

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051415.D
 Acq On : 23 Sep 2018 16:01
 Operator : MD\SY
 Sample : J4777-32
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-04-092018-D

Quant Time: Sep 24 07:37:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

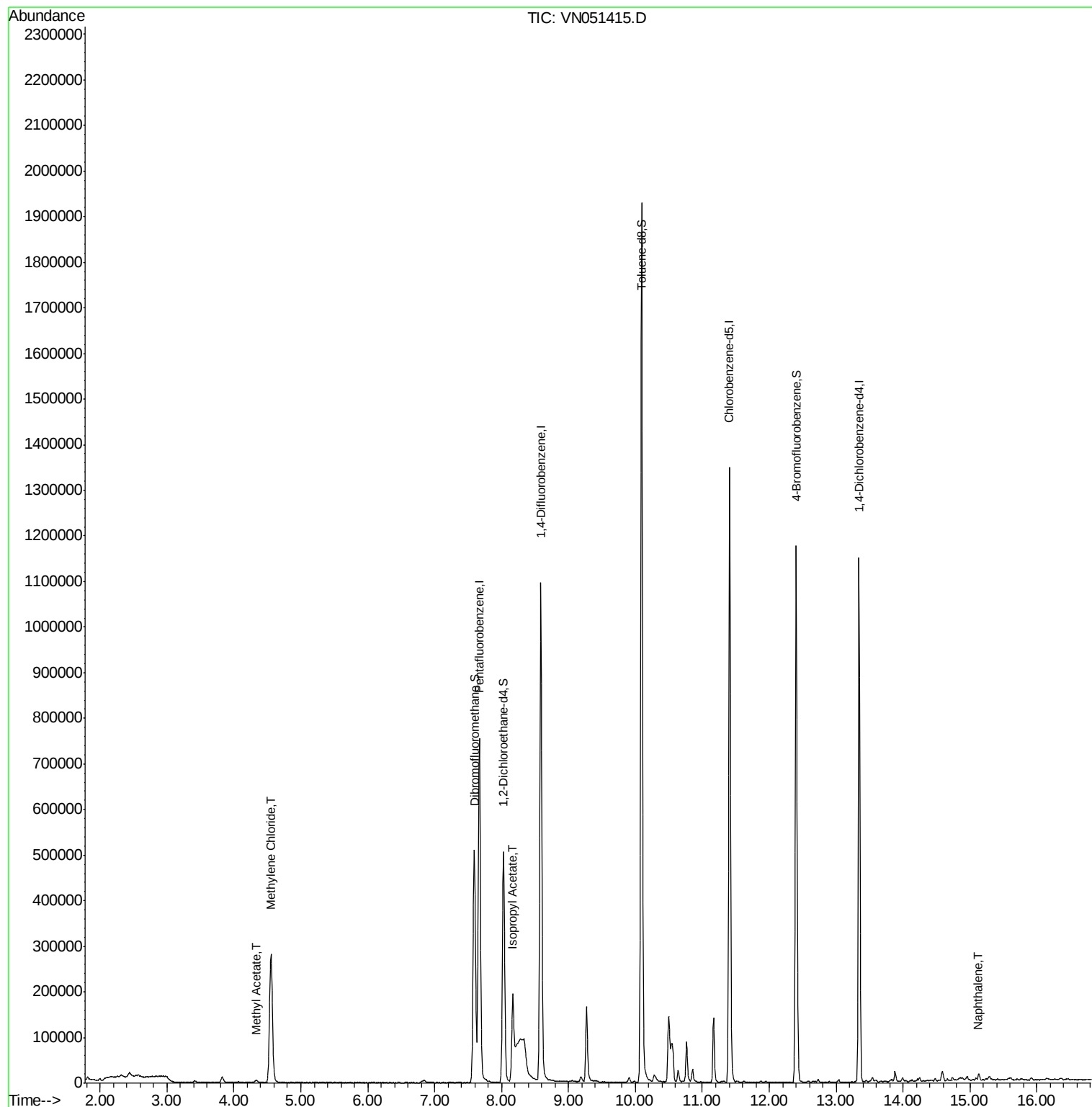
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	643574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1005497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	845163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	325228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	439682	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
35) Dibromofluoromethane	7.59	113	386998	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1386796	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	391116	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
18) Methyl Acetate	4.34	43	10784	1.756	ug/l #	82
20) Methylene Chloride	4.55	84	212513	26.639	ug/l	98
43) Isopropyl Acetate	8.17	43	246084	20.328	ug/l	93
95) Naphthalene	15.13	128	11084	8.813	ug/l #	92

