

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049810.D
 Acq On : 13 Jul 2018 20:55
 Operator : MD\SY
 Sample : PB111069ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#13

Quant Time: Jul 14 00:43:33 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	1106591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1839297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1497168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	566131	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	759465	59.00	ug/l	0.00
Spiked Amount			Recovery	=	118.00%	
35) Dibromofluoromethane	7.60	113	683343	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	10.09	98	2441997	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	673935	39.76	ug/l	0.00
Spiked Amount			Recovery	=	79.52%	

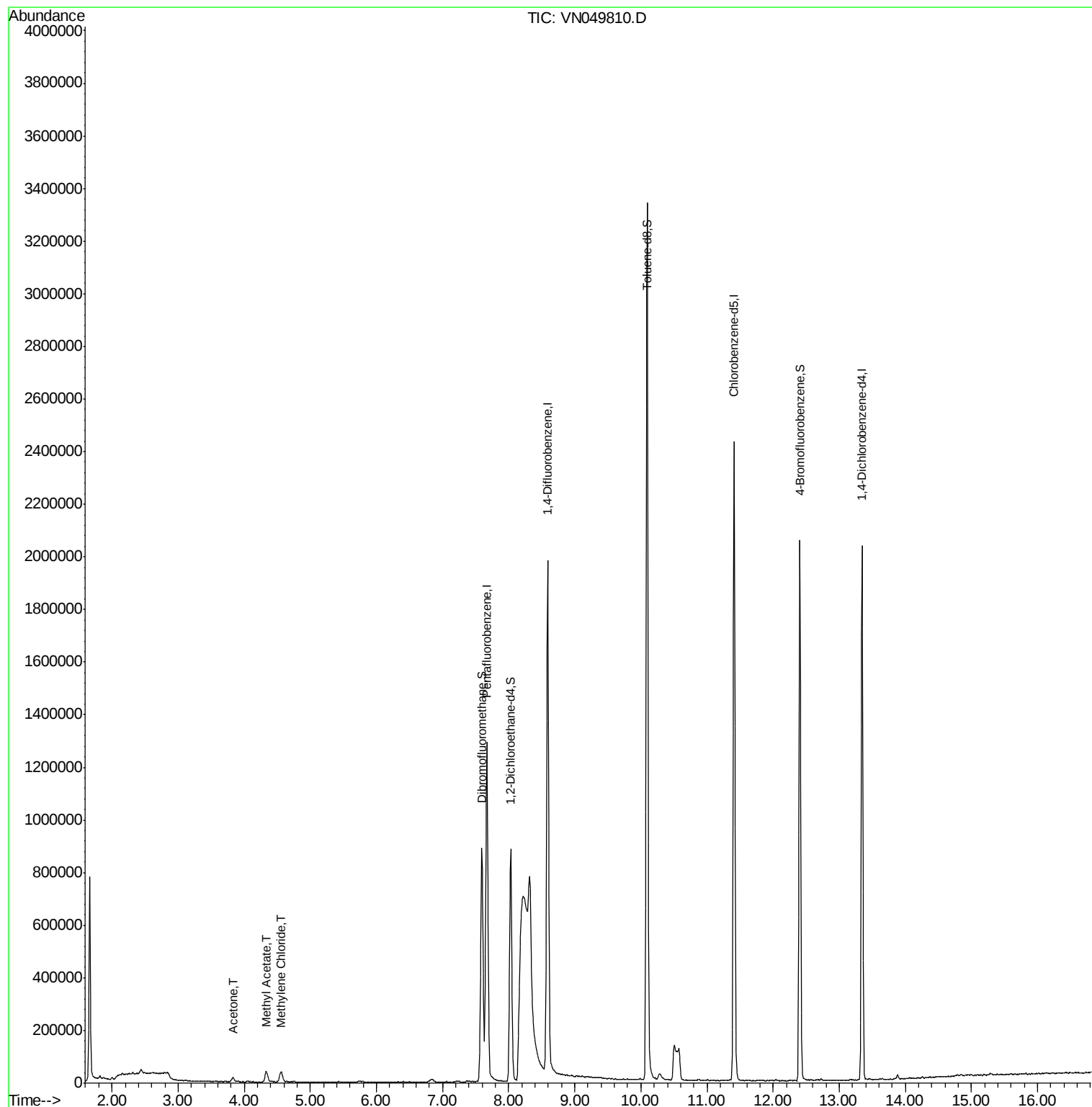
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28046	6.83	ug/l	99
18) Methyl Acetate	4.33	43	80025	6.81	ug/l	97
20) Methylene Chloride	4.56	84	29809	1.37	ug/l	93

