

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049799.D
 Acq On : 13 Jul 2018 16:09
 Operator : MD\SY
 Sample : PB111069ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#02

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:02:47 AM

Quant Time: Jul 14 00:11:49 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	1207518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1842793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1586690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	797714	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
35) Dibromofluoromethane	7.59	113	727053	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	10.09	98	2564275	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.40	95	711006	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
16) Acetone	3.83	43	28147	6.12	ug/l	98
18) Methyl Acetate	4.34	43	59489	4.40	ug/l	99
20) Methylene Chloride	4.55	84	32215m	1.34	ug/l	
95) Naphthalene	15.14	128	15527	4.59	ug/l	97

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

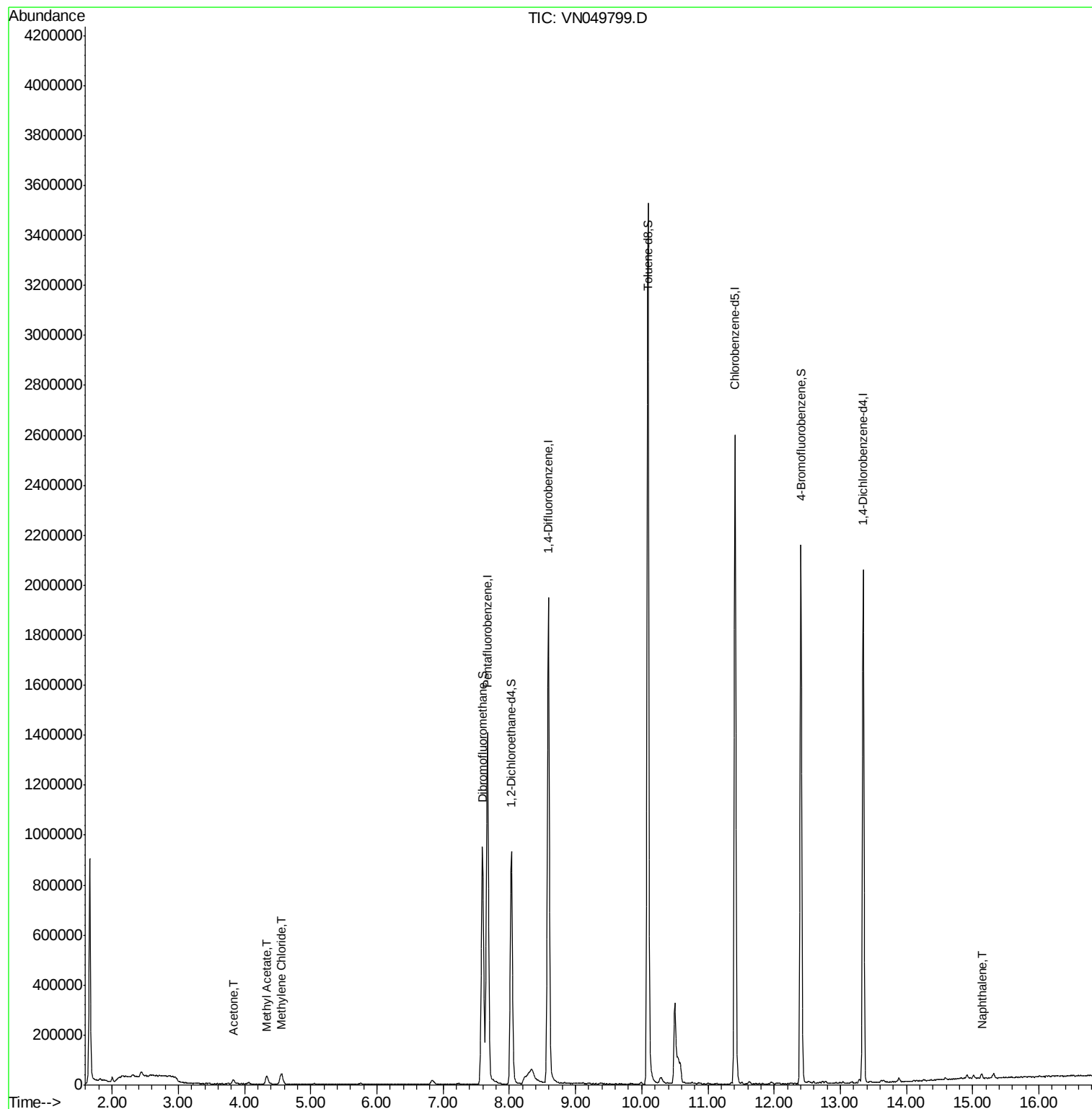
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
Data File : VN049799.D
Acq On : 13 Jul 2018 16:09
Operator : MD\SY
Sample : PB111069ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