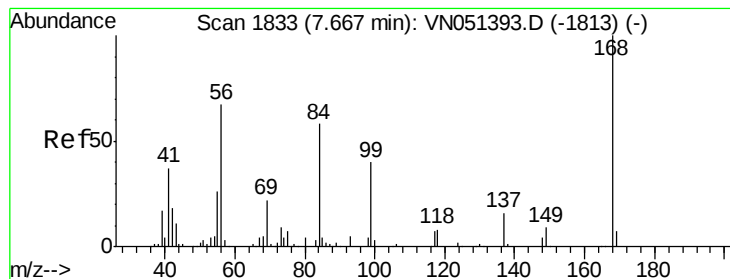
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051415.D

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ClientSampleId :

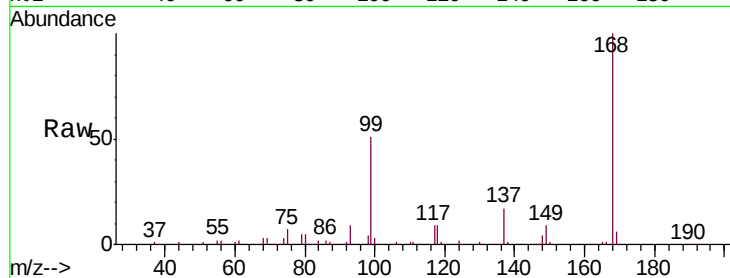
PL-04-092018-D

Tgt Ion:168 Resp: 643574

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

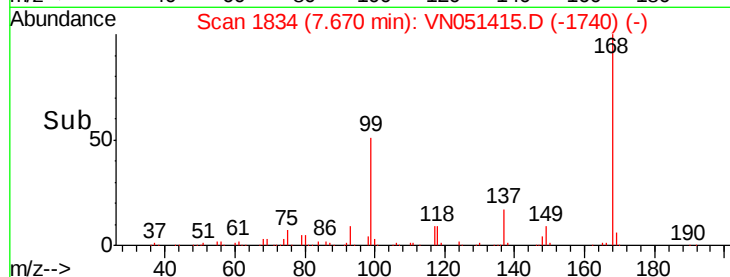
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.756 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051415.D