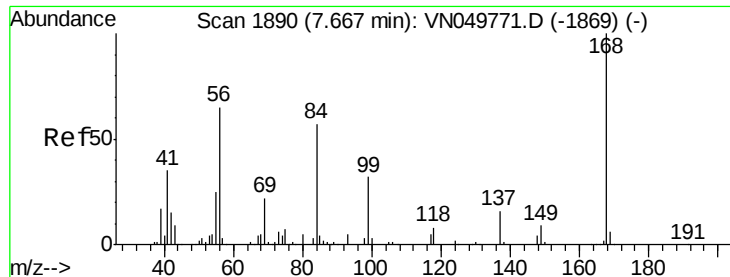
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

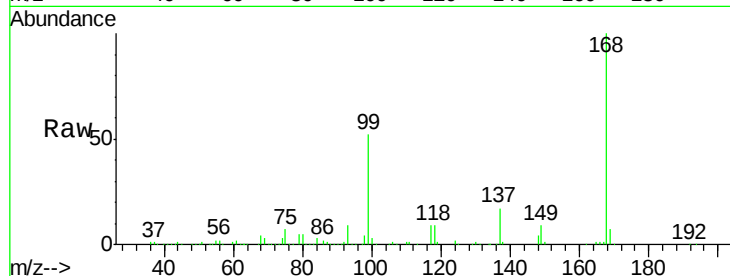
PB111069ZHE#13

Tot Ion:168 Resp: 1106591

Ion Ratio Lower Upper

168 100

99 51.7 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

400000

300000

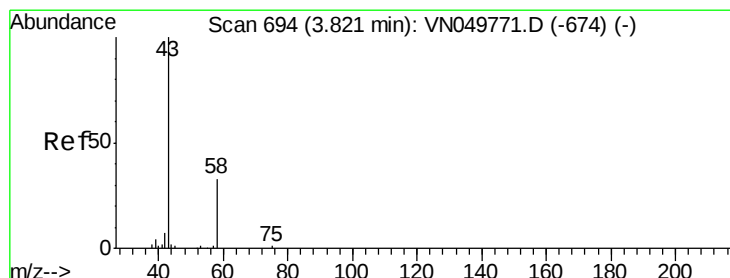
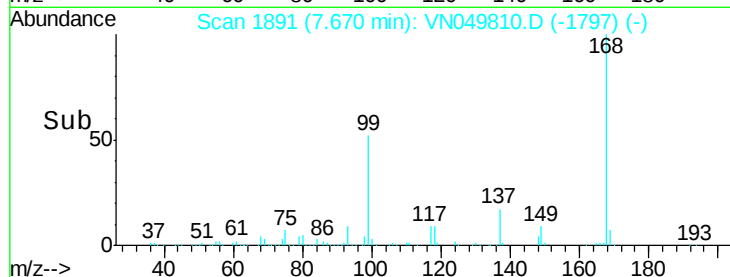
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.83 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049810.D

