

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051366.D
 Acq On : 21 Sep 2018 13:55
 Operator : MD\SY
 Sample : VN0922WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 21 23:18:56 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	810244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1169632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1005326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	369666	50.00	ug/l	0.00

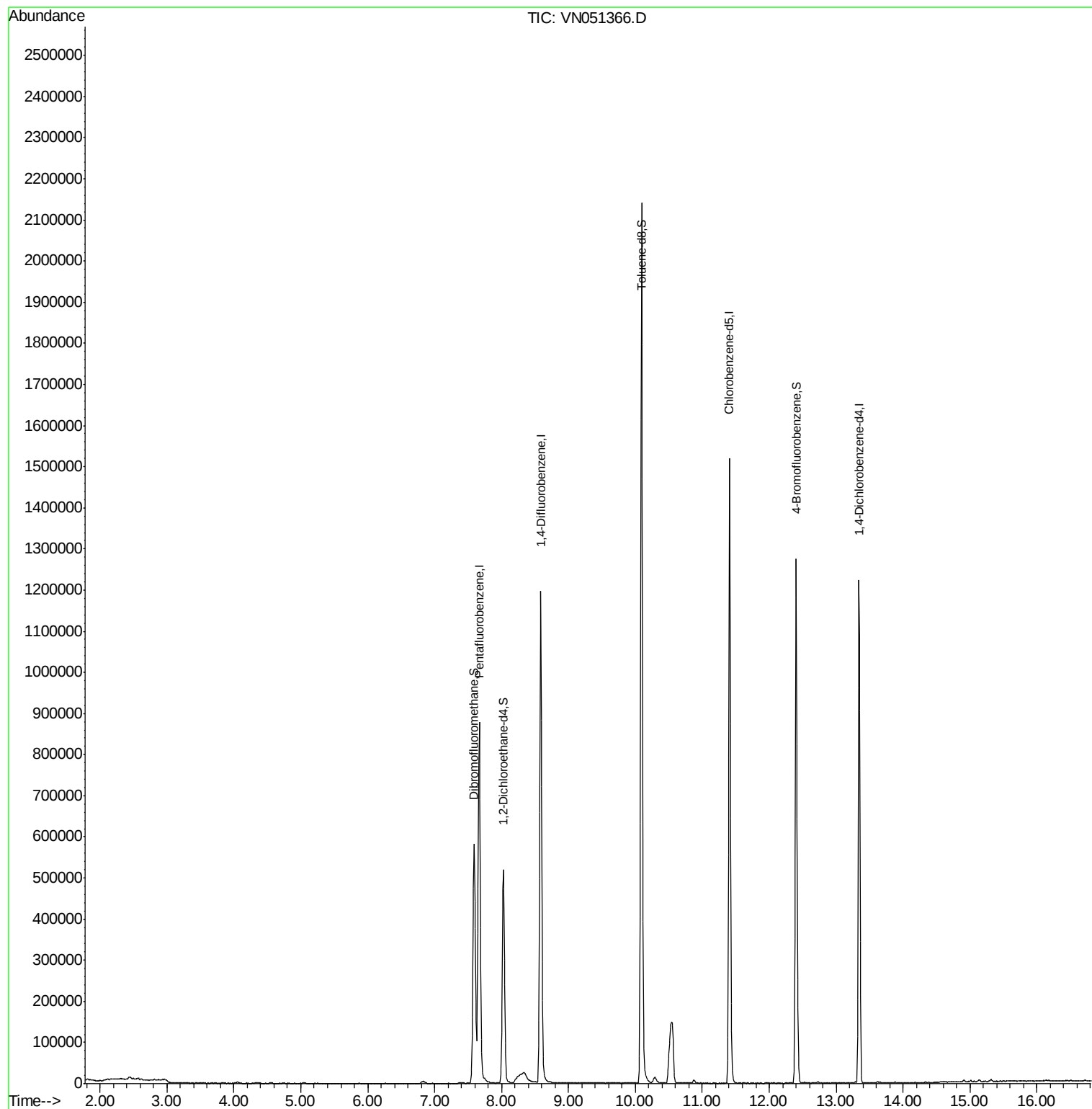
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444457	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.59	113	447878	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1608824	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
62) 4-Bromofluorobenzene	12.40	95	431995	36.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.08%	

