

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051377.D
 Acq On : 21 Sep 2018 18:38
 Operator : MD\SY
 Sample : PB113086ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

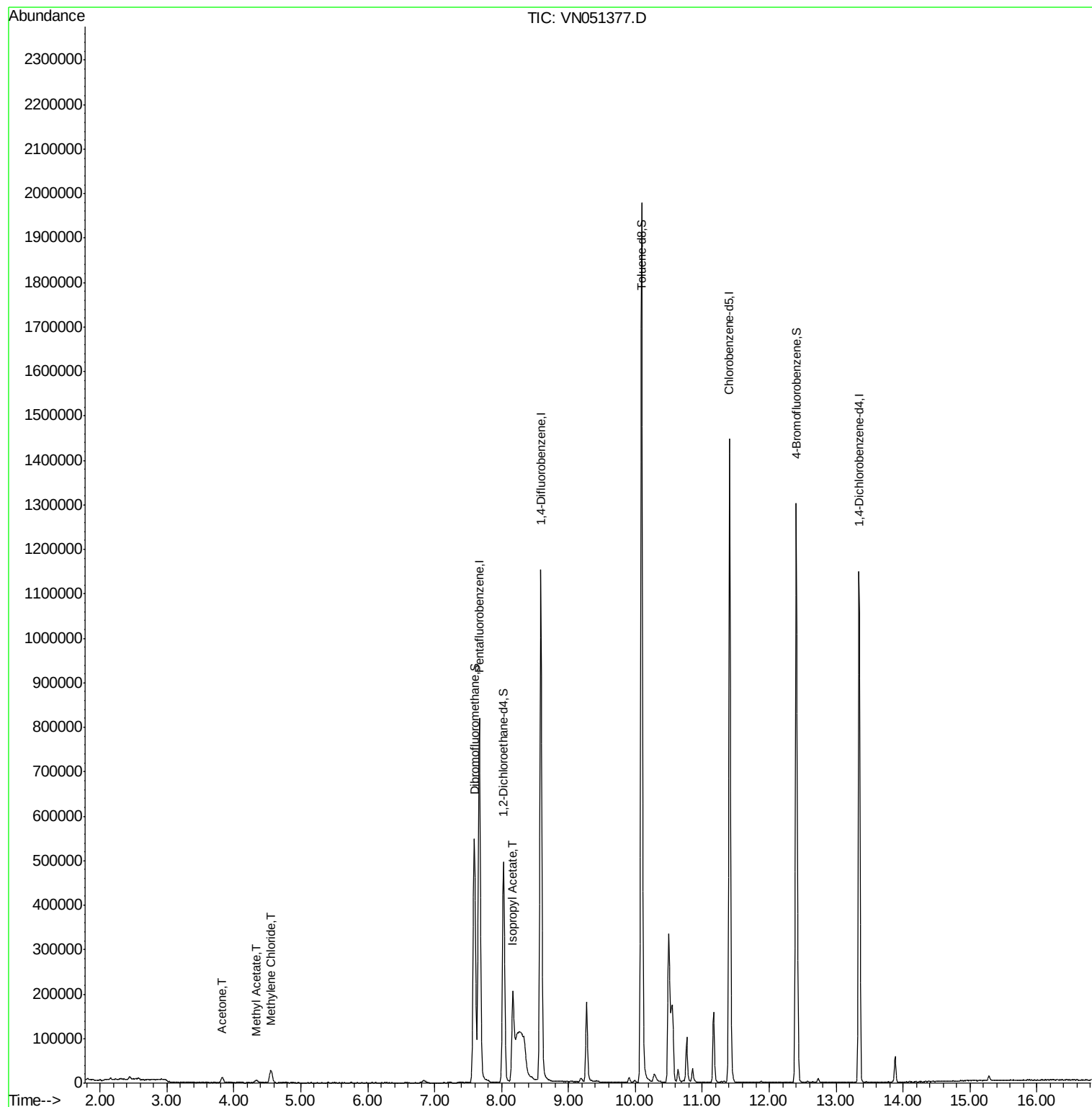
Quant Time: Sep 21 23:53:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