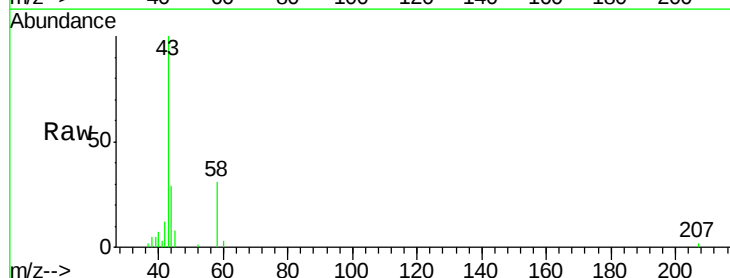
Acq: 13 Jul 2018 20:55

Tgt Ion: 43 Resp: 28046

Ion Ratio Lower Upper

43 100

58 31.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

12000

10000

8000

6000

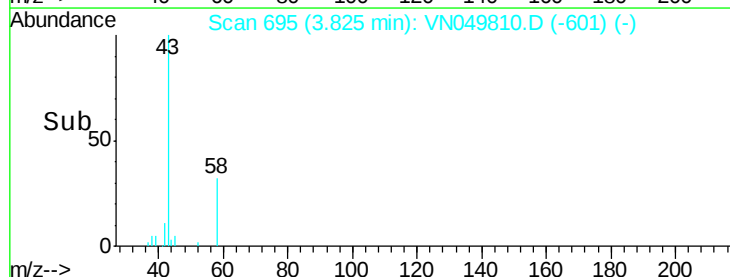
4000

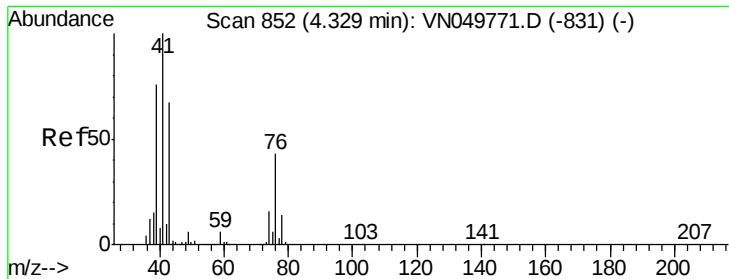
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0

Time-->

3.75 3.80 3.85 3.90

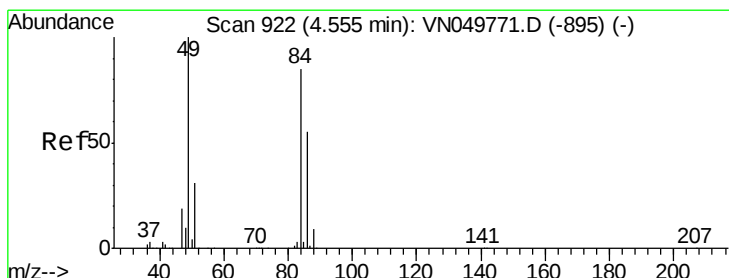
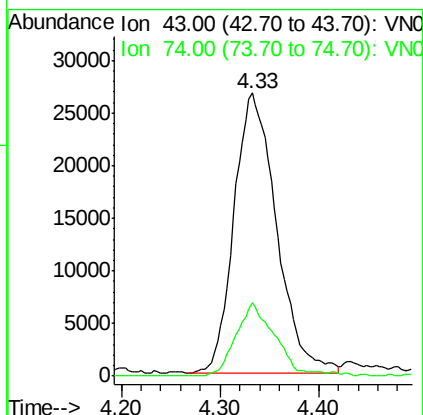
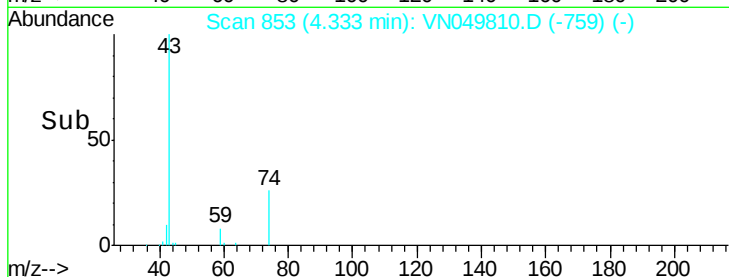
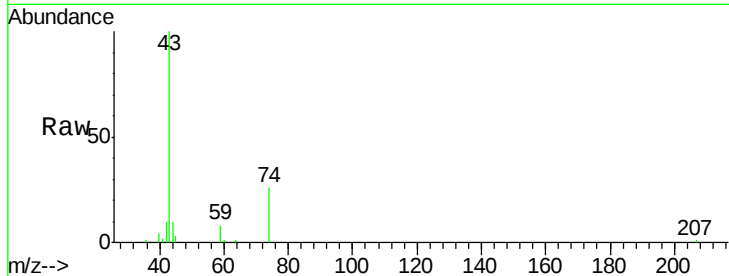




