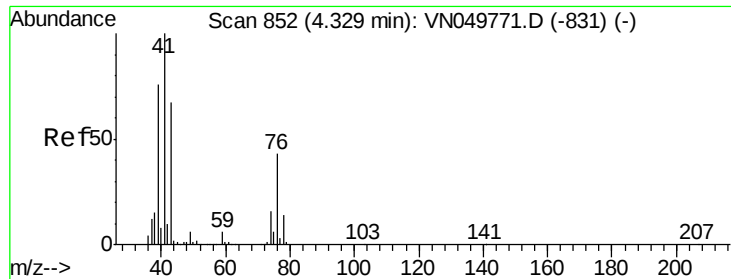
4000

2000

0

Time-->

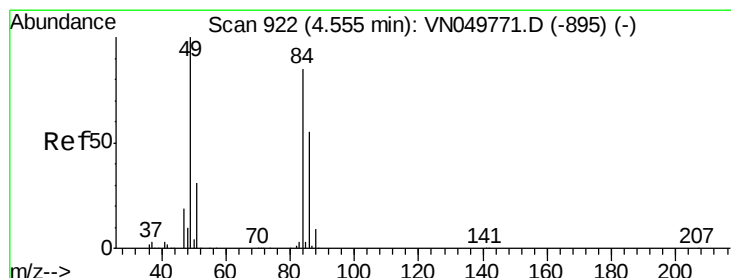
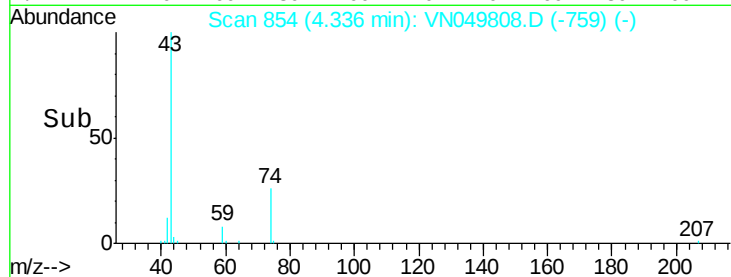
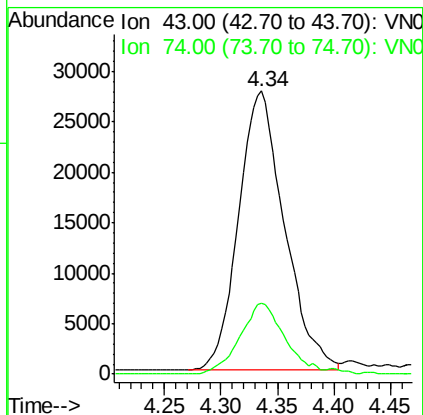
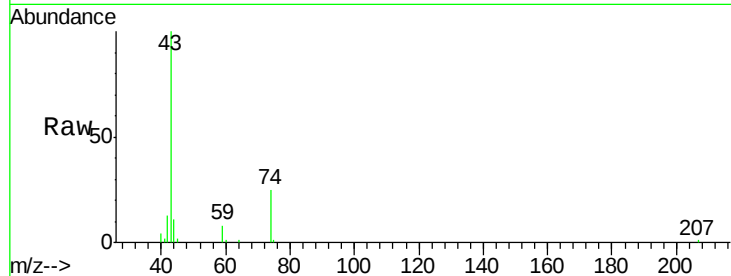




#18
Methvl Acetate
Concen: 6.37 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