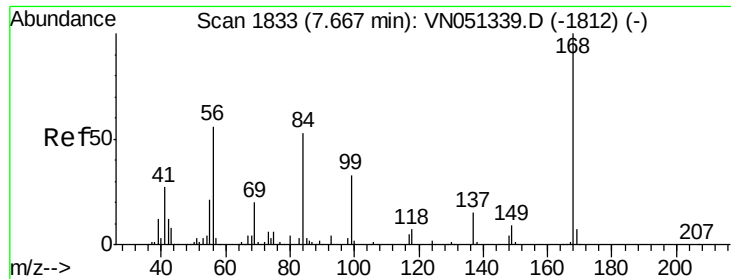
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	759424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1120896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	947268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	356907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424491	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.59	113	426035	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1490369	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
62) 4-Bromofluorobenzene	12.40	95	412602	36.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.84%	
Target Compounds						
16) Acetone	3.82	43	19637	10.777	ug/l	95
18) Methyl Acetate	4.33	43	11167m	1.250	ug/l	
20) Methylene Chloride	4.55	84	22515	2.661	ug/l	97
43) Isopropyl Acetate	8.17	43	256148	25.768	ug/l #	91

(#) = 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: VN051377.D

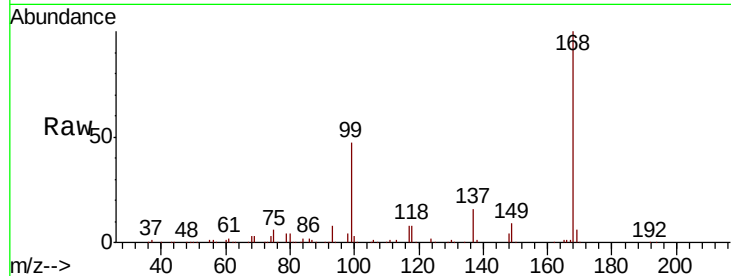
Acq: 21 Sep 2018 18:38

Tot Ion:168 Resp: 759424

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



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

Ion 98.90 (98.60 to 99.60): VN051339.D

7.67

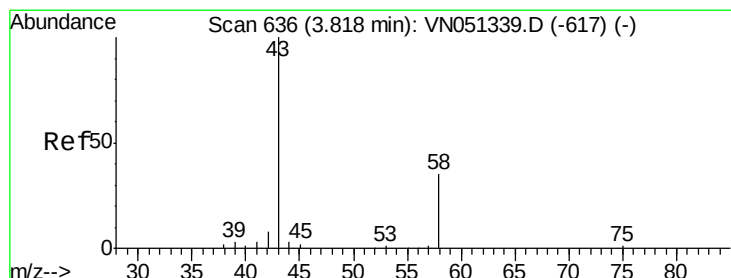
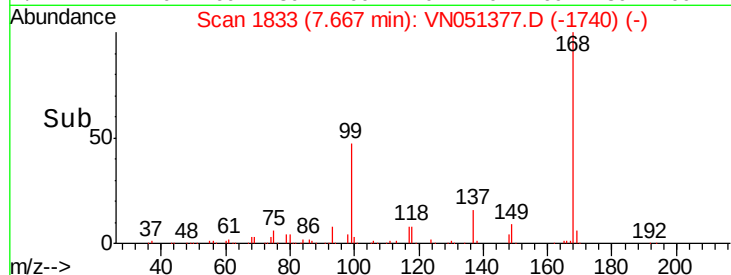
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.777 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051377.D