#18
Methvl Acetate
Concen: 6.81 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

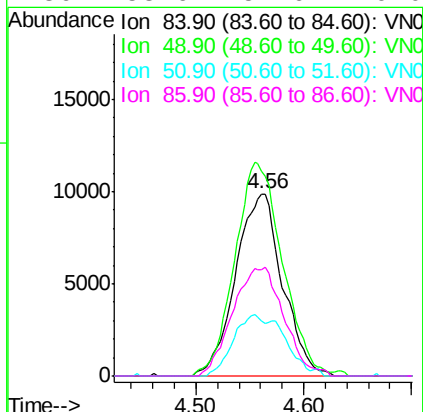
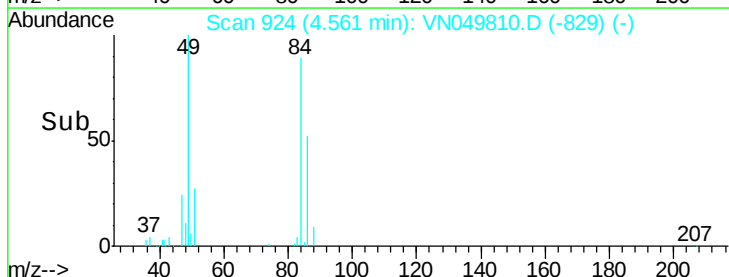
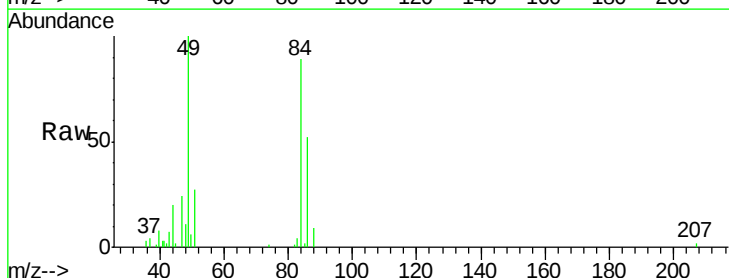
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#13

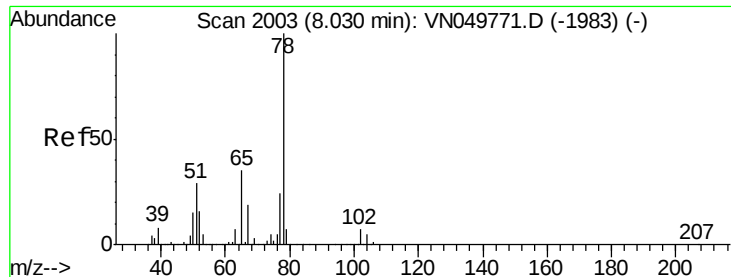
Tot Ion: 43 Resp: 80025
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.37 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Tgt Ion: 84 Resp: 29809
Ion Ratio Lower Upper
84 100
49 112.4 95.4 143.2
51 30.5 28.4 42.6
86 58.6 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 59.00 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