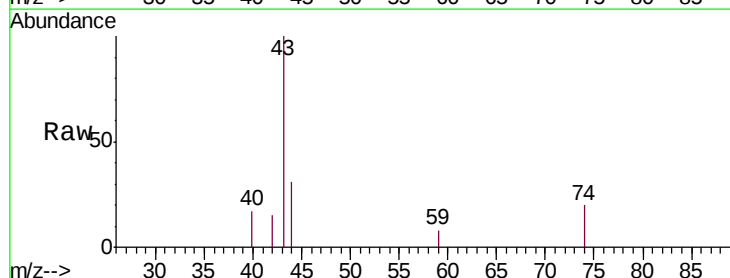
Acq: 23 Sep 2018 16:01

Tgt Ion: 43 Resp: 10784

Ion Ratio Lower Upper

43 100

74 14.8 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.34

4000

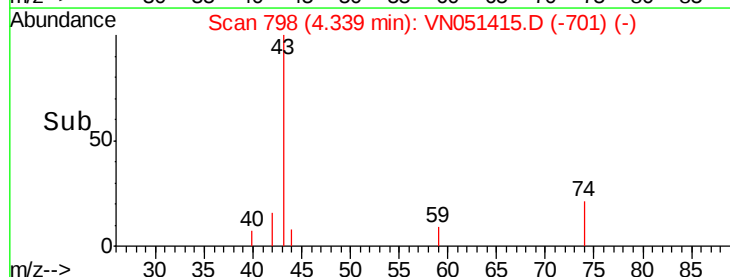
3000

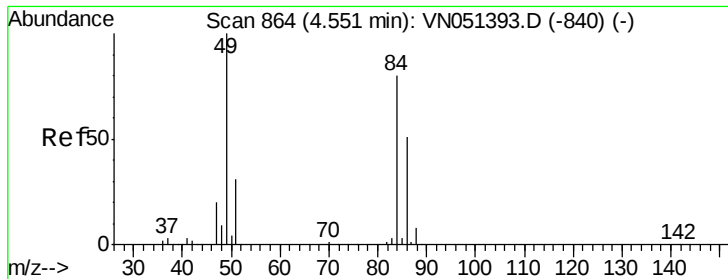
2000

1000

0

Time-->

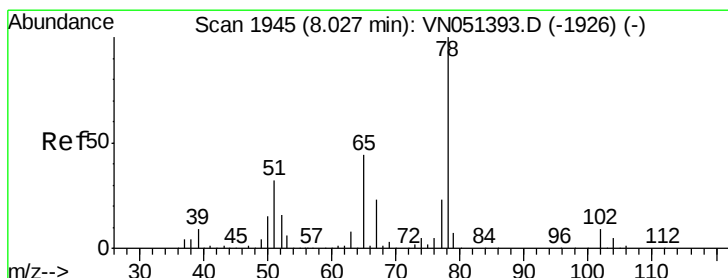
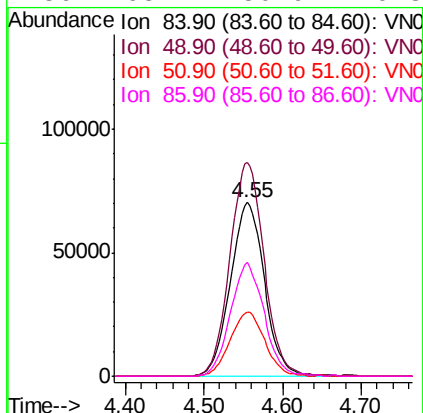
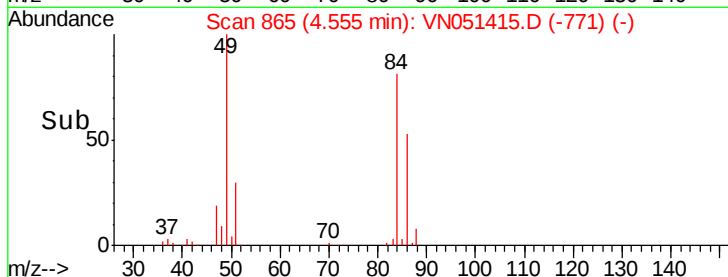
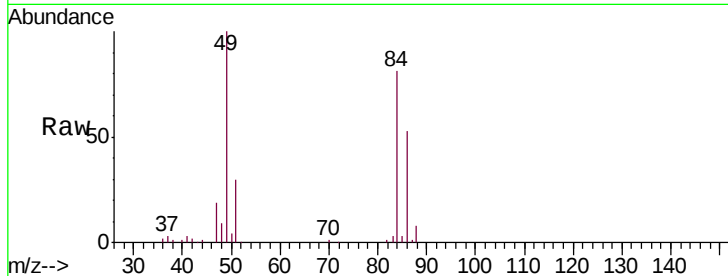




#20
Methylene Chloride
Concen: 26.639 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051415.D
Acq: 23 Sep 2018 16:01

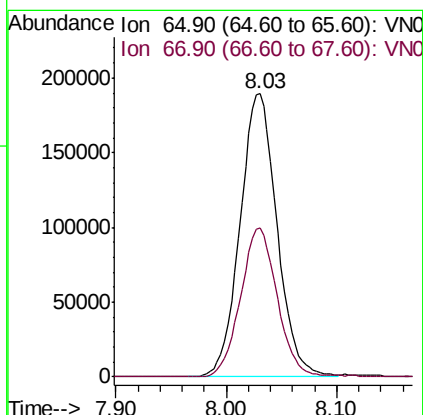
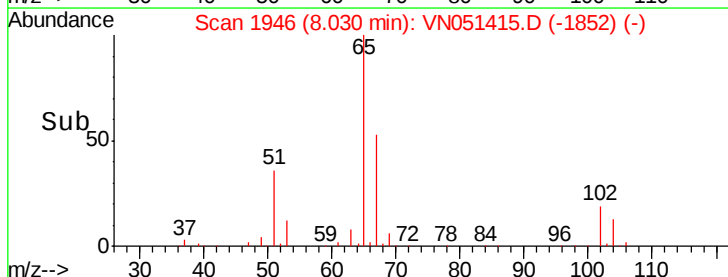
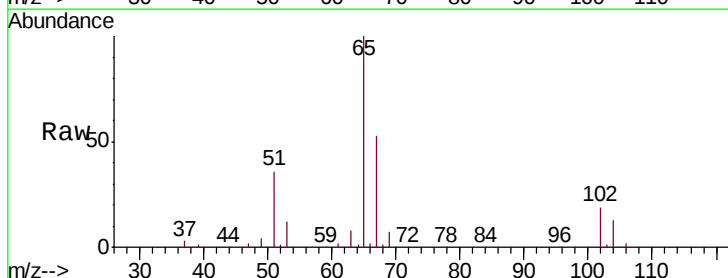
Instrument :
MSVOA_N
ClientSampleId :
PL-04-092018-D