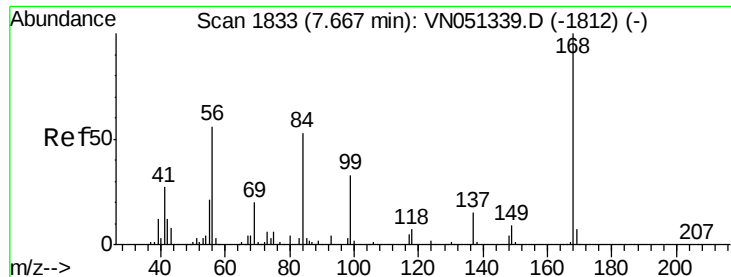
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051366.D

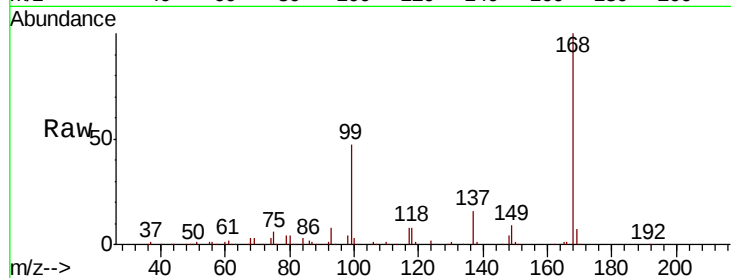
Acq: 21 Sep 2018 13:55

Tot Ion:168 Resp: 810244

Ion Ratio Lower Upper

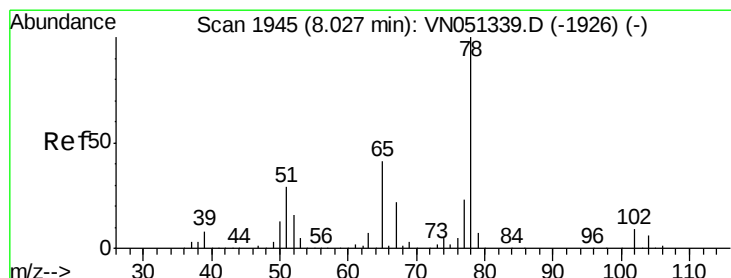
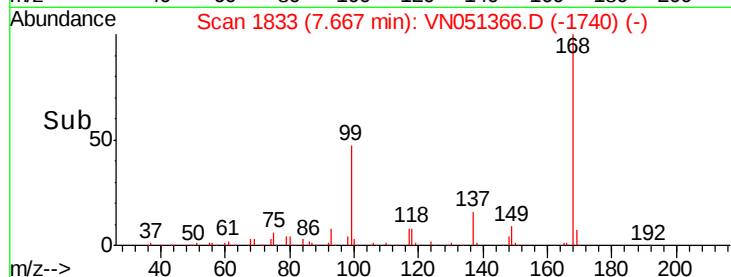
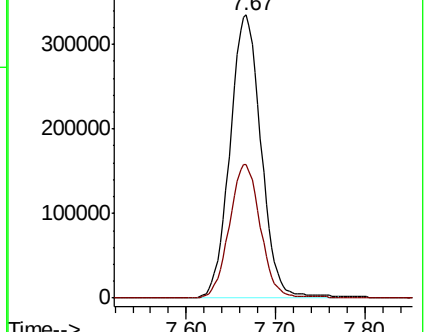
168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.611 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051366.D