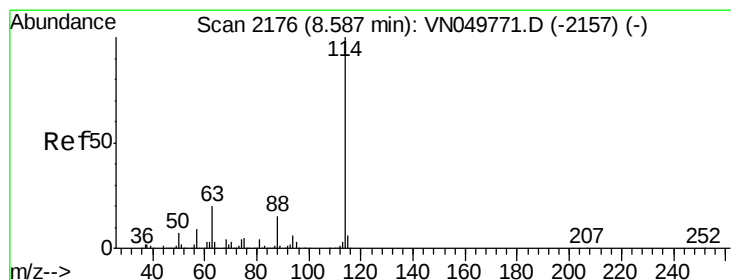
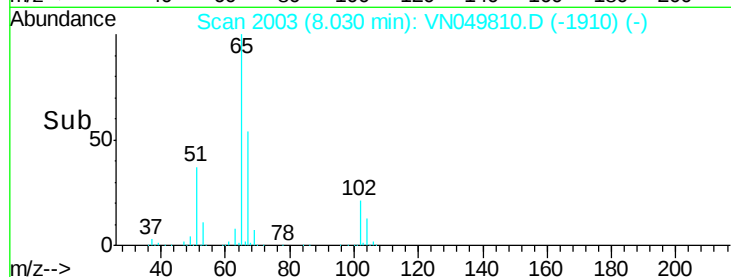
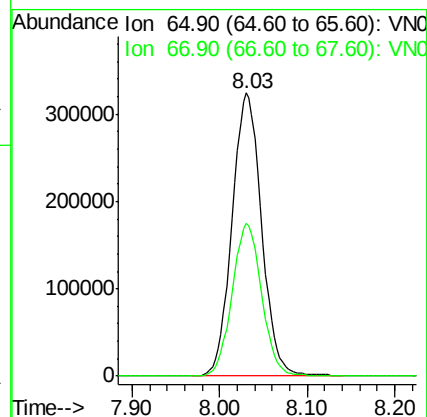
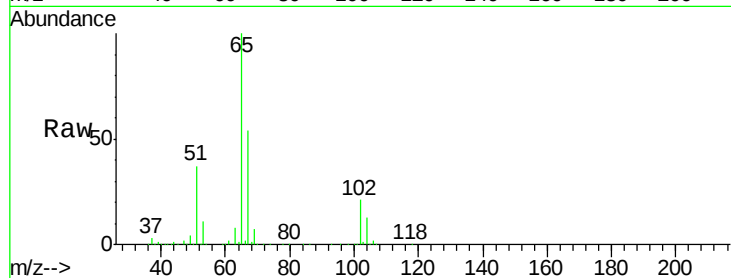
PB111069ZHE#13

Tot Ion: 65 Resp: 759465

Ion Ratio Lower Upper

65 100

67 53.8 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: VN049810.D

Acq: 13 Jul 2018 20:55

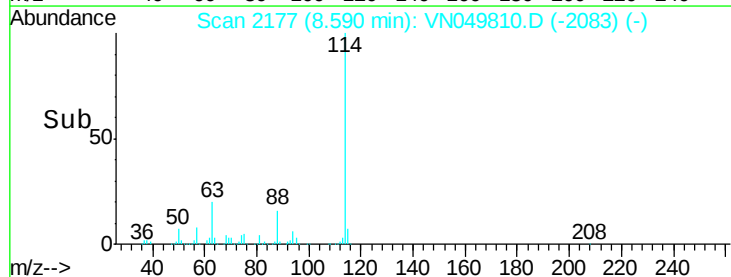
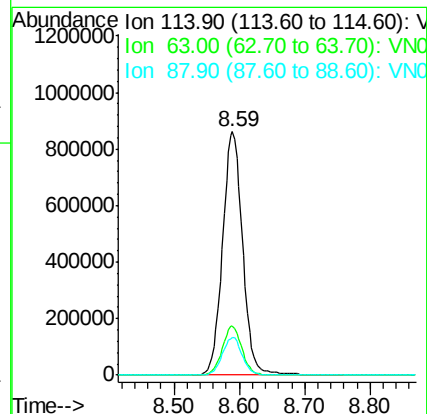
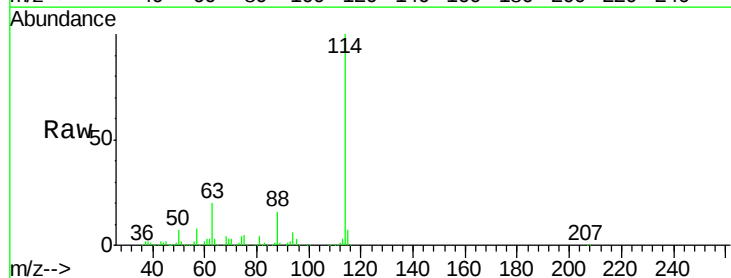
Tgt Ion: 114 Resp: 1839297

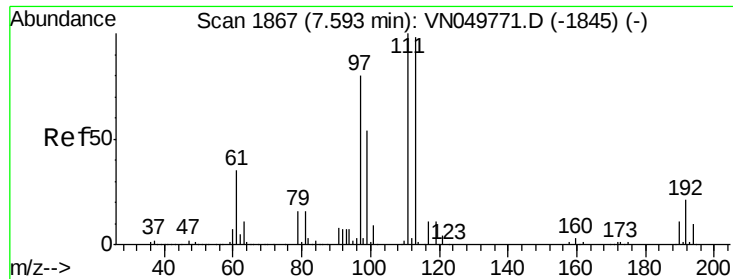
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.6 0.0 30.6