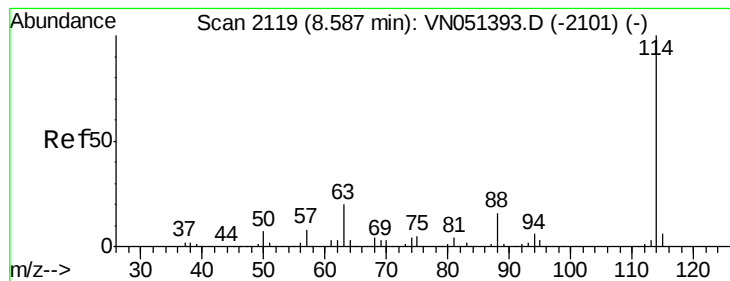
Tgt Ion: 84 Resp: 212513
Ion Ratio Lower Upper
84 100
49 122.8 99.9 149.9
51 36.8 31.4 47.2
86 65.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.538 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051415.D
Acq: 23 Sep 2018 16:01

Tgt Ion: 65 Resp: 439682
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051415.D

Acq: 23 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-D

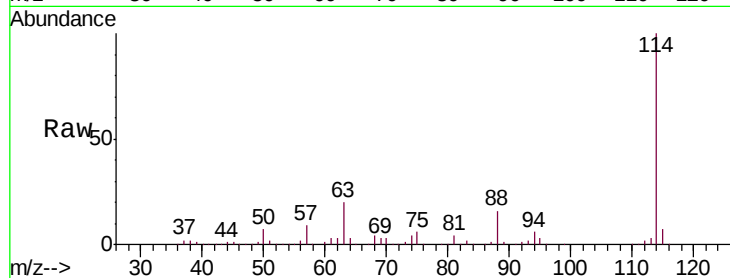
Tgt Ion:114 Resp: 1005497

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

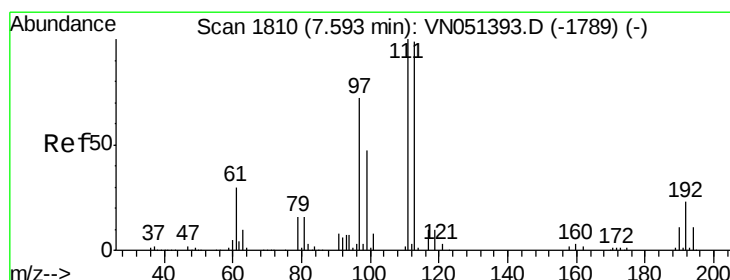
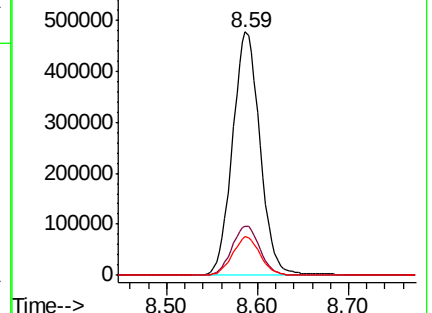
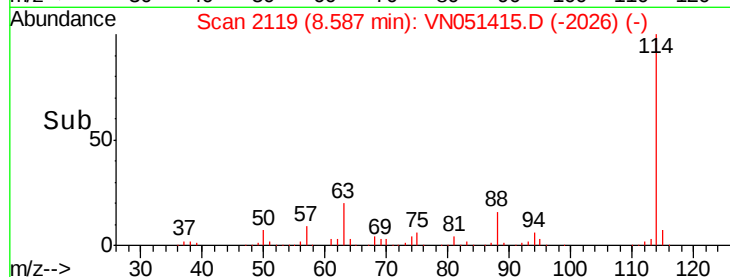
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.131 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051415.D