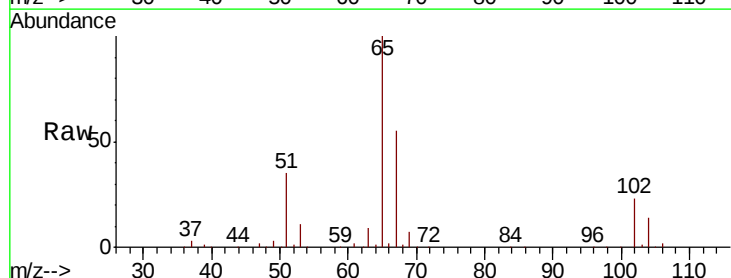
Acq: 21 Sep 2018 13:55

Tgt Ion: 65 Resp: 444457

Ion Ratio Lower Upper

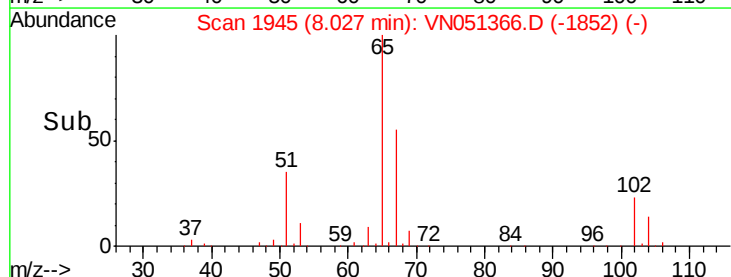
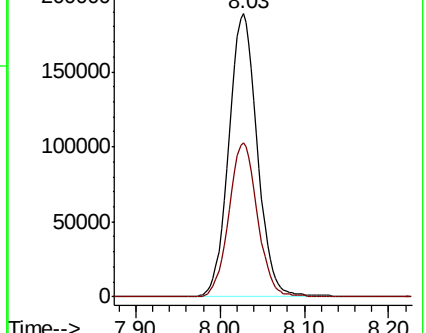
65 100

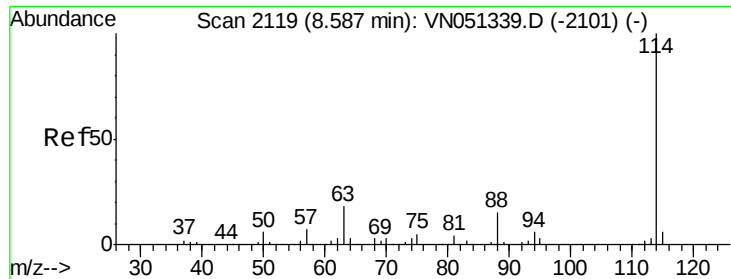
67 54.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

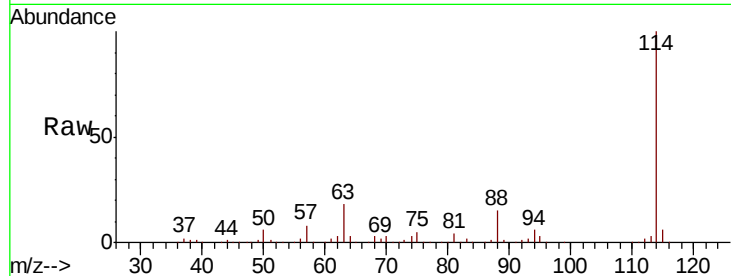




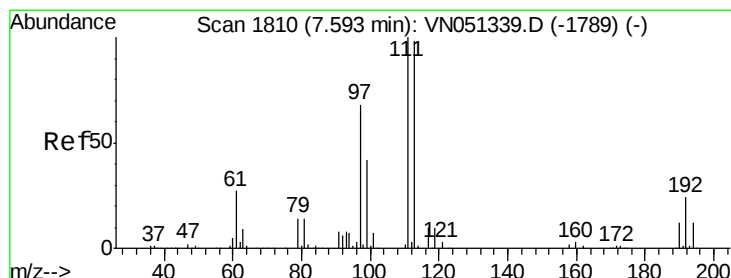
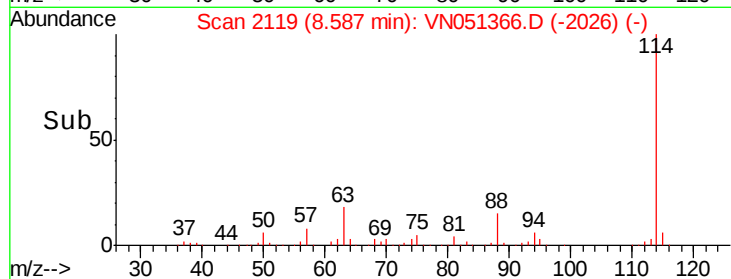
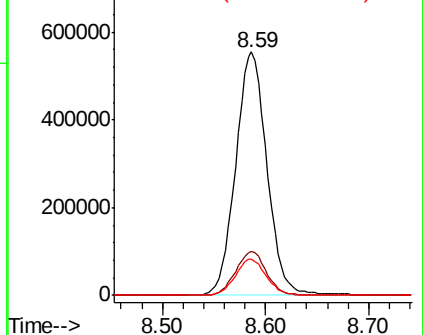
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051366.D
 Acq: 21 Sep 2018 13:55

