

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051387.D
 Acq On : 21 Sep 2018 22:44
 Operator : MD\SY
 Sample : PB113086ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

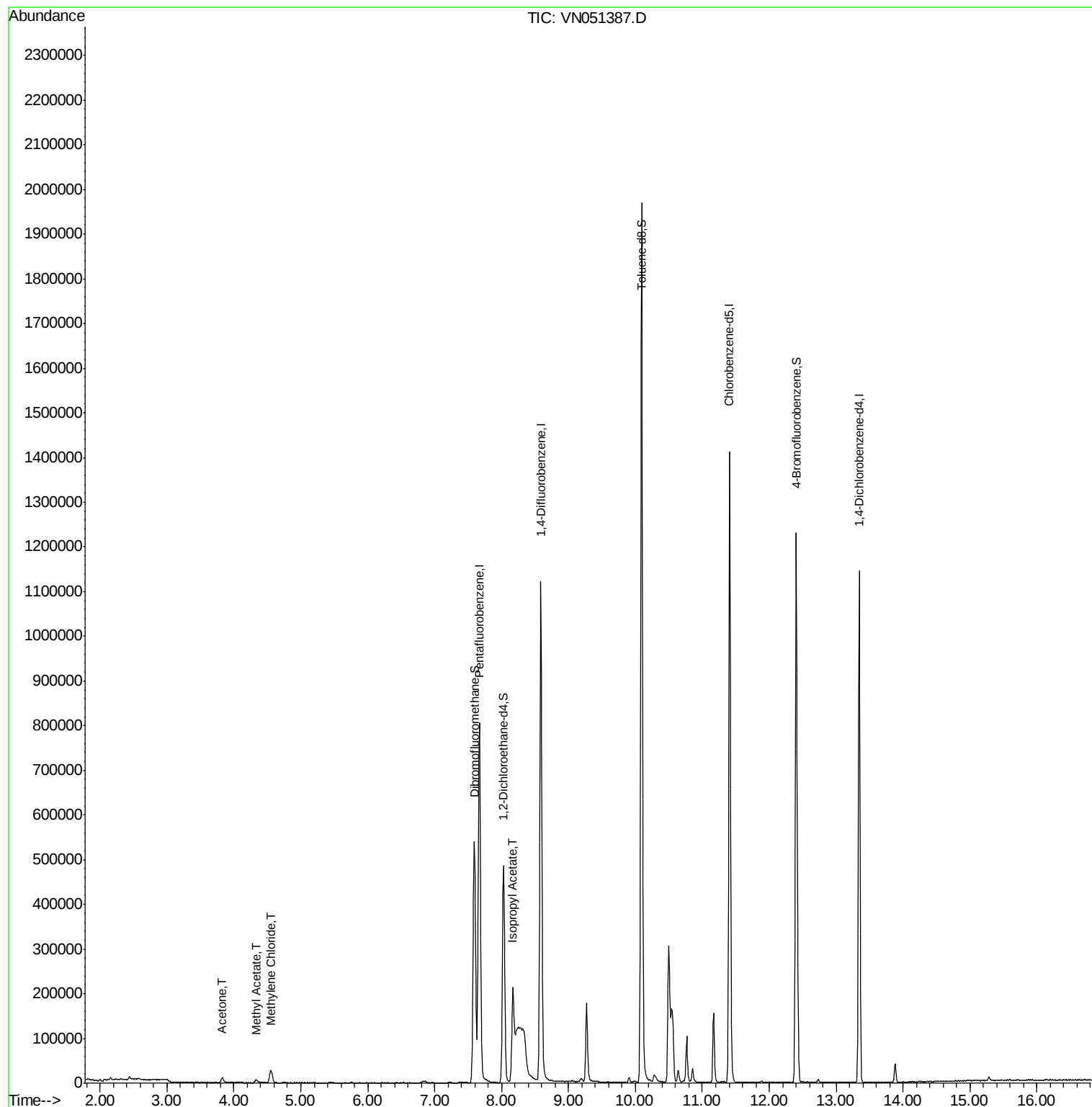
Quant Time: Sep 22 00:28:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