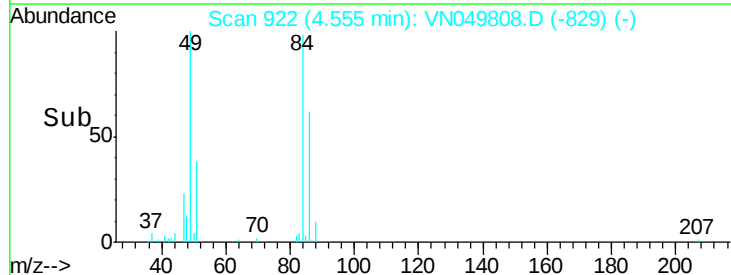
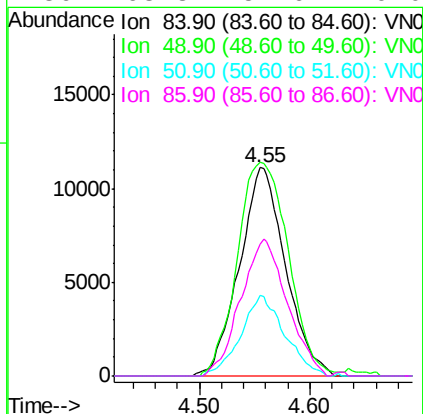
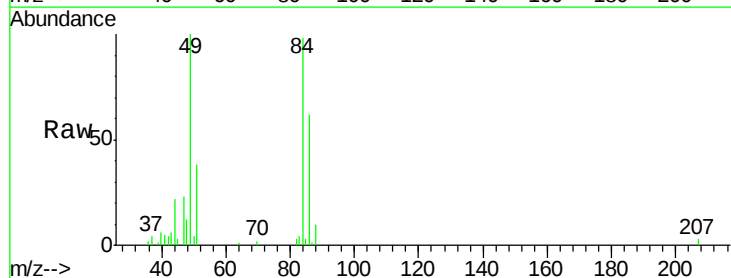
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#11

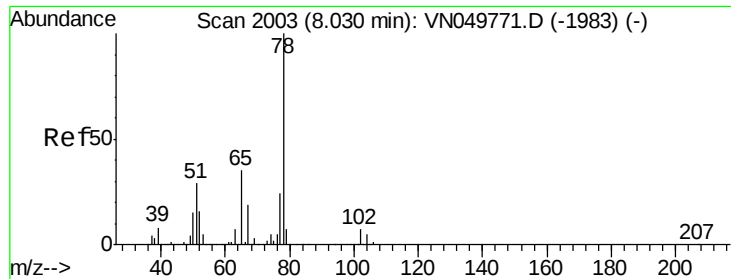
Tot Ion: 43 Resp: 78125
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8



#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

Tgt Ion: 84 Resp: 32248
Ion Ratio Lower Upper
84 100
49 102.4 95.4 143.2
51 38.5 28.4 42.6
86 63.3 52.6 79.0

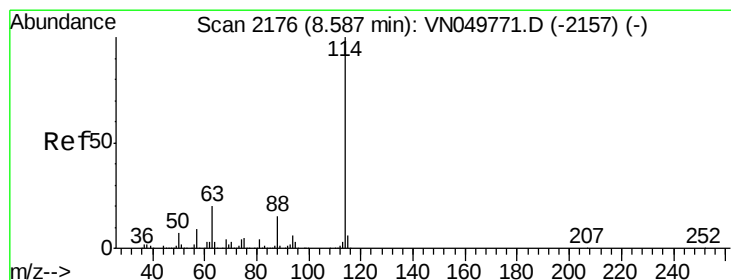
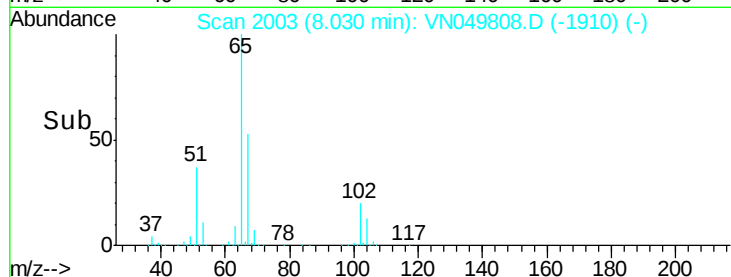
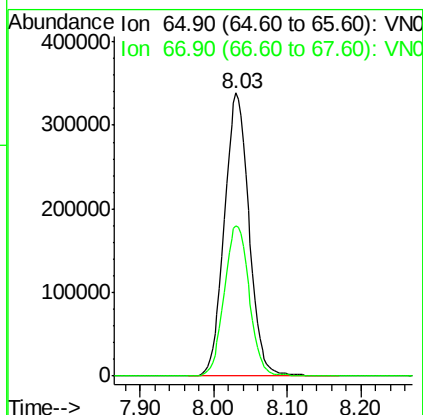
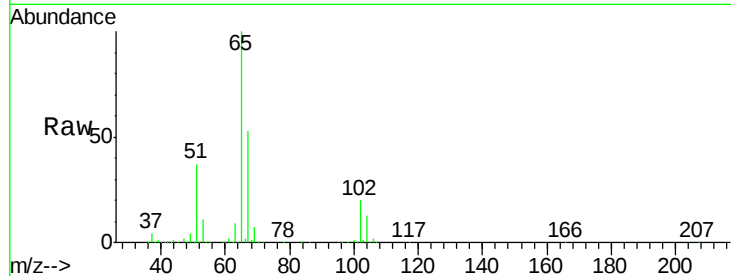