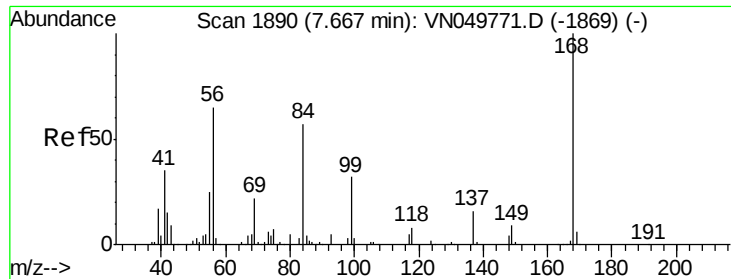
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#02

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Quant Time: Jul 14 00:11:49 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049799.D

Acq: 13 Jul 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#02

Tot Ion:168 Resp: 1207518

Ion Ratio Lower Upper

168 100

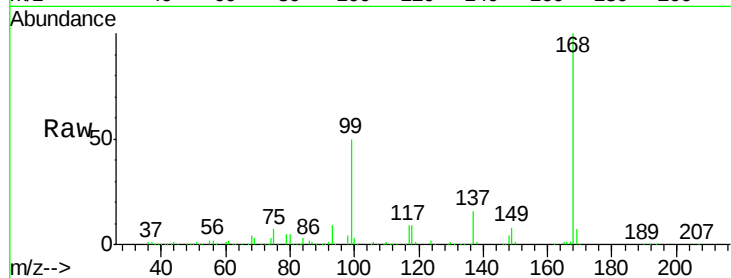
99 50.2 40.6 61.0

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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

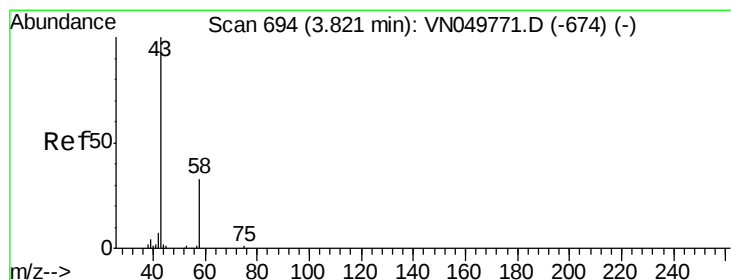
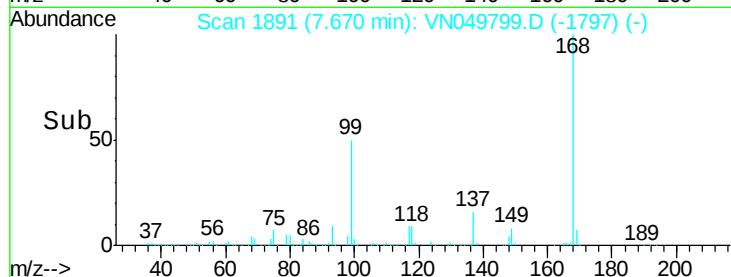
200000

100000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.12 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049799.D