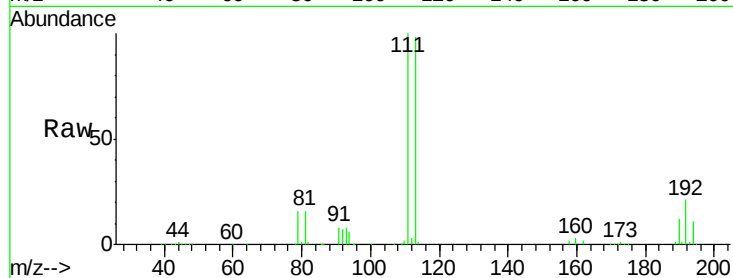




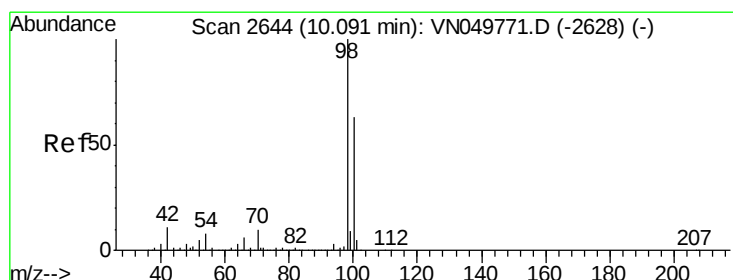
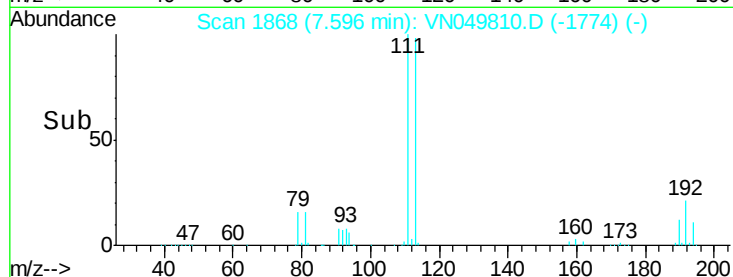
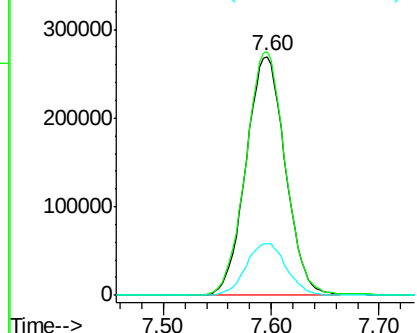
#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#13

Tot Ion:113 Resp: 683343
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 22.4 17.8 26.6

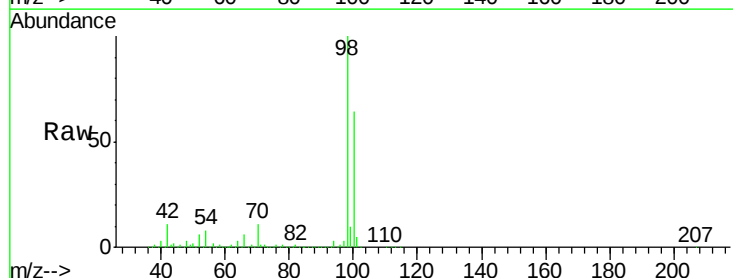


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

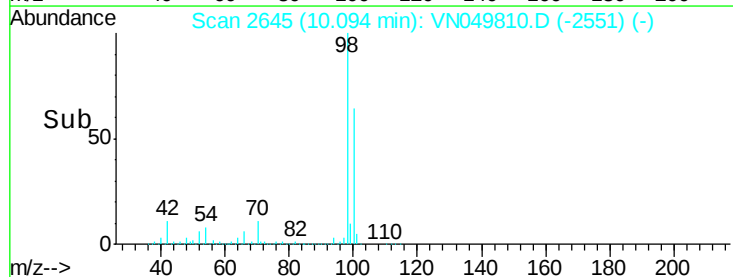
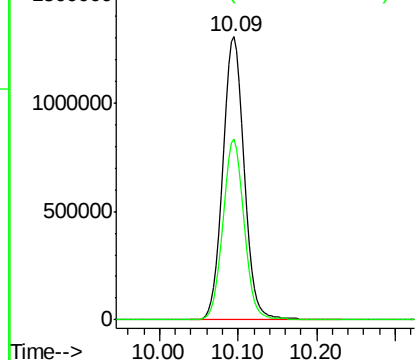