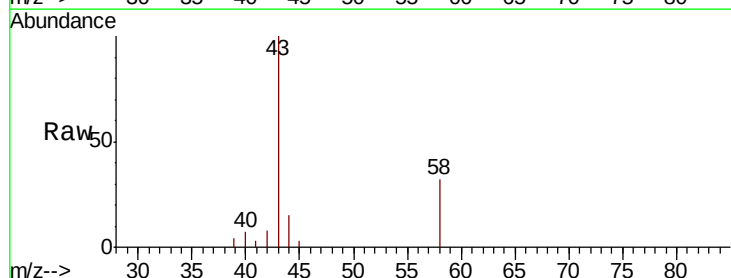
Acq: 21 Sep 2018 18:38

Tgt Ion: 43 Resp: 19637

Ion Ratio Lower Upper

43 100

58 32.5 28.3 42.5



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

Ion 58.00 (57.70 to 58.70): VN051339.D

3.82

8000

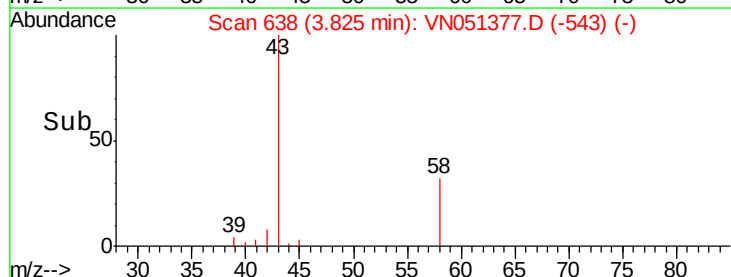
6000

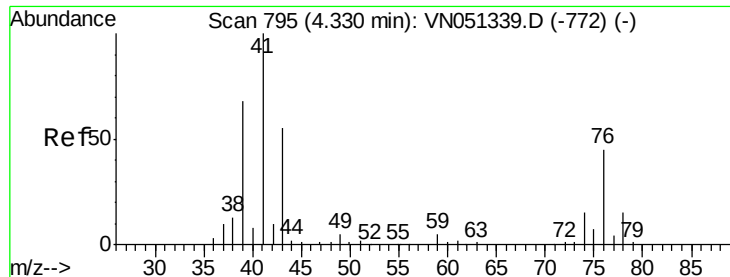
4000

2000

0

Time--> 3.75 3.80 3.85 3.90





#18

Methvl Acetate

Concen: 1.250 ug/l m

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051377.D

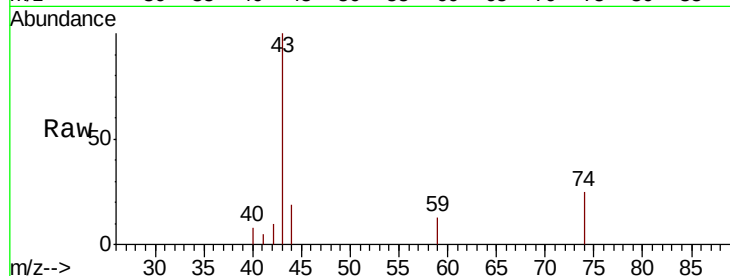
Acq: 21 Sep 2018 18:38

Tot Ion: 43 Resp: 11167

Ion Ratio Lower Upper

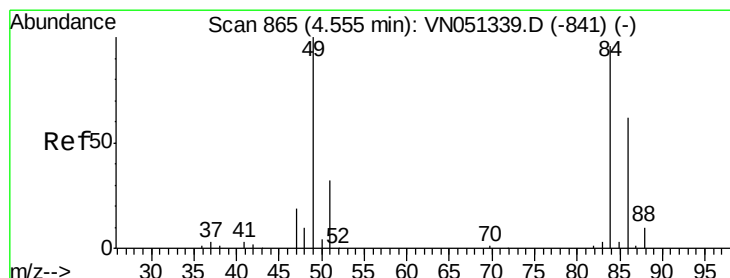
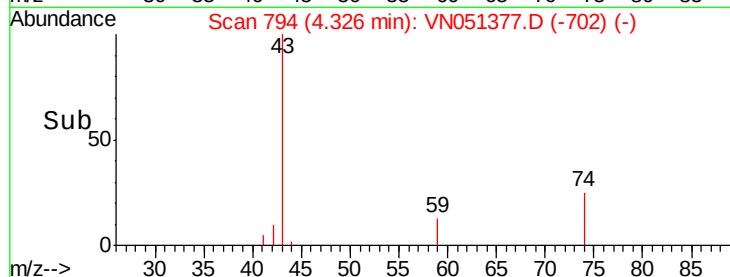
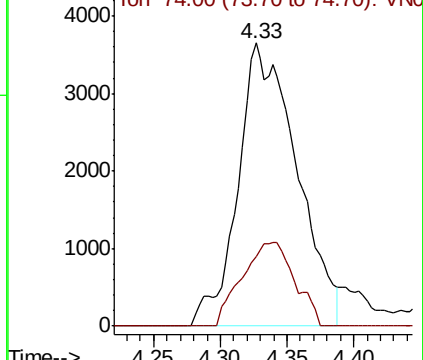
43 100

74 26.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 2.661 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051377.D