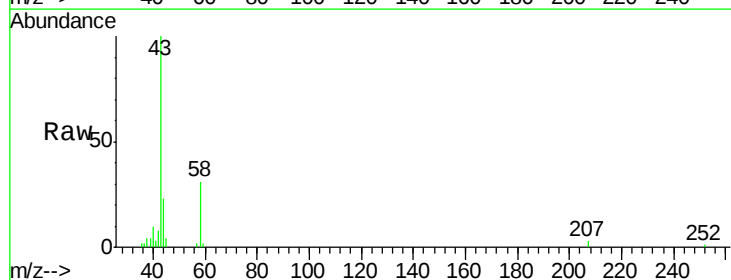
Acq: 13 Jul 2018 16:09

Tgt Ion: 43 Resp: 28147

Ion Ratio Lower Upper

43 100

58 31.2 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

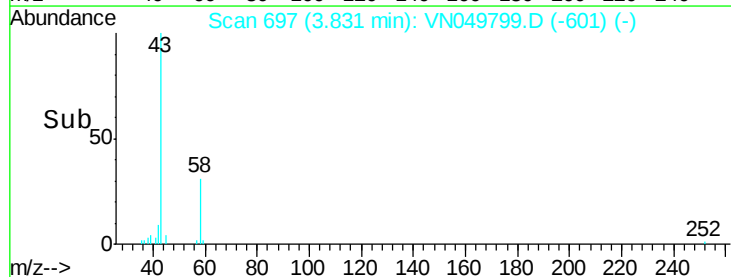
4000

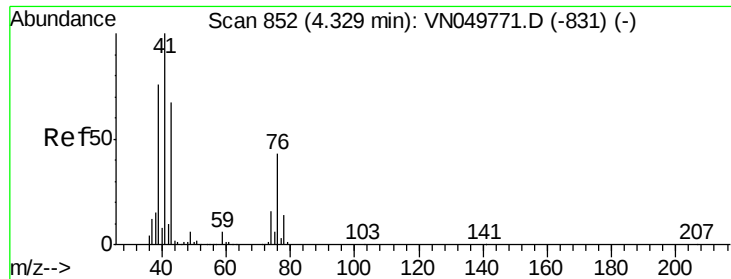
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->





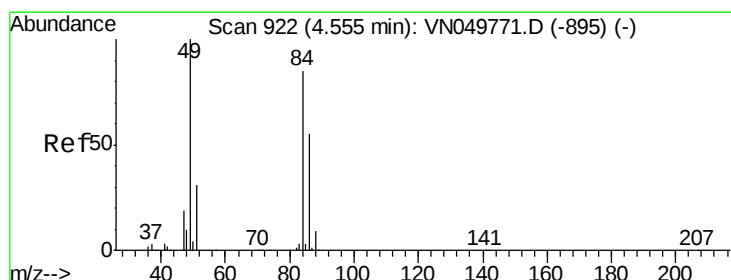
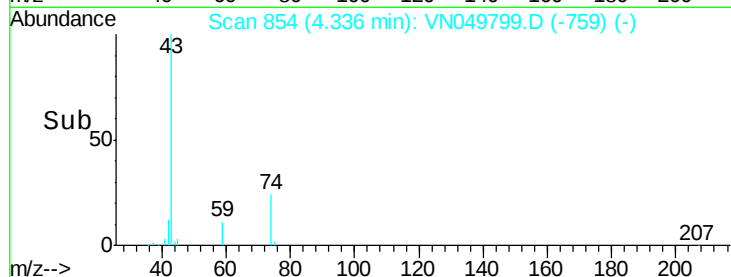
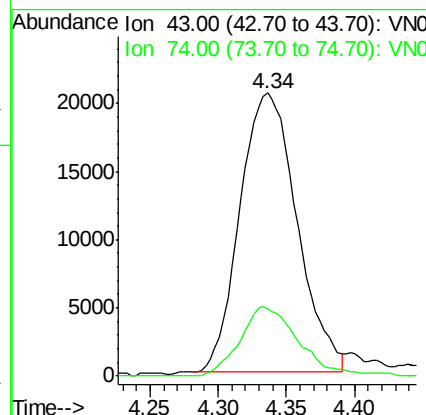
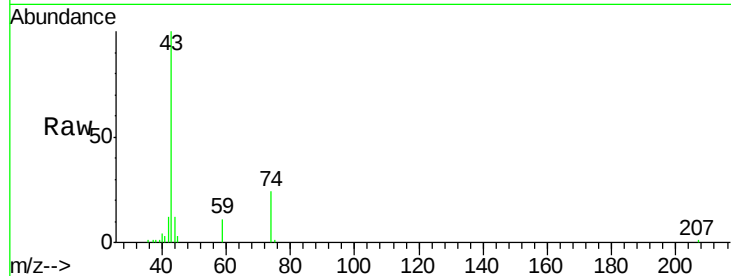
#18
Methyl Acetate
Concen: 4.40 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#02