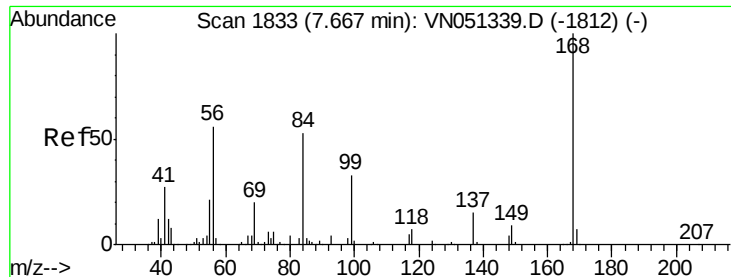
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	741775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1108493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	922100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	345751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420957	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	415609	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	1475906	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
62) 4-Bromofluorobenzene	12.40	95	401784	35.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.72%	
Target Compounds						
16) Acetone	3.82	43	19692m	11.135	ug/l	Qvalue
18) Methyl Acetate	4.33	43	13477	1.805	ug/l #	72
20) Methylene Chloride	4.55	84	22144	2.680	ug/l	95
43) Isopropyl Acetate	8.17	43	257849	26.229	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051387.D

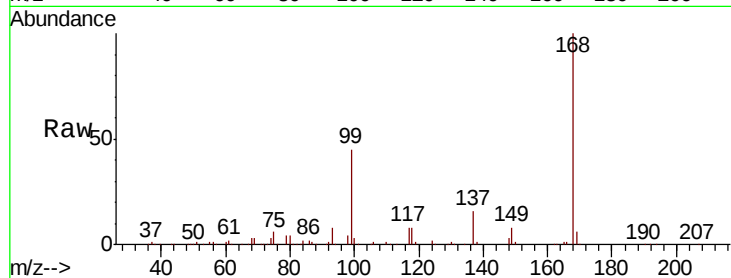
Acq: 21 Sep 2018 22:44

Tot Ion:168 Resp: 741775

Ion Ratio Lower Upper

168 100

99 45.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051339.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1812) (-)

7.67

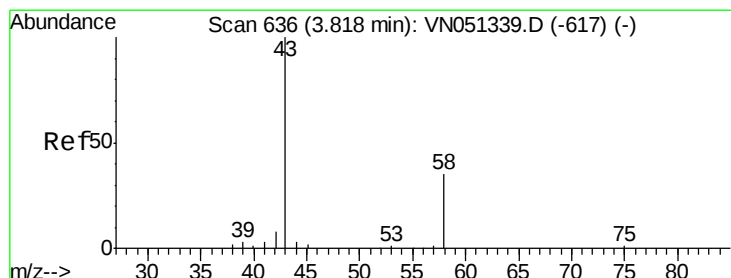
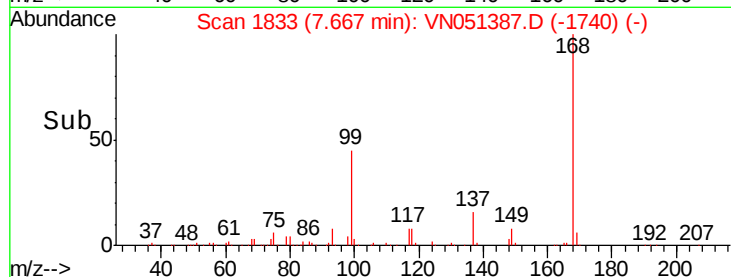
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.135 ug/l m

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051387.D

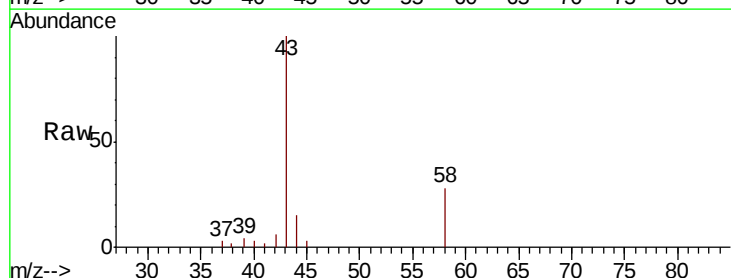
Acq: 21 Sep 2018 22:44

Tgt Ion: 43 Resp: 19692

Ion Ratio Lower Upper

43 100

58 27.9 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-617) (-)