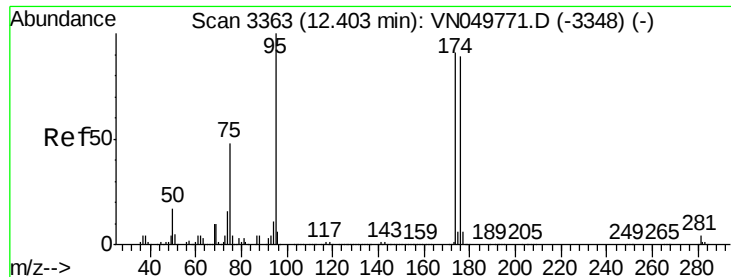
#50
Toluene-d8
Concen: 51.46 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Tgt Ion: 98 Resp: 2441997
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



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

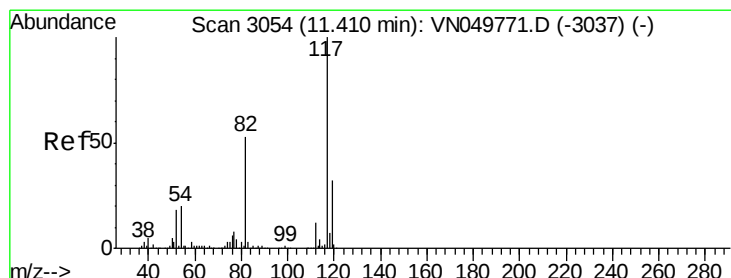
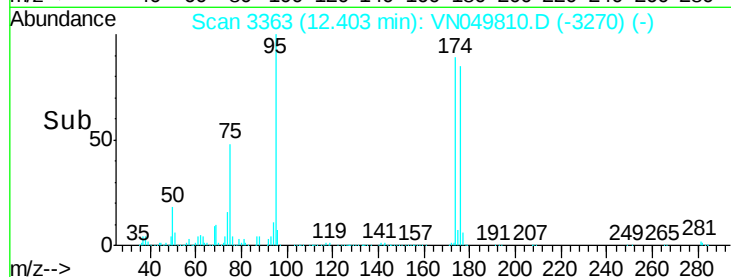
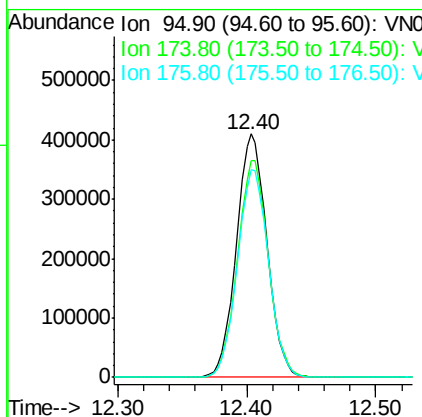
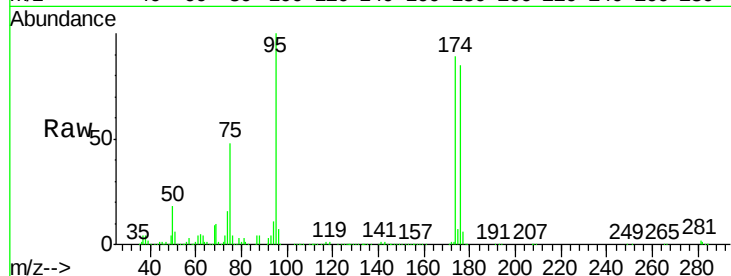




#62
4-Bromofluorobenzene
Concen: 39.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