Acq: 21 Sep 2018 18:38

Tgt Ion: 84 Resp: 22515

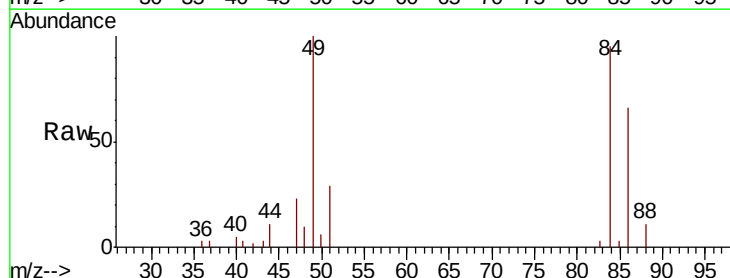
Ion Ratio Lower Upper

84 100

49 105.1 83.2 124.8

51 30.7 26.4 39.6

86 69.4 51.4 77.0

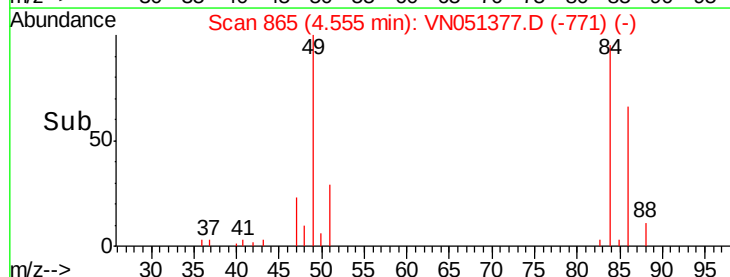
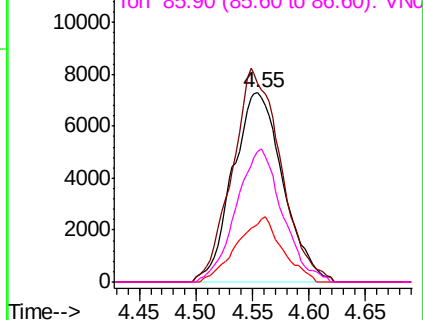


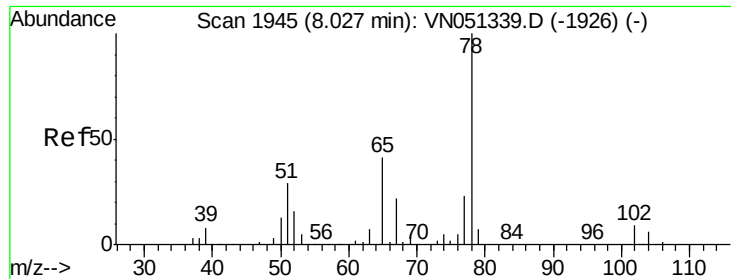
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.572 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051377.D

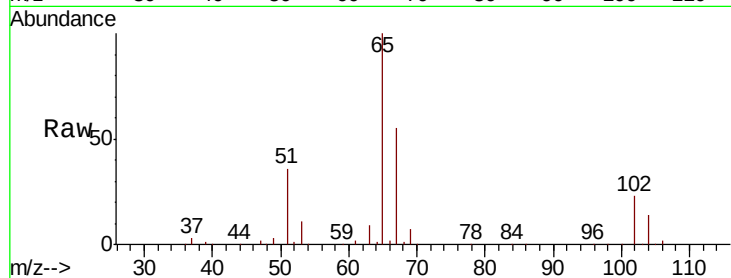
Acq: 21 Sep 2018 18:38

Tot Ion: 65 Resp: 424491

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

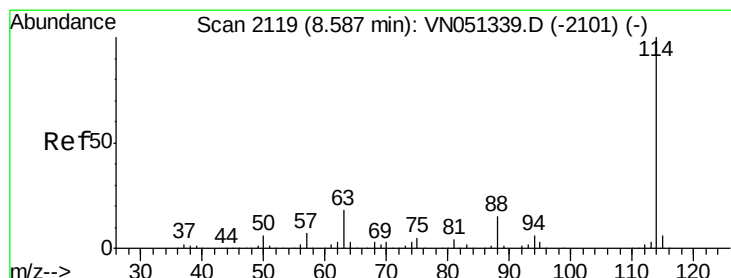
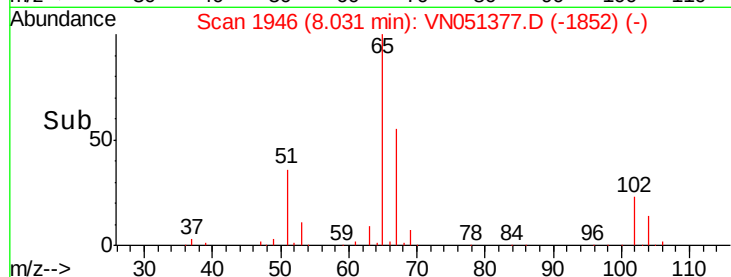
100000