3.82

8000

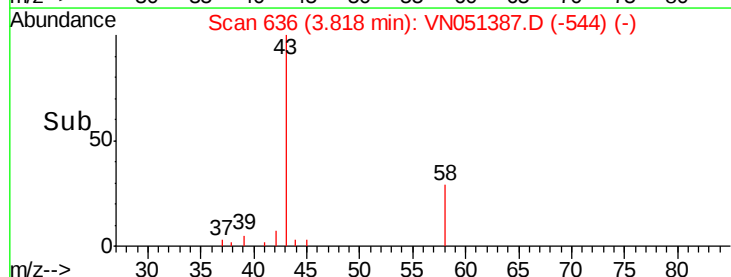
6000

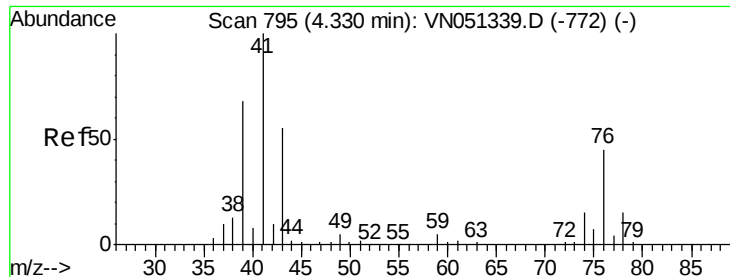
4000

2000

0

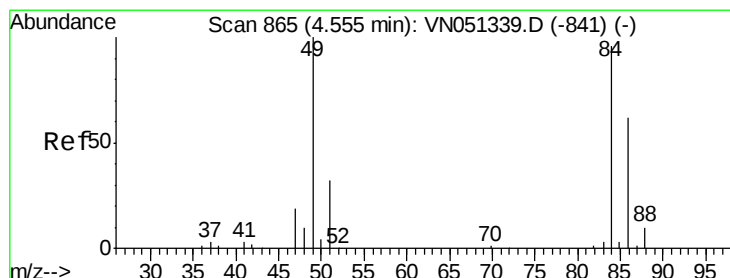
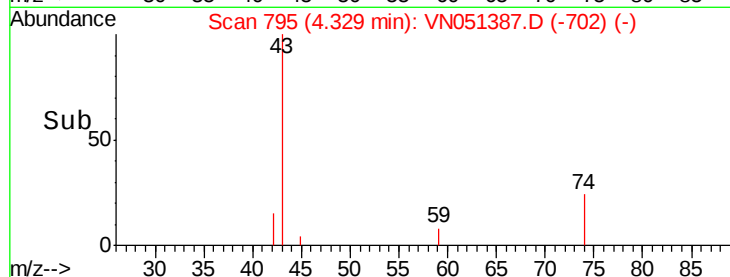
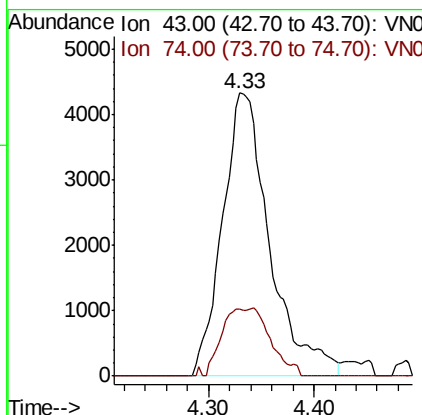
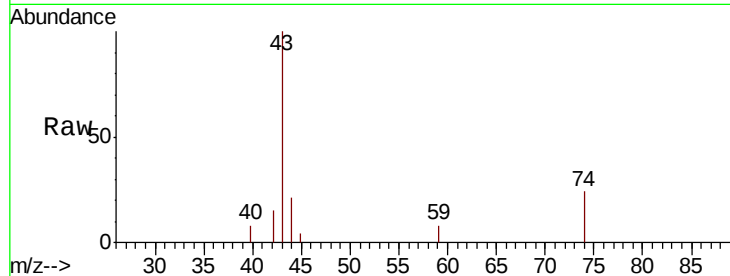
Time-->