Tot Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.8	29.8

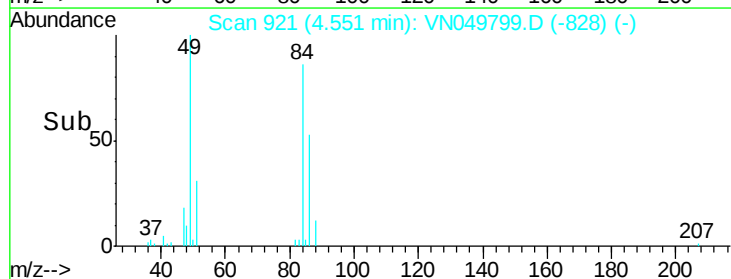
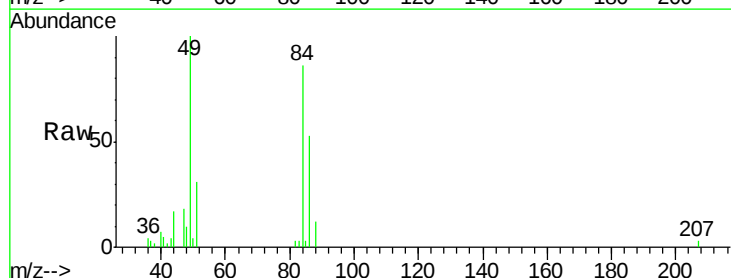
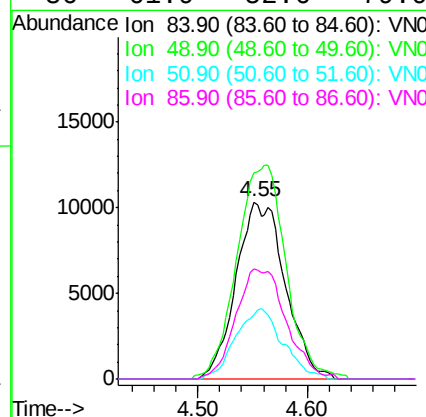
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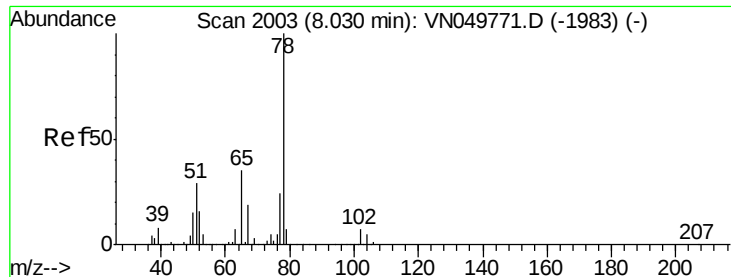
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#20
Methylene Chloride
Concen: 1.34 ug/l m
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	95.4	143.2
51	36.1	28.4	42.6
86	61.9	52.6	79.0





#33

1,2-Dichloroethane-d4

Concen: 56.79 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049799.D

Acq: 13 Jul 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#02

Tot Ion: 65 Resp: 797714

Ion Ratio Lower Upper

65 100

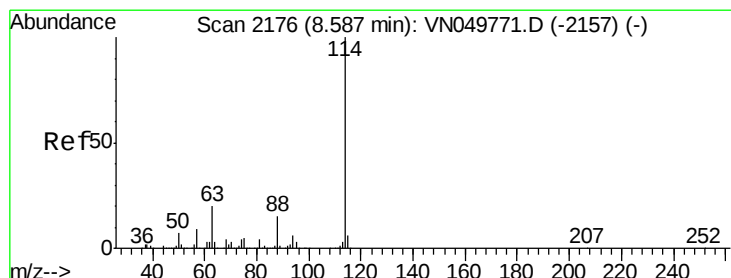
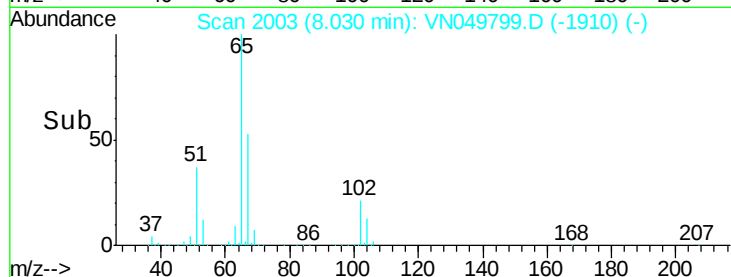
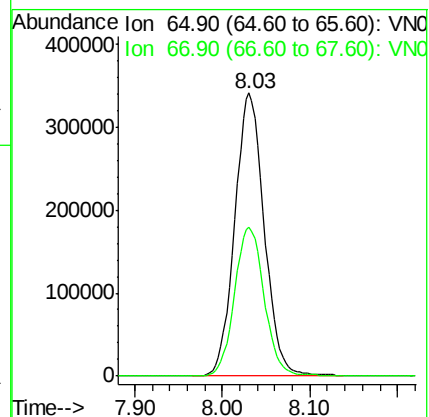
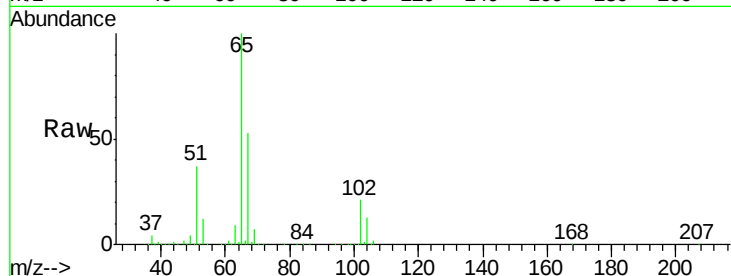
67 53.2 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049799.D