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: VN051377.D

Acq: 21 Sep 2018 18:38

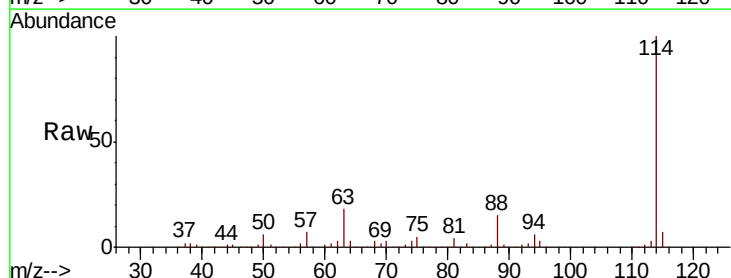
Tgt Ion: 114 Resp: 1120896

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 15.0 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

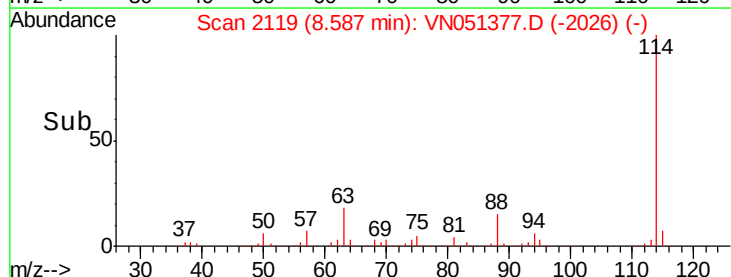
400000

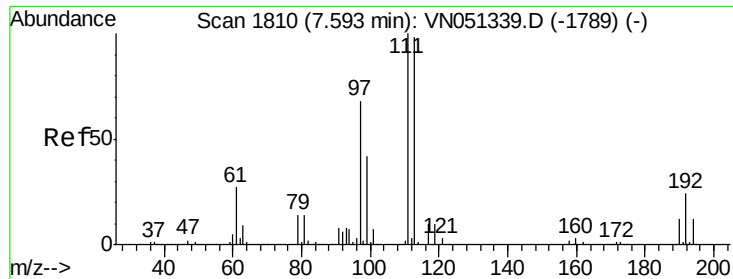
200000

0

Time-->

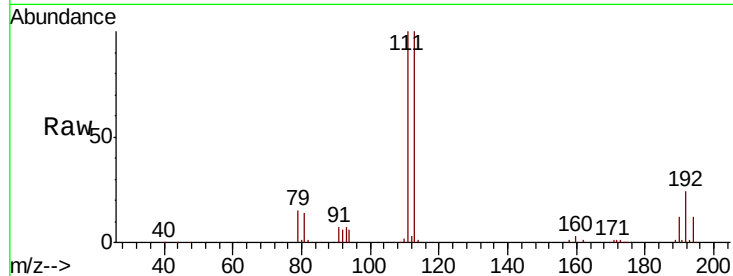
8.50 8.60 8.70



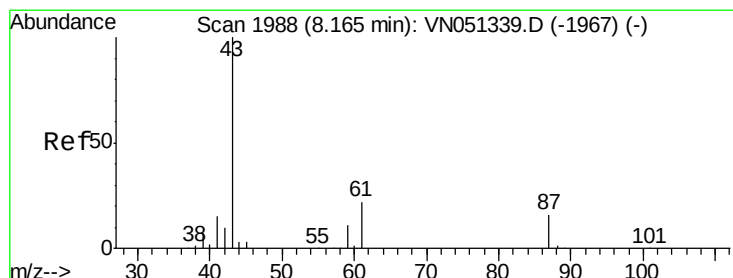
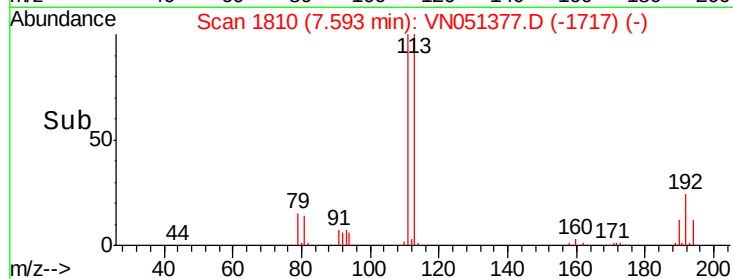
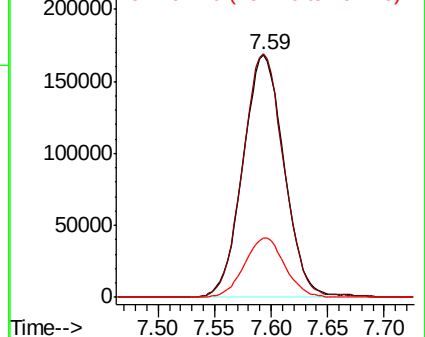