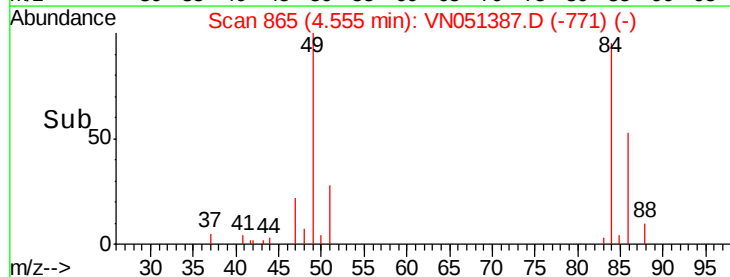
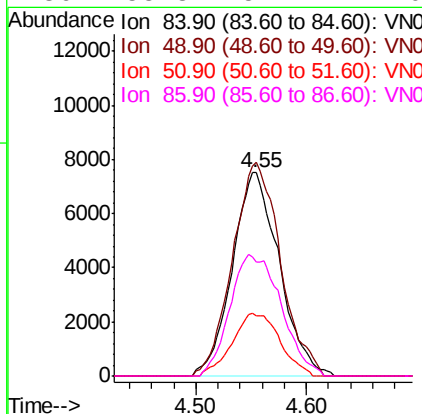
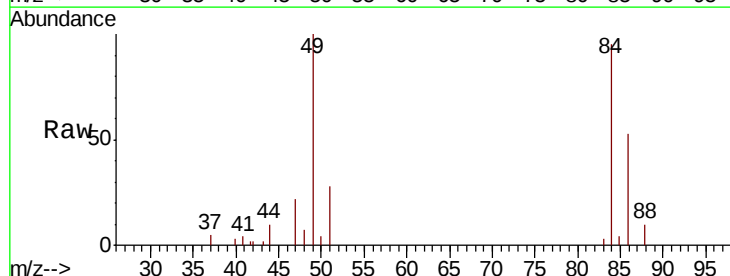
#18
Methvl Acetate
Concen: 1.805 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

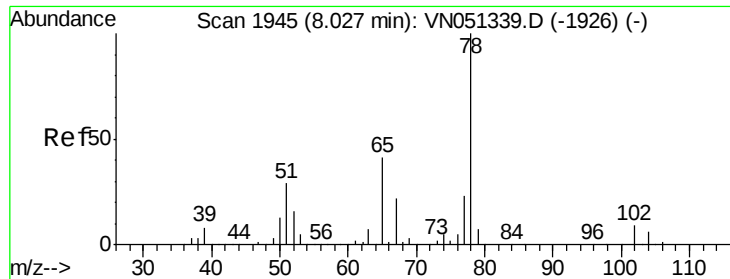
Tot Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
74 12.8 21.7 32.5#



#20
Methylene Chloride
Concen: 2.680 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

Tgt Ion: 84 Resp: 22144
Ion Ratio Lower Upper
84 100
49 105.0 83.2 124.8
51 29.5 26.4 39.6
86 55.8 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 52.359 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051387.D

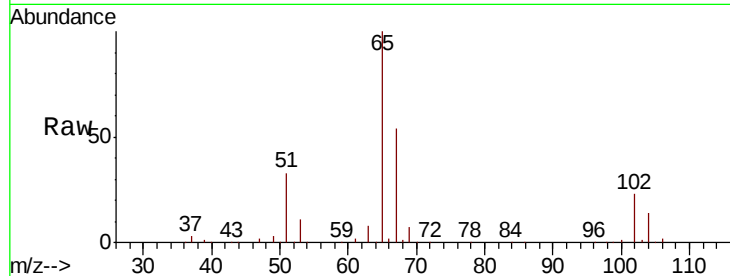
Acq: 21 Sep 2018 22:44

Tot Ion: 65 Resp: 420957

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN051339.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051339.D (-1926) (-)

8.03

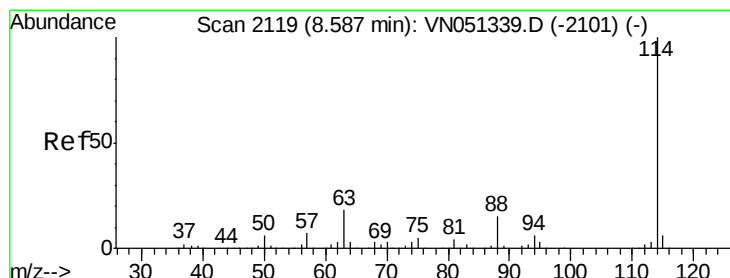
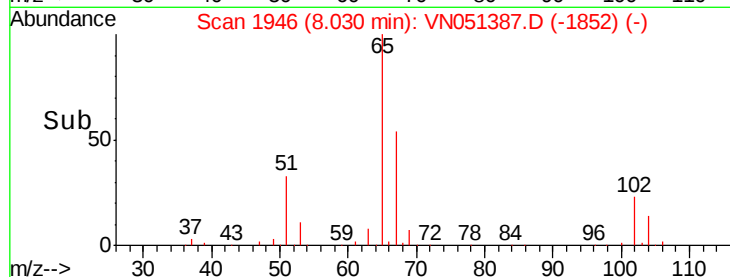
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051387.D