Acq: 13 Jul 2018 16:09

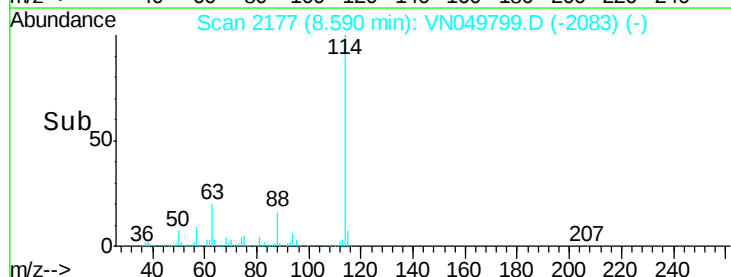
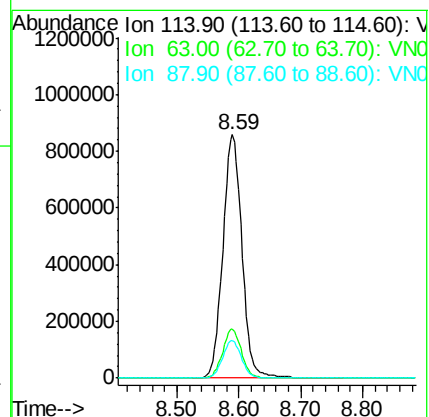
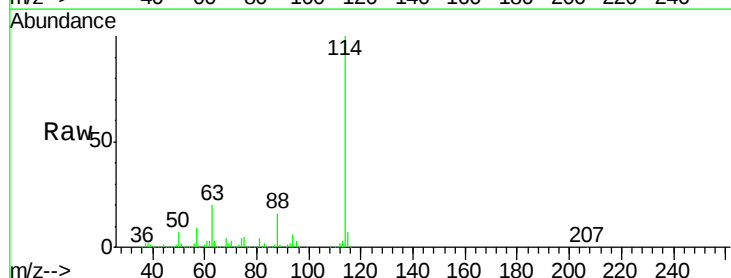
Tgt Ion: 114 Resp: 1842793

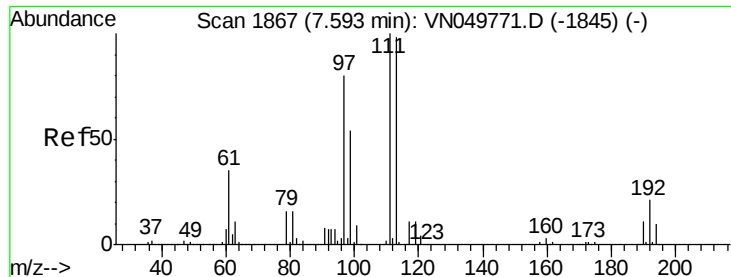
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 15.6 0.0 30.6