#33
 1,2-Dichloroethane-d4
 Concen: 59.11 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049808.D
 Acq: 13 Jul 2018 20:02

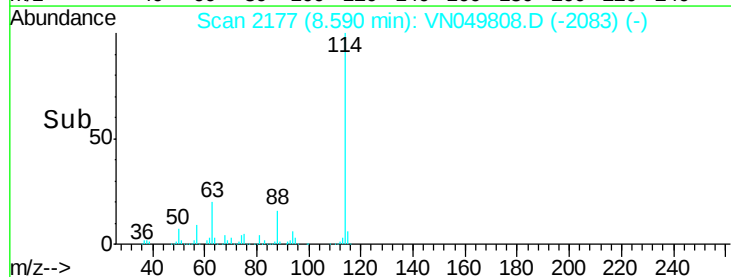
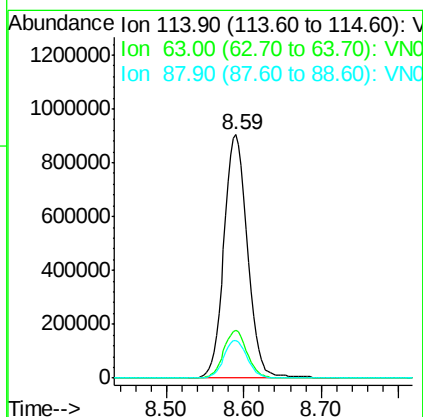
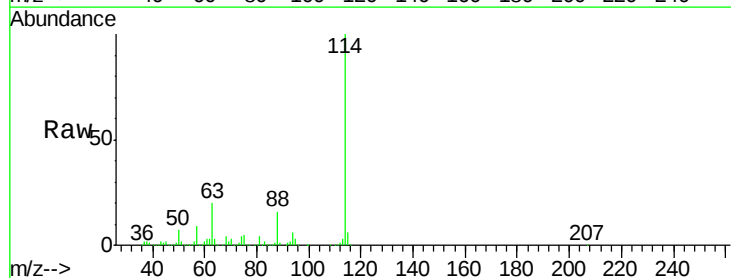
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#11

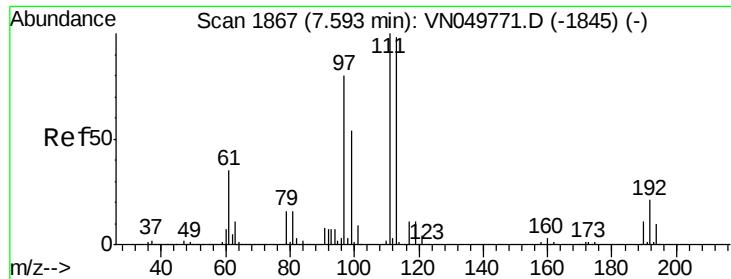
Tot Ion: 65 Resp: 787762
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049808.D
 Acq: 13 Jul 2018 20:02