Acq: 21 Sep 2018 22:44

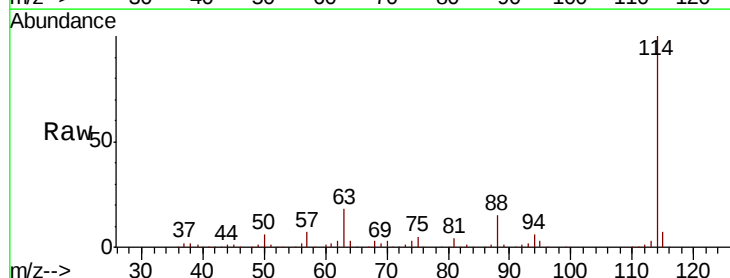
Tgt Ion: 114 Resp: 1108493

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 14.9 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): VN051339.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051339.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051339.D (-2101) (-)

8.59

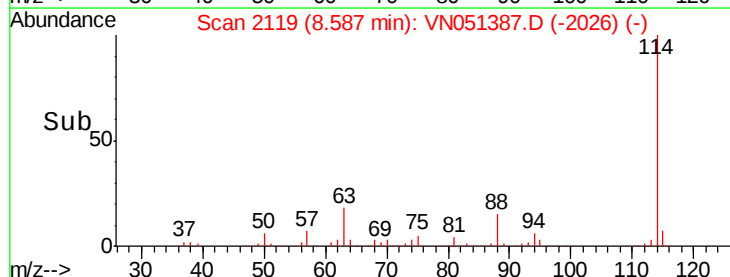
600000

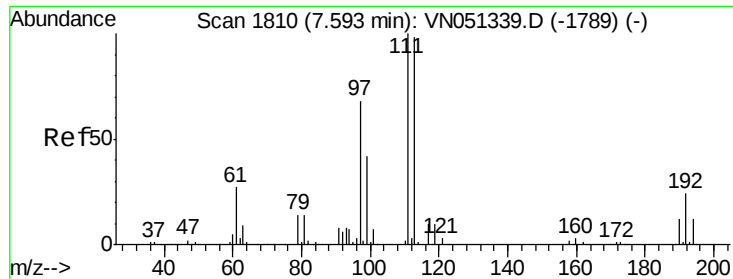
400000

200000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 46.395 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051387.D