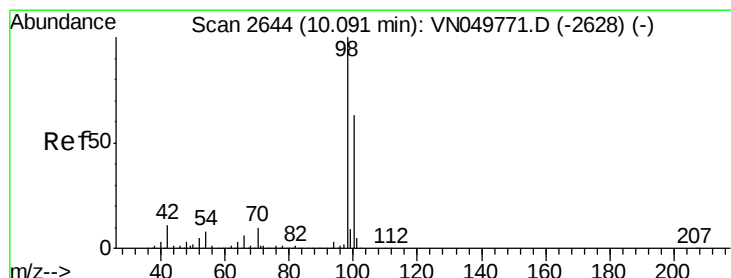
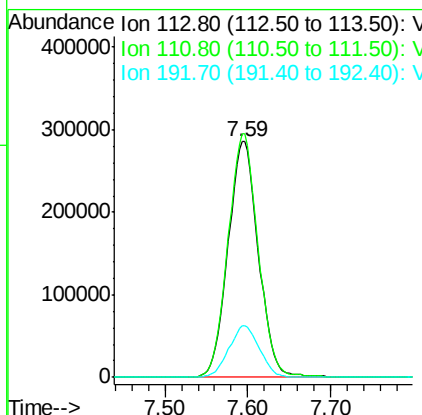
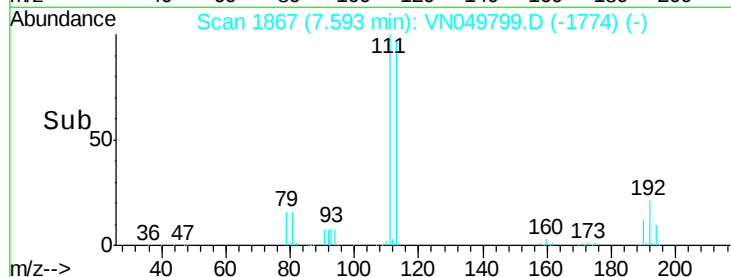
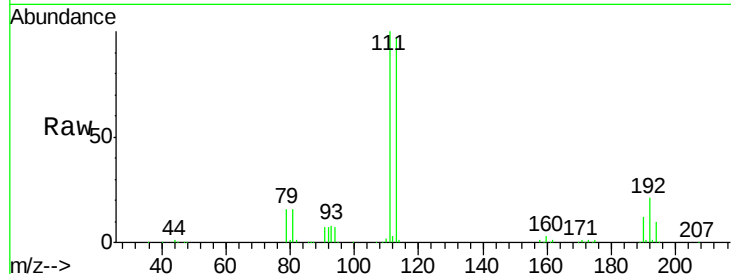
#35
Dibromofluoromethane
Concen: 52.34 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	22.2	17.8	26.6

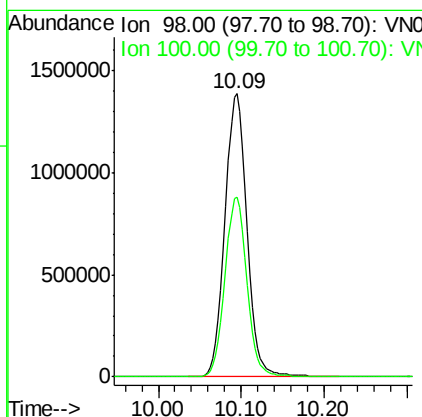
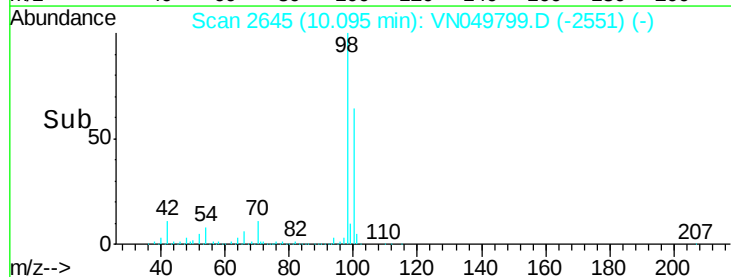
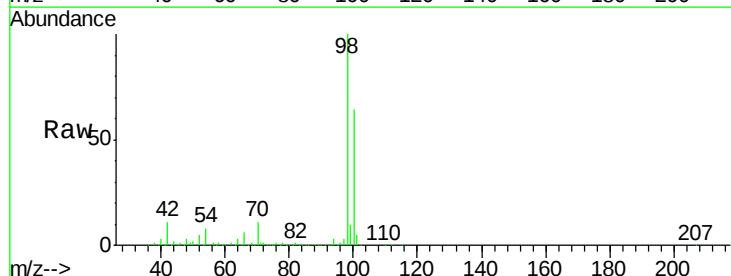
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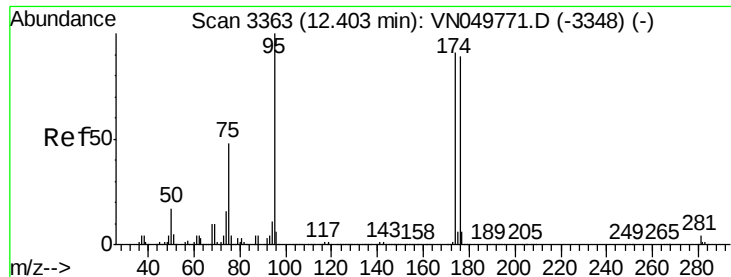
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#50
Toluene-d8
Concen: 53.93 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