Acq: 23 Sep 2018 16:01

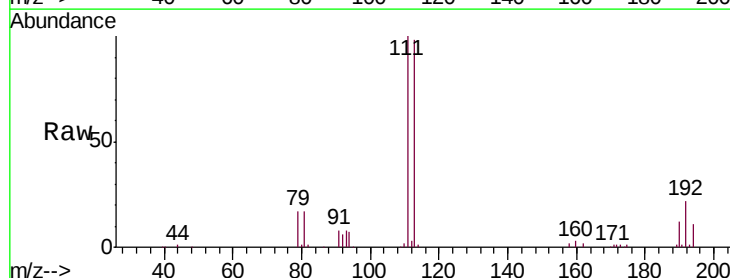
Tgt Ion:113 Resp: 386998

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

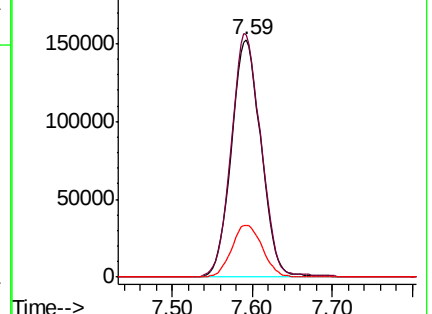
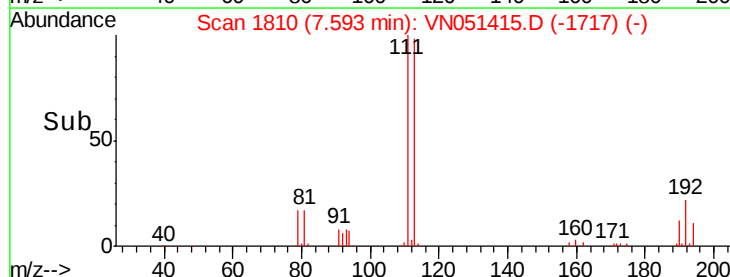
192 22.6 18.0 27.0

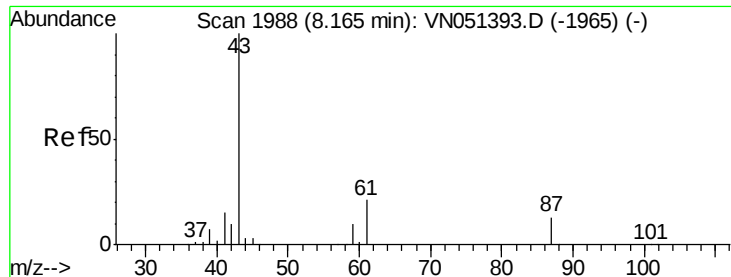


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 20.328 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051415.D