#35
 Dibromofluoromethane
 Concen: 47.032 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051377.D
 Acq: 21 Sep 2018 18:38

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	24.2	19.8	29.6

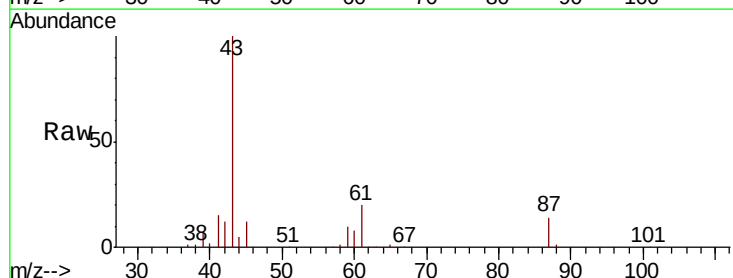


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

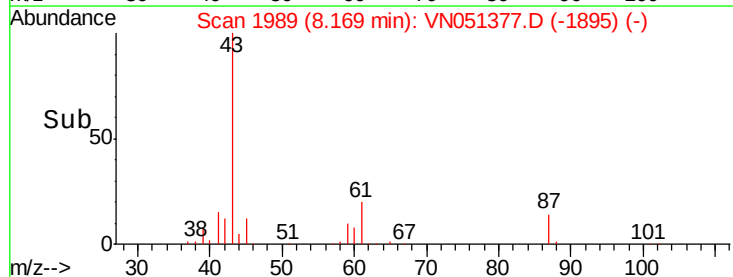
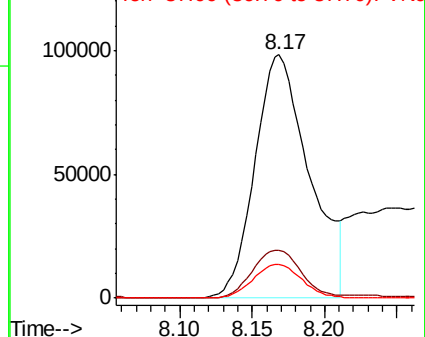


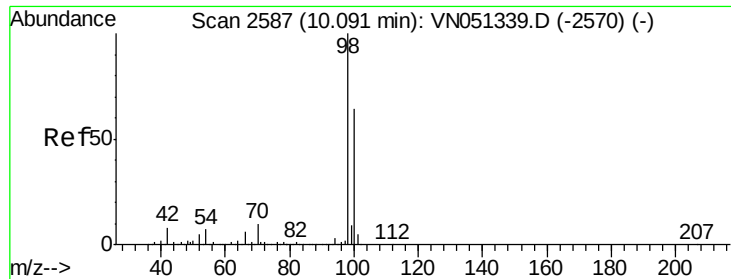
#43
 Isopropyl Acetate
 Concen: 25.768 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051377.D
 Acq: 21 Sep 2018 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	18.1	27.1#
87	12.5	12.8	19.2#