Tgt Ion: 114 Resp: 1906370
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 30.6

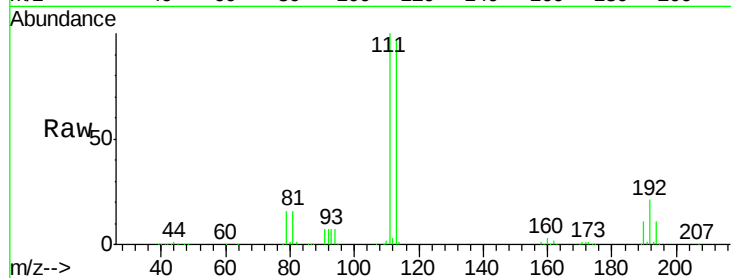




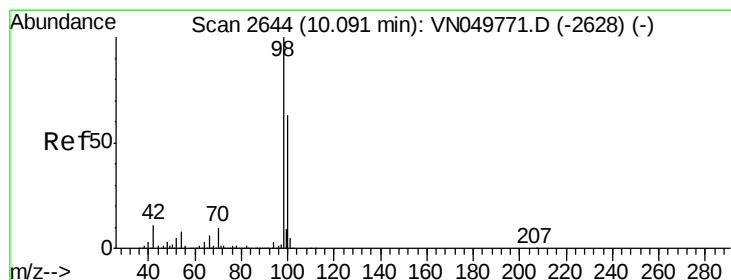
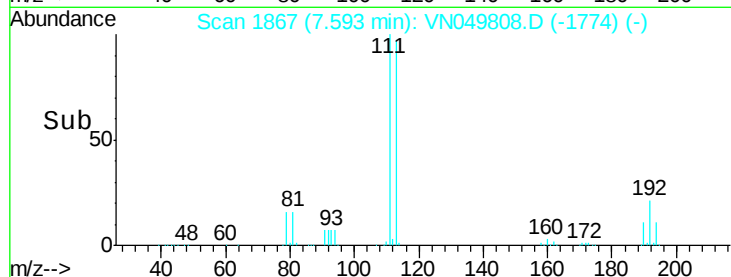
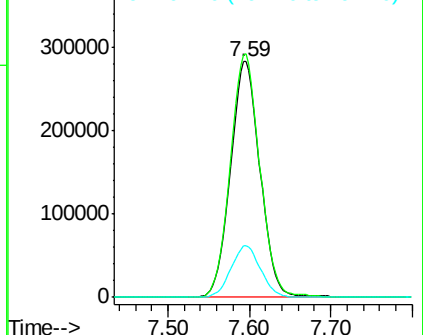
#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#11