Acq: 21 Sep 2018 22:44

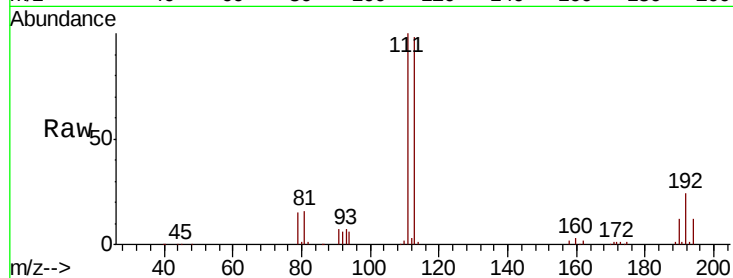
Tot Ion:113 Resp: 415609

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

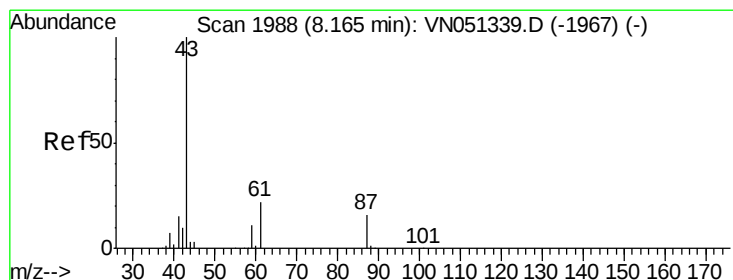
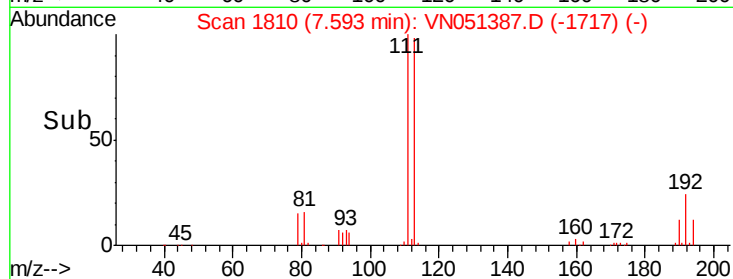
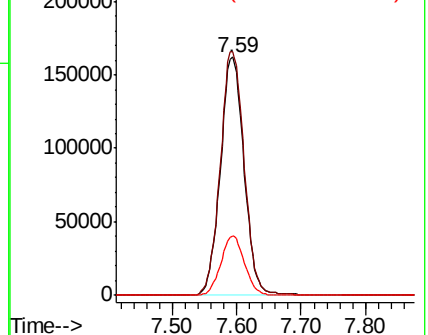
192 24.9 19.8 29.6



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



#43

Isopropyl Acetate

Concen: 26.229 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051387.D

Acq: 21 Sep 2018 22:44

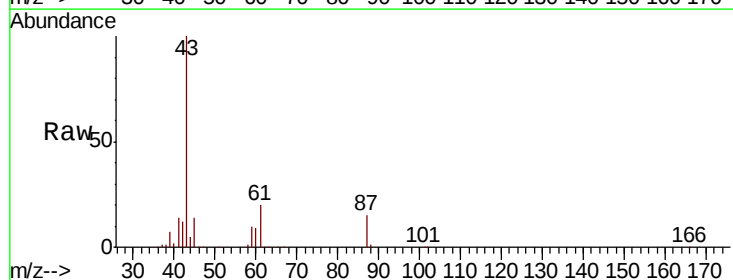
Tgt Ion: 43 Resp: 257849

Ion Ratio Lower Upper

43 100

61 18.8 18.1 27.1

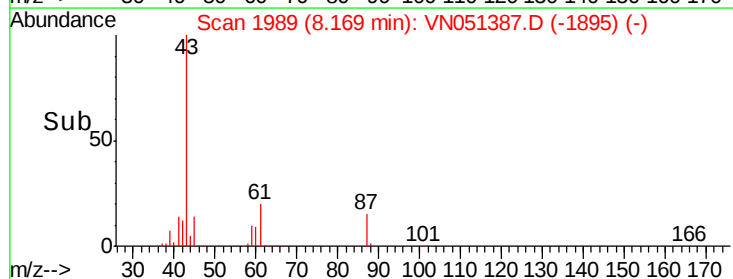
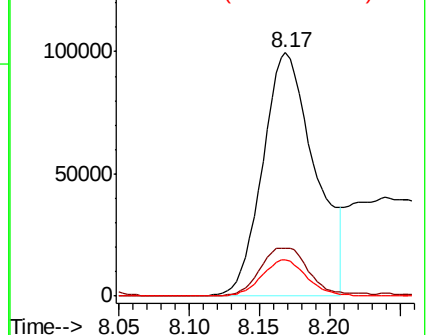
87 12.9 12.8 19.2