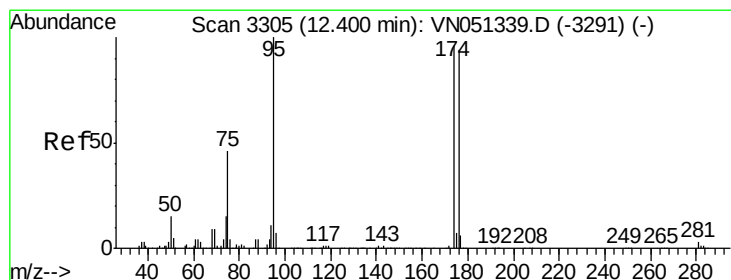
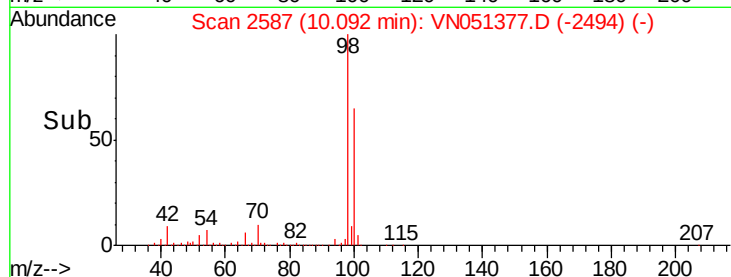
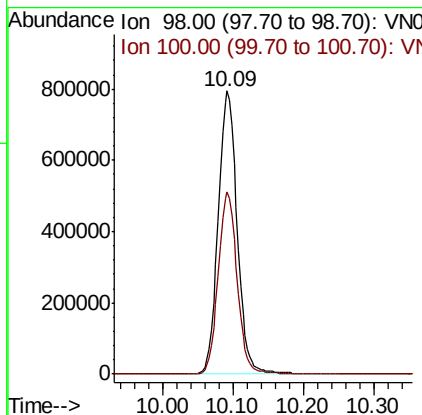
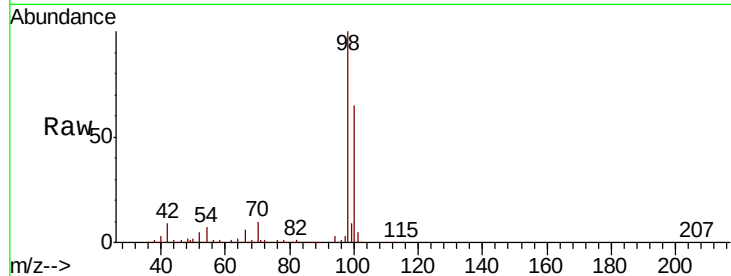
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





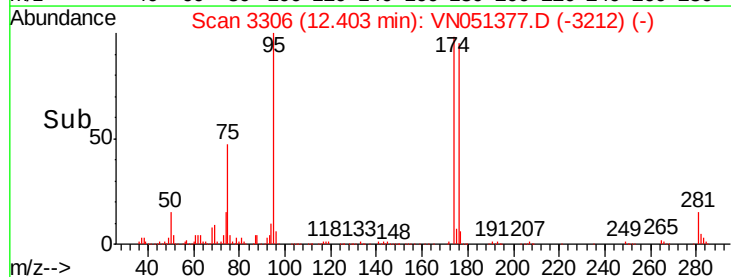
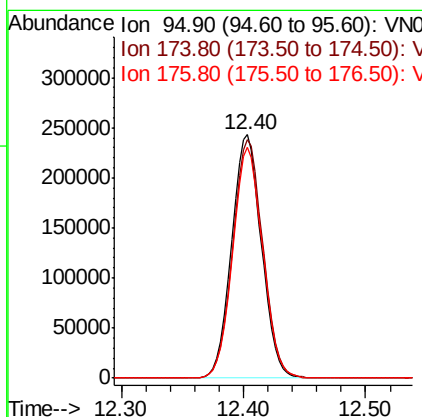
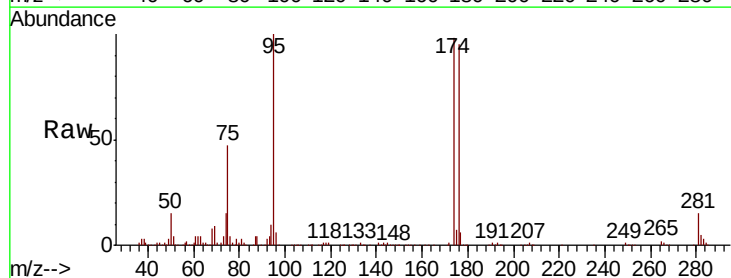
#50
Toluene-d8
Concen: 42.799 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051377.D
Acq: 21 Sep 2018 18:38