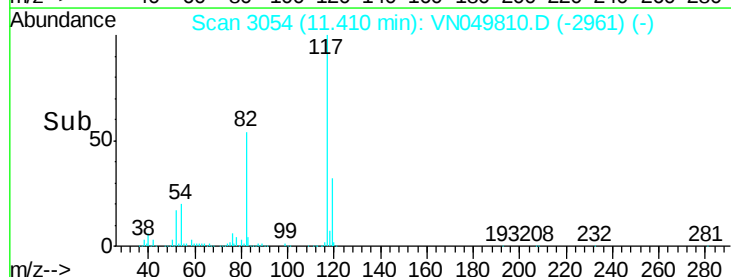
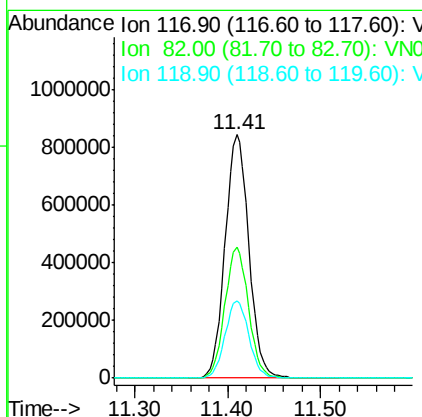
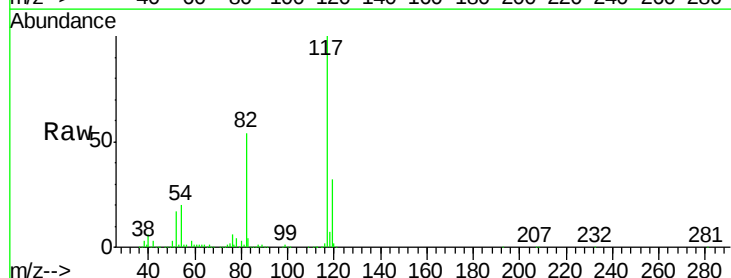
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#13

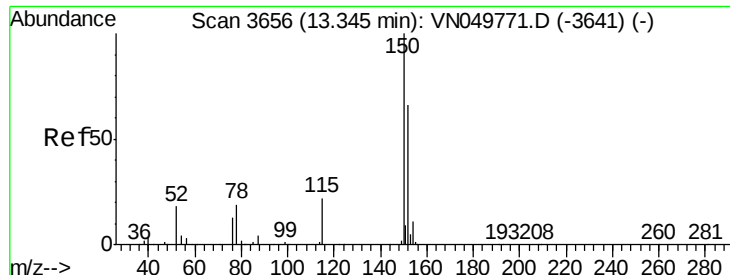
Tot Ion: 95 Resp: 673935
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.6
176 86.8 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Tgt Ion: 117 Resp: 1497168
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.8 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: VN049810.D

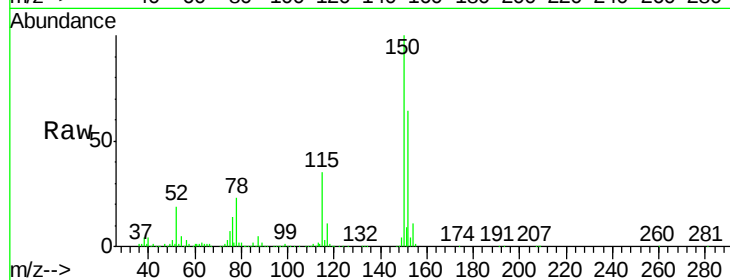
Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13



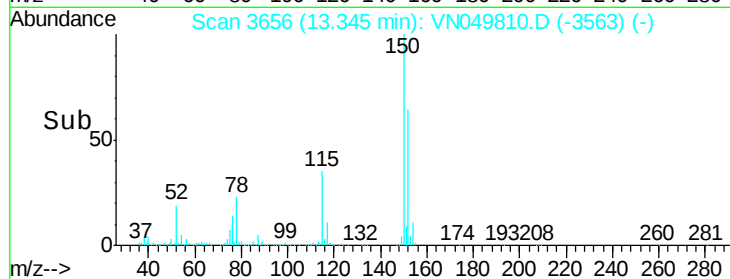
Tot Ion:152 Resp: 566131

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 157.4 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