Acq: 23 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-D

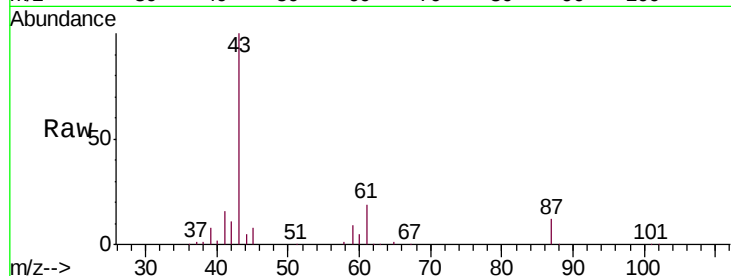
Tgt Ion: 43 Resp: 246084

Ion Ratio Lower Upper

43 100

61 17.7 16.8 25.2

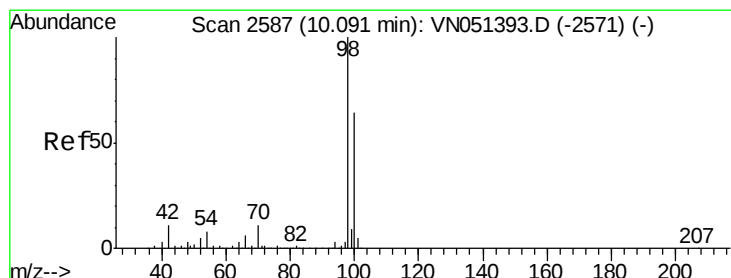
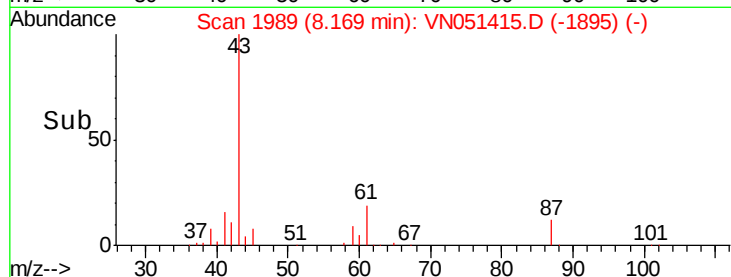
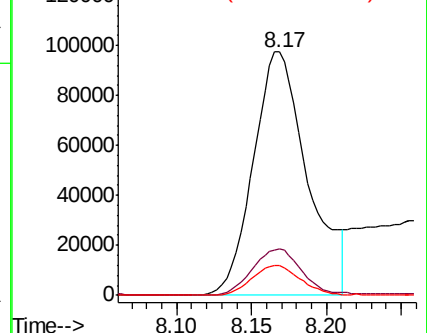
87 10.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#50

Toluene-d8

Concen: 45.803 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051415.D

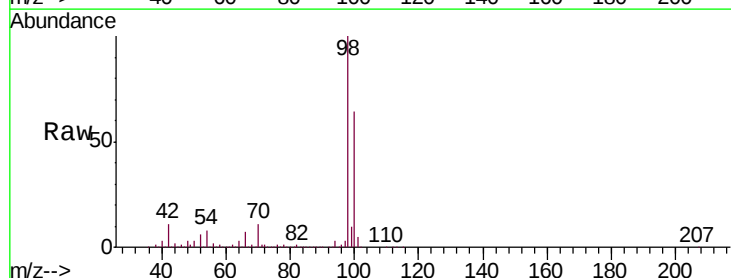
Acq: 23 Sep 2018 16:01

Tgt Ion: 98 Resp: 1386796

Ion Ratio Lower Upper

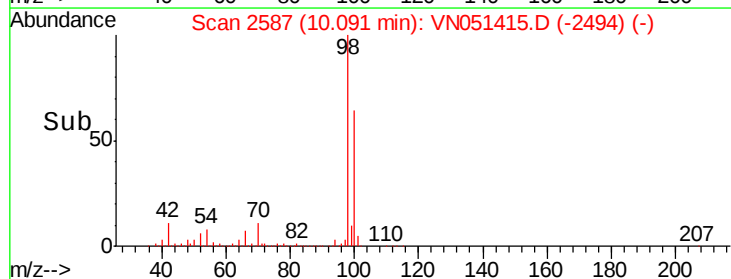
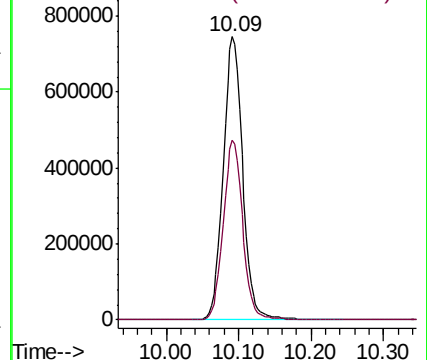
98 100