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	21.9	17.8	26.6

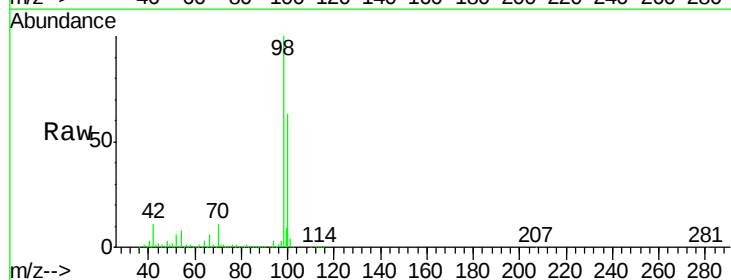


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

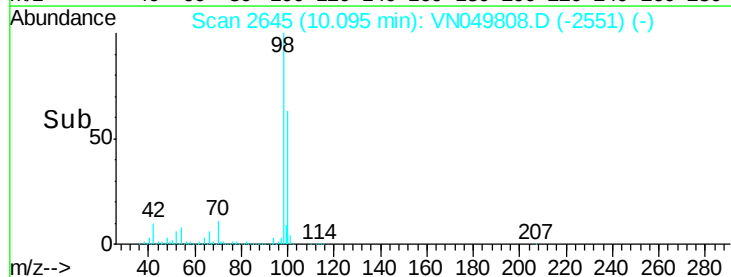
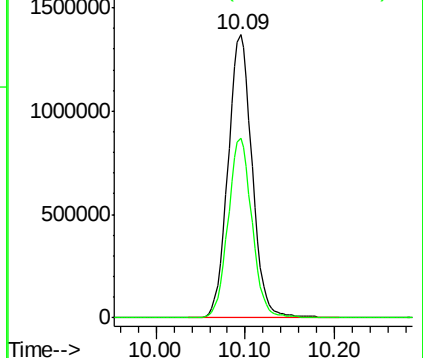


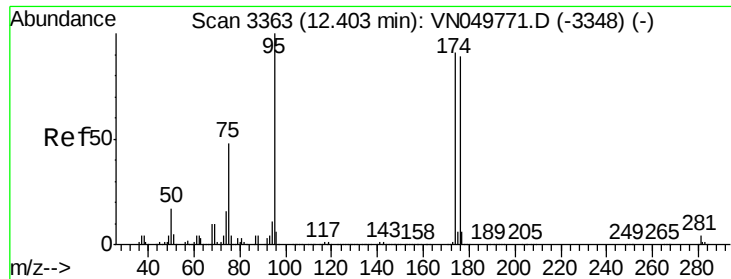
#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5



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

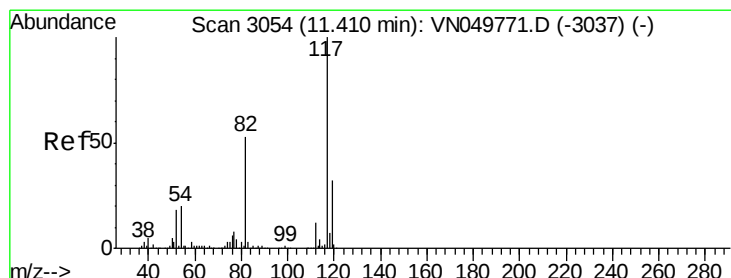
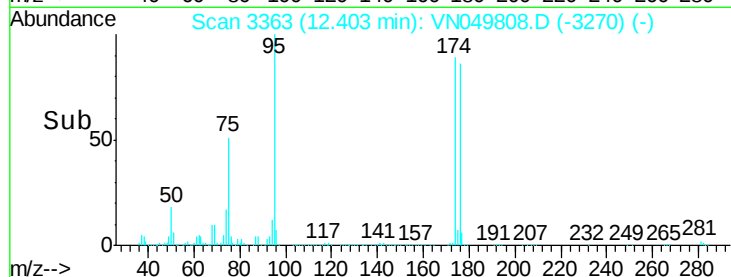
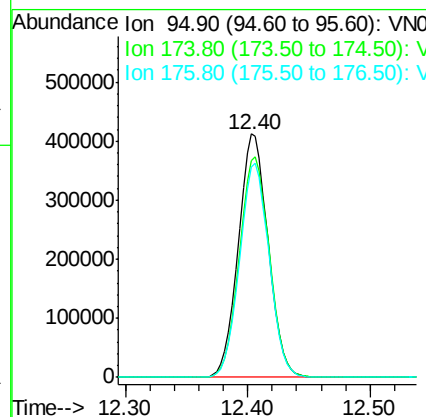
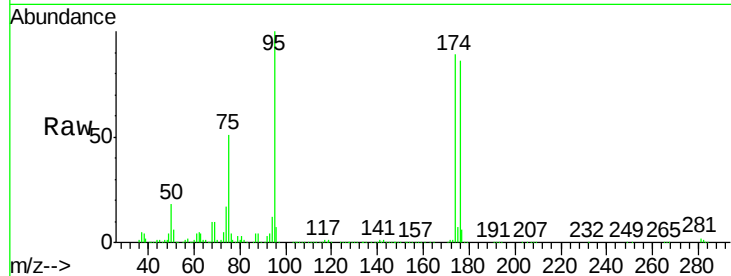