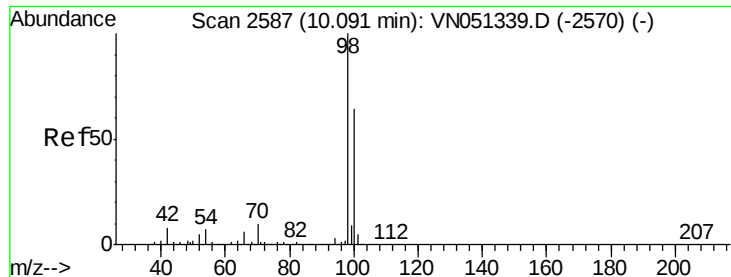


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

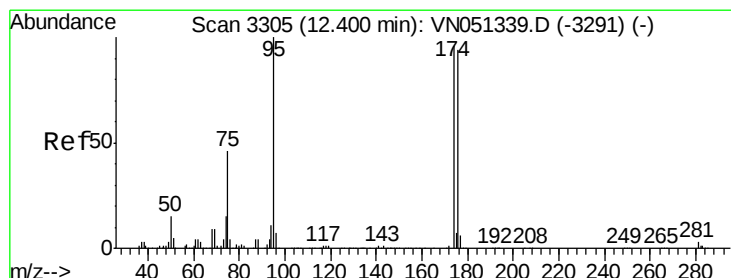
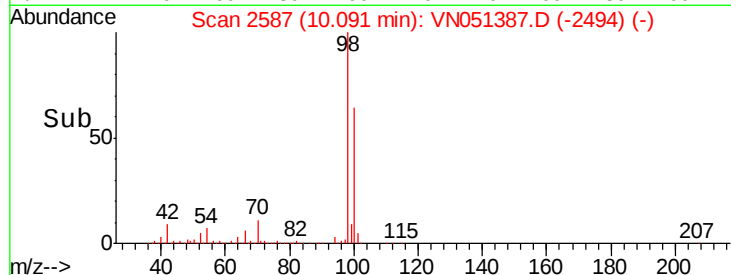
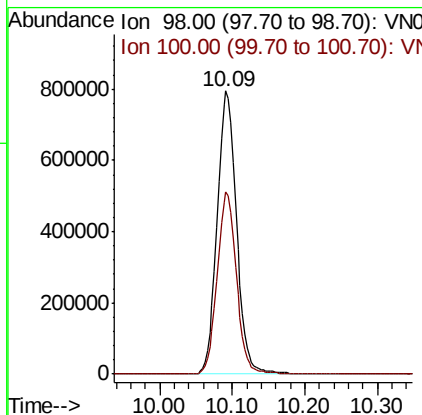
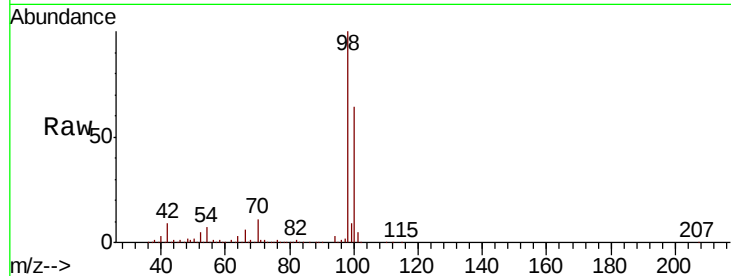
Ion 87.00 (86.70 to 87.70): VNO





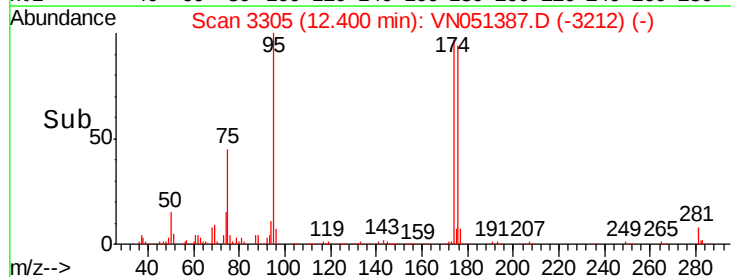
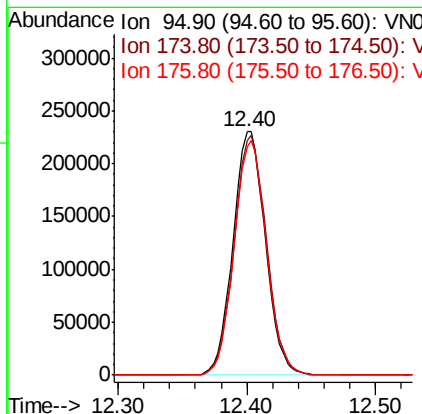
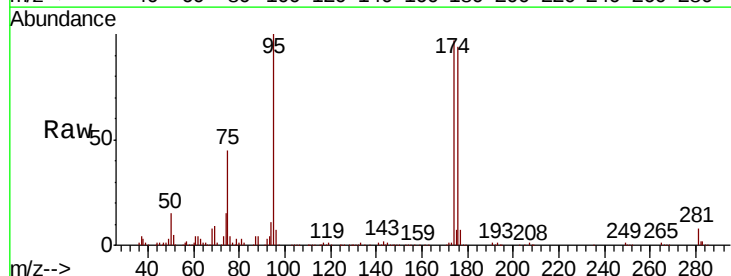
#50
Toluene-d8
Concen: 42.858 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