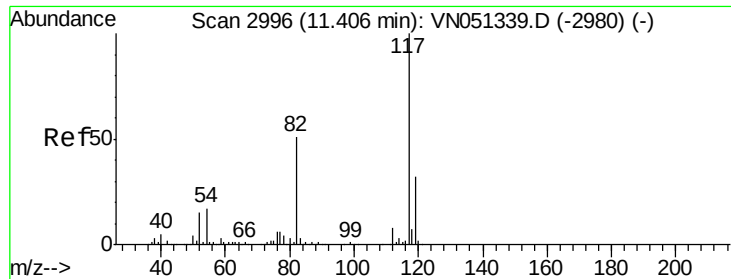
Tot Ion: 98 Resp: 1490369
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 36.420 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051377.D
Acq: 21 Sep 2018 18:38

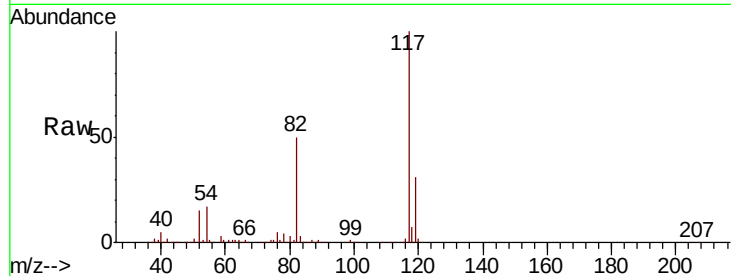
Tgt Ion: 95 Resp: 412602
Ion Ratio Lower Upper
95 100
174 99.2 0.0 194.6
176 95.2 0.0 189.6



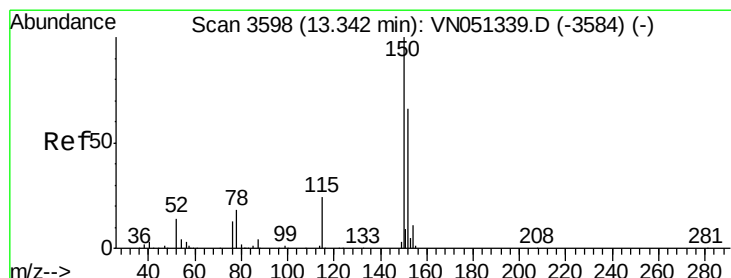
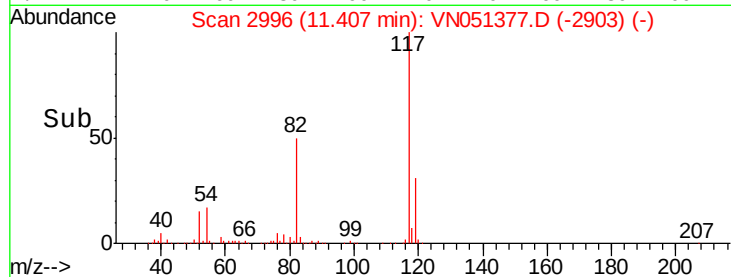
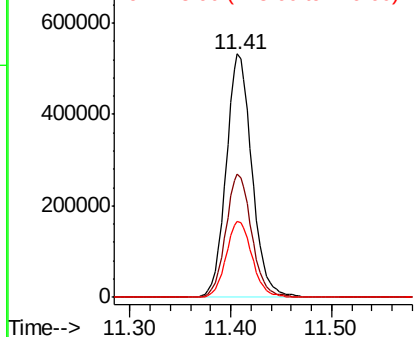


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051377.D
Acq: 21 Sep 2018 18:38

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.7	61.1
119	31.4	25.3	37.9

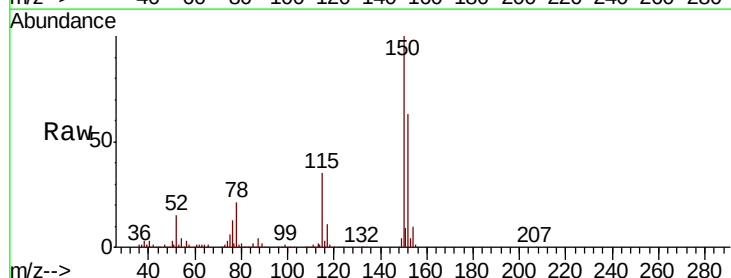


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051377.D
Acq: 21 Sep 2018 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	157.8	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