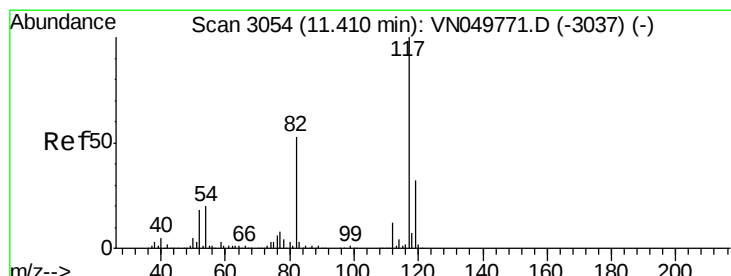
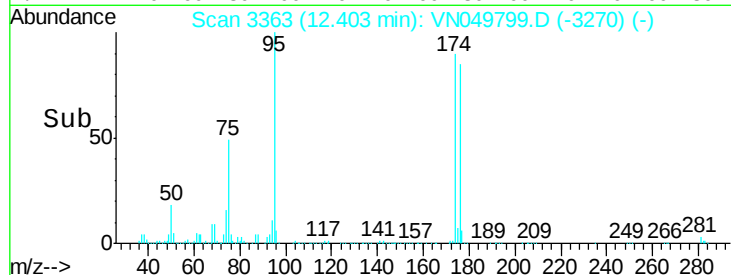
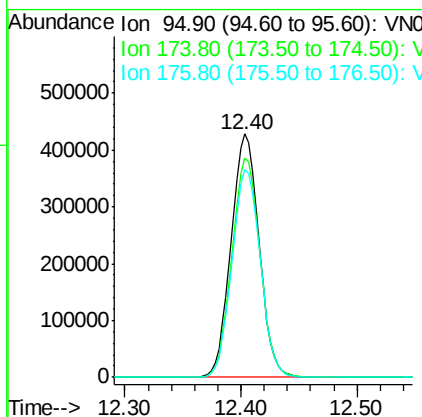
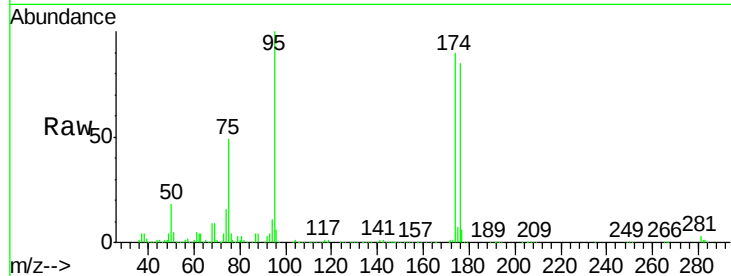
#62
4-Bromofluorobenzene
Concen: 41.87 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#02

Tot Ion	Ratio	Resp	Lower	Upper
95	100	711006		
174	91.0	0.0	179.6	
176	86.2	0.0	174.0	

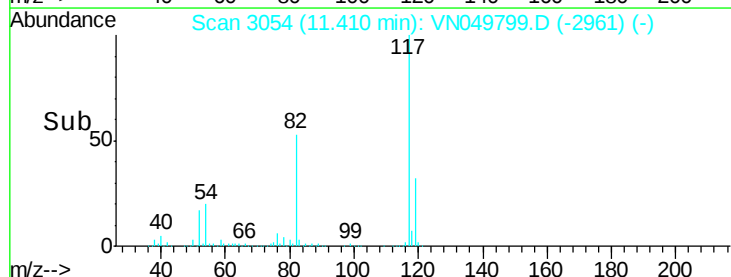
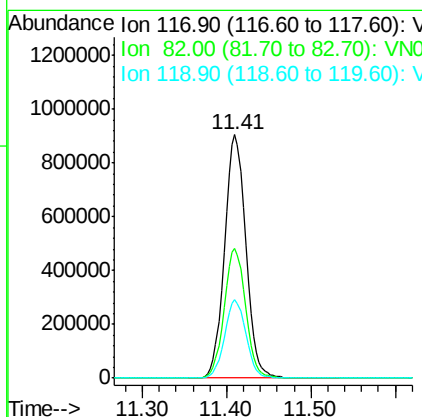
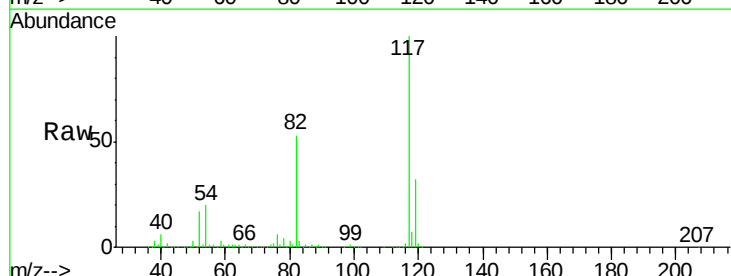
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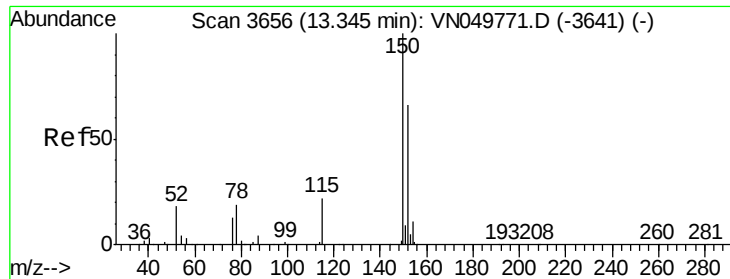
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049799.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1586690		
82	53.2	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: VN049799.D