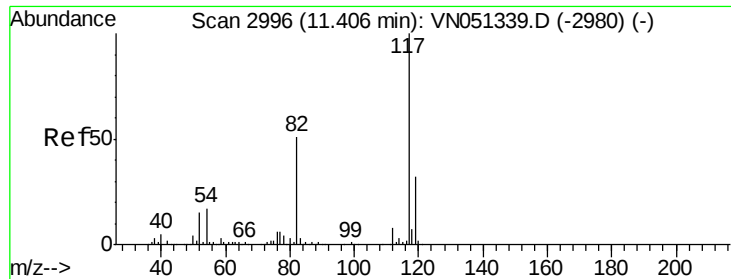
Tot Ion: 98 Resp: 1475906
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.862 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

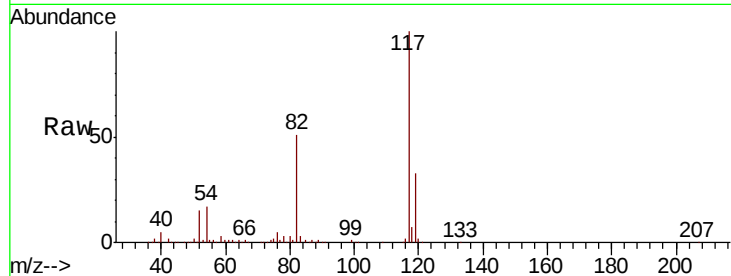
Tgt Ion: 95 Resp: 401784
Ion Ratio Lower Upper
95 100
174 98.5 0.0 194.6
176 95.7 0.0 189.6



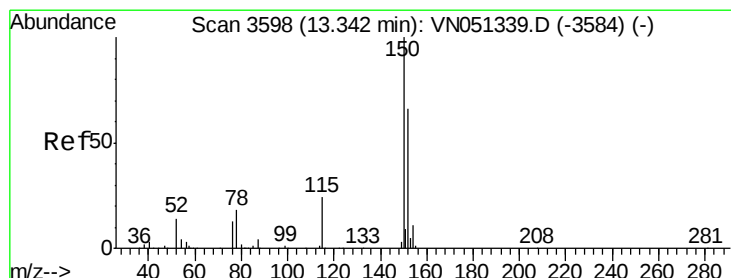
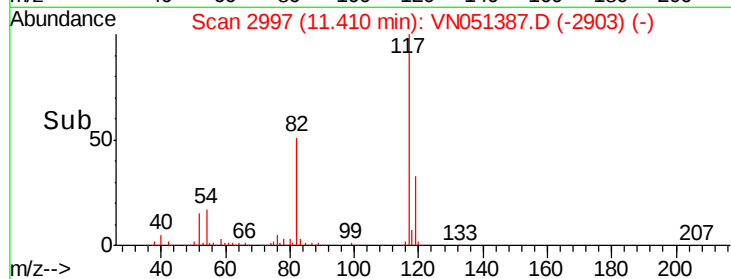
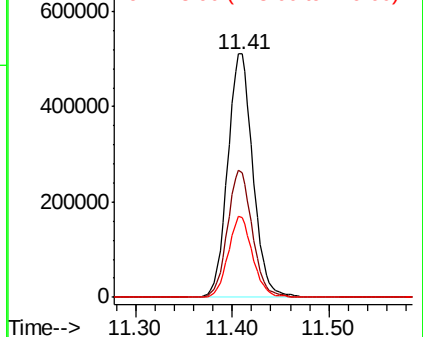


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.7	61.1
119	33.0	25.3	37.9

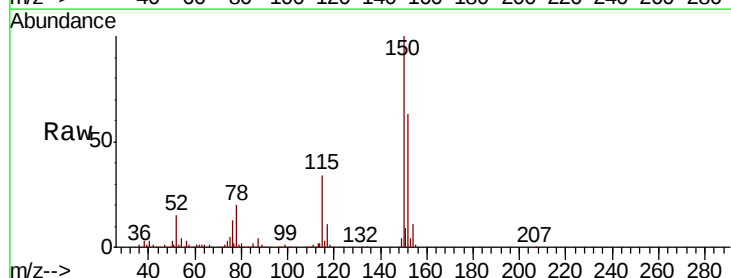


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051387.D
Acq: 21 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.7
150	158.3	0.0	345.0



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