#62
4-Bromofluorobenzene
Concen: 39.59 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

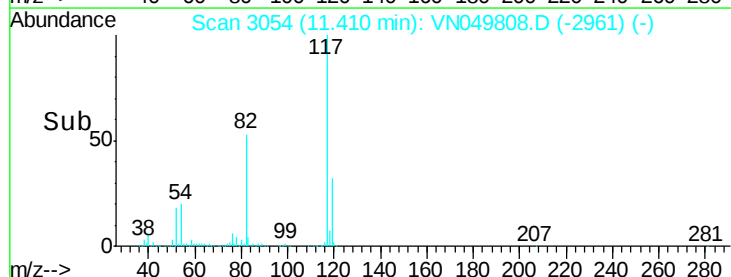
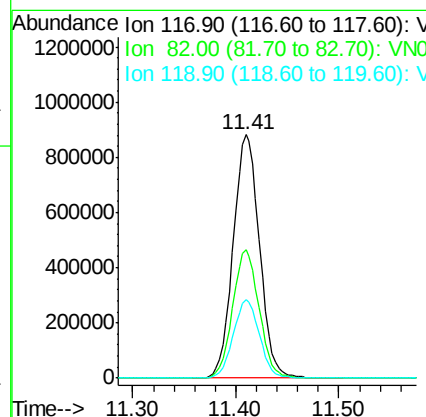
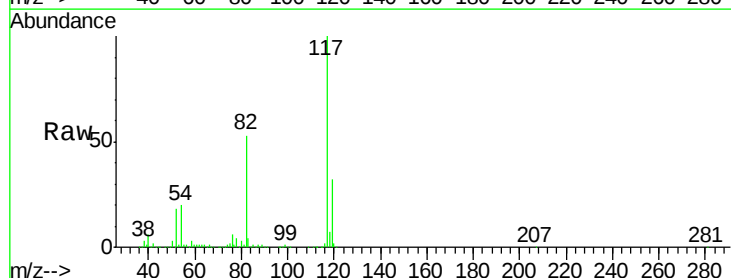
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#11

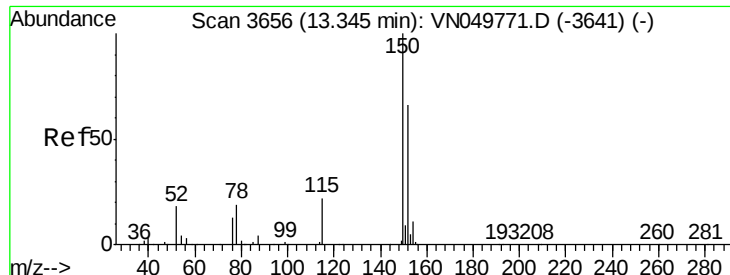
Tot Ion: 95 Resp: 695578
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.6
176 87.2 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049808.D
Acq: 13 Jul 2018 20:02

Tgt Ion: 117 Resp: 1567602
Ion Ratio Lower Upper
117 100
82 52.6 41.9 62.9
119 32.2 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: VN049808.D

Acq: 13 Jul 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#11

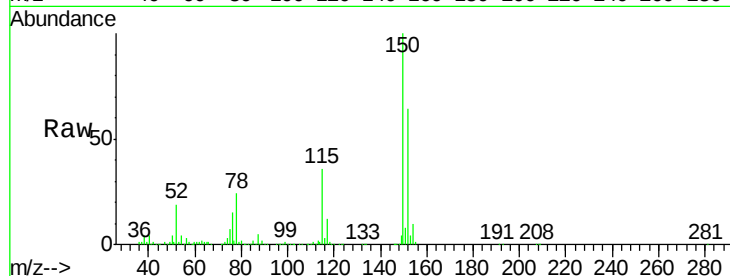
Tot Ion:152 Resp: 575986

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 157.3 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