100 63.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

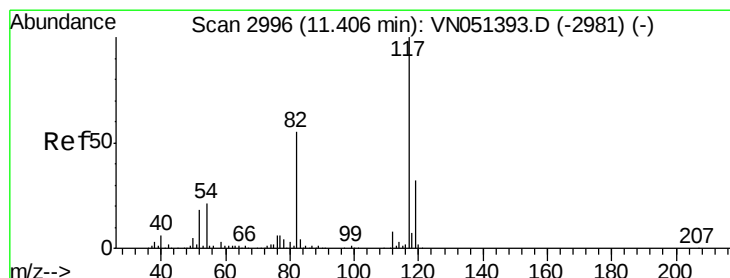
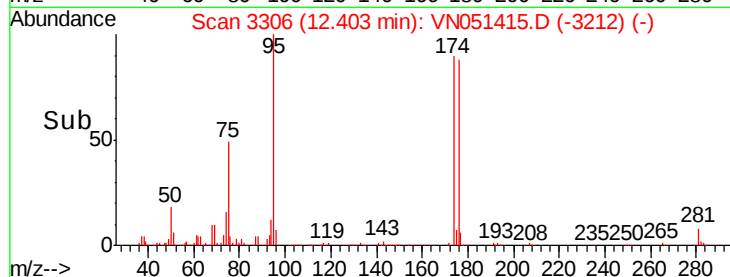
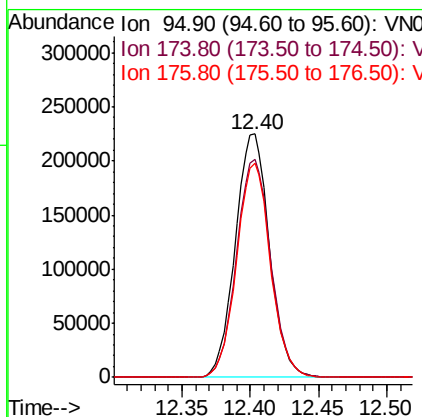
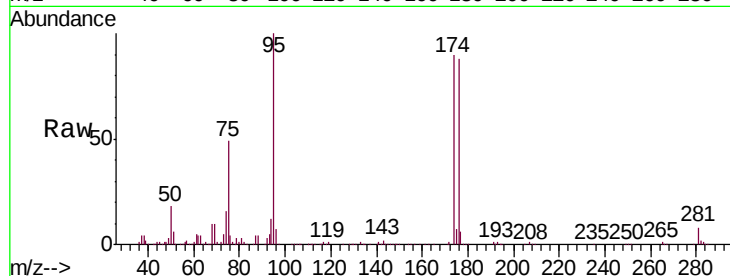




#62
4-Bromofluorobenzene
Concen: 39.931 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051415.D
Acq: 23 Sep 2018 16:01

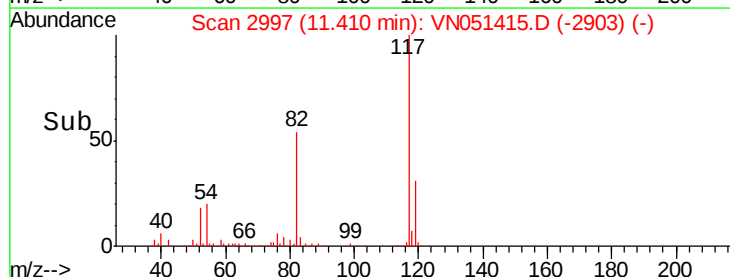
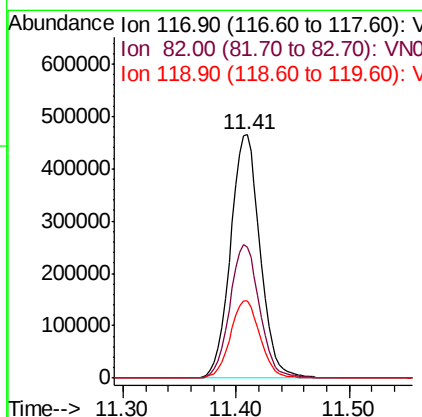
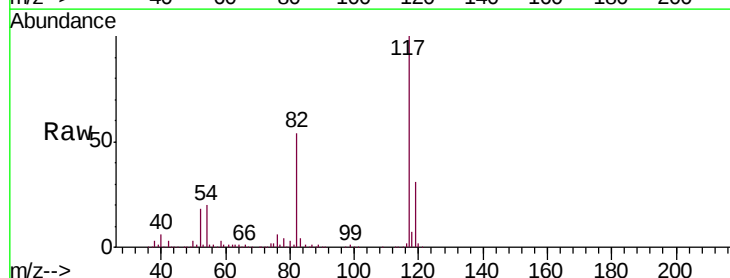
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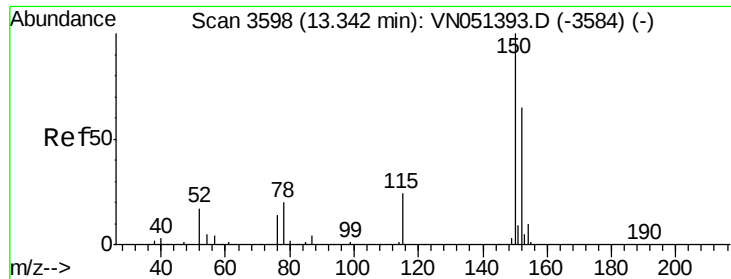
Tgt Ion: 95 Resp: 391116
Ion Ratio Lower Upper
95 100
174 90.2 0.0 181.6
176 87.0 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051415.D
Acq: 23 Sep 2018 16:01