Acq: 13 Jul 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#02

Tot Ion:152 Resp: 574320

Ion Ratio Lower Upper

152 100

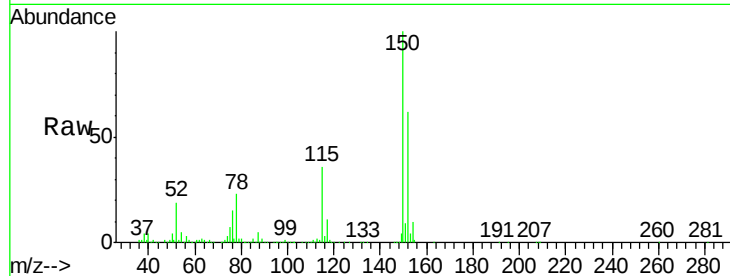
115 57.1 28.1 84.2

150 157.6 0.0 347.6

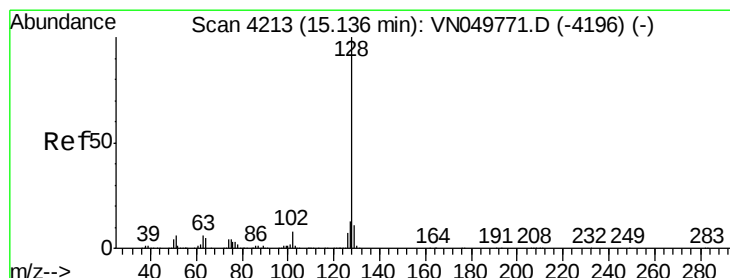
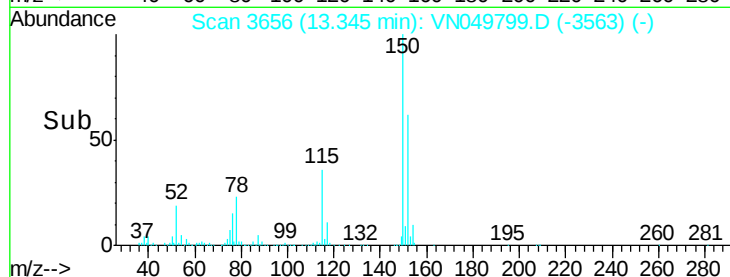
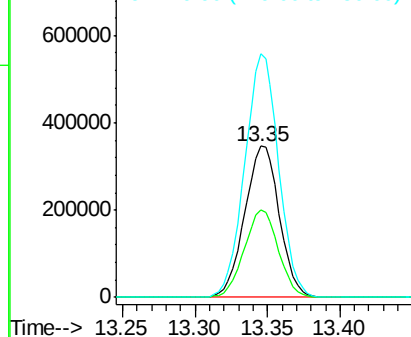
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.59 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049799.D

Acq: 13 Jul 2018 16:09

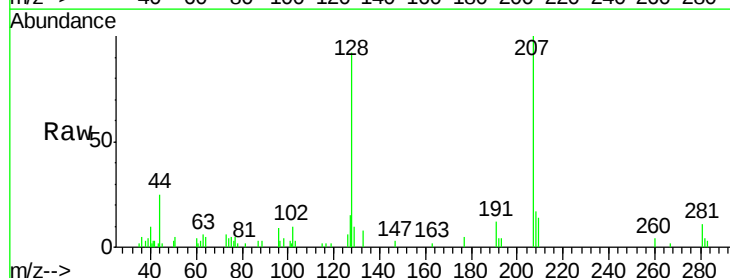
Tgt Ion:128 Resp: 15527

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