Tgt Ion: 117 Resp: 845163
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051415.D

Acq: 23 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-D

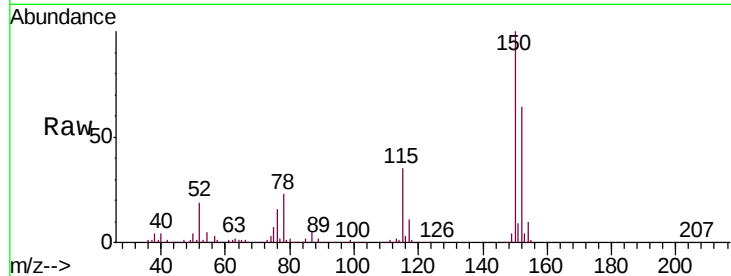
Tgt Ion:152 Resp: 325228

Ion Ratio Lower Upper

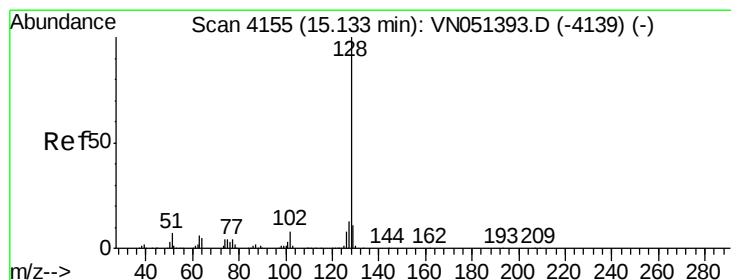
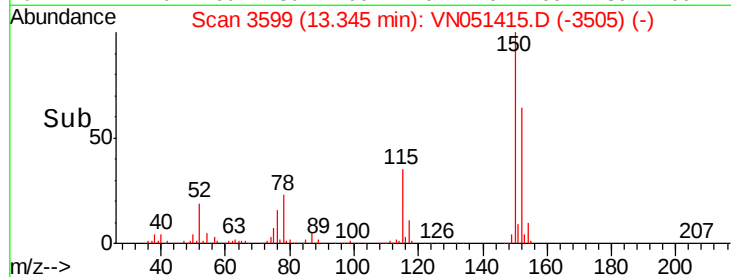
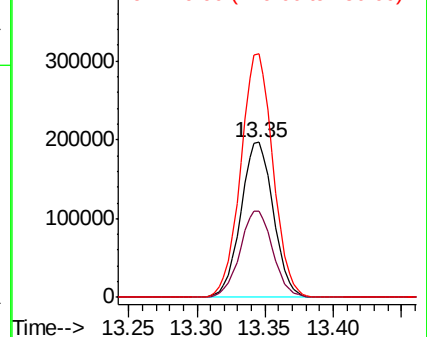
152 100

115 55.9 28.3 84.9

150 155.7 0.0 353.6



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



#95

Naphthalene

Concen: 8.813 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051415.D

Acq: 23 Sep 2018 16:01

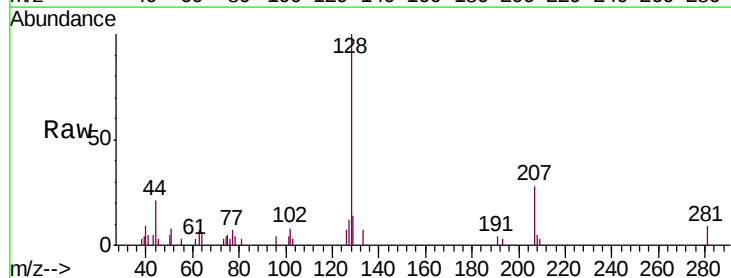
Tgt Ion:128 Resp: 11084

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 16.3 8.6 12.8#



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