Tot Ion:114 Resp: 1169632

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	14.7	0.0	29.8



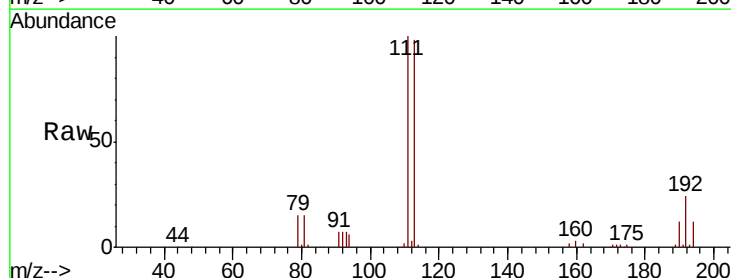
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



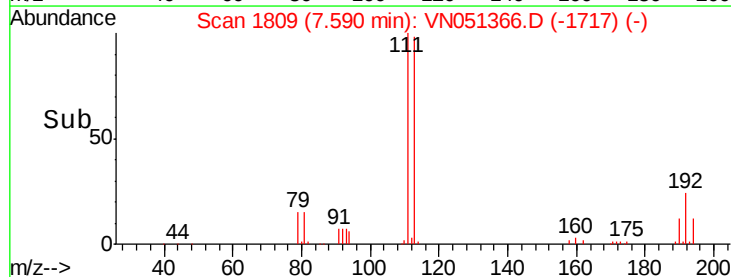
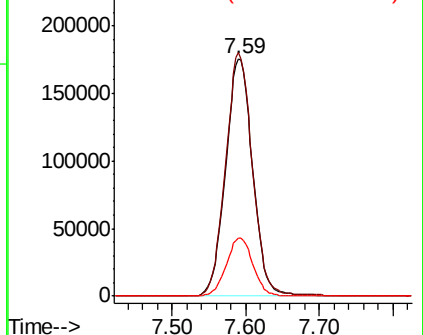
#35
 Dibromofluoromethane
 Concen: 47.384 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051366.D
 Acq: 21 Sep 2018 13:55

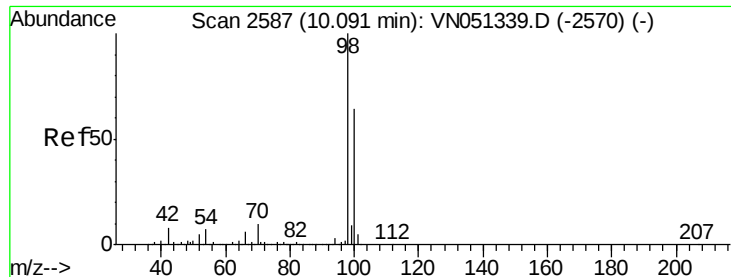
Tgt Ion:113 Resp: 447878

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	24.1	19.8	29.6



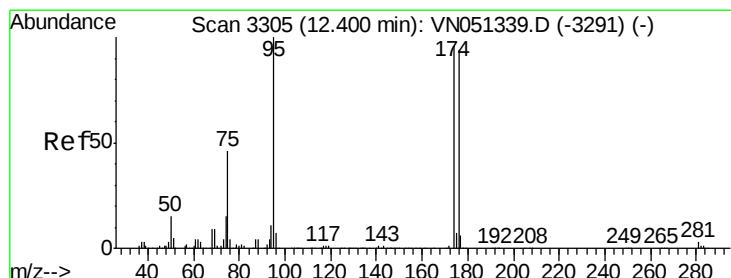
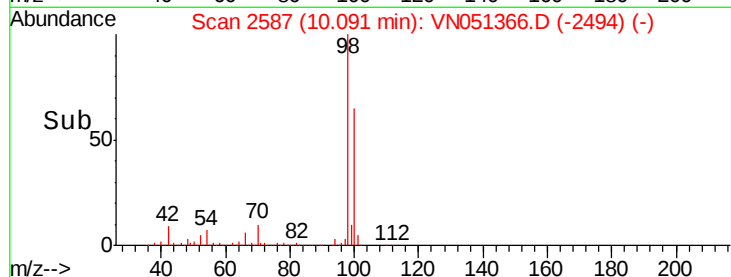
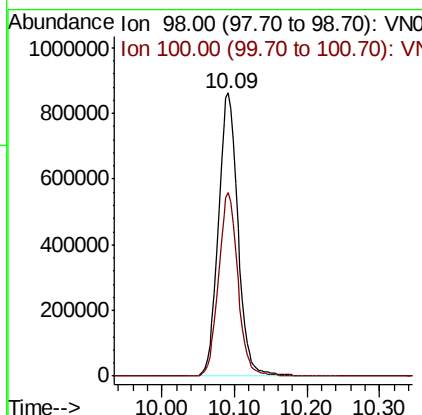
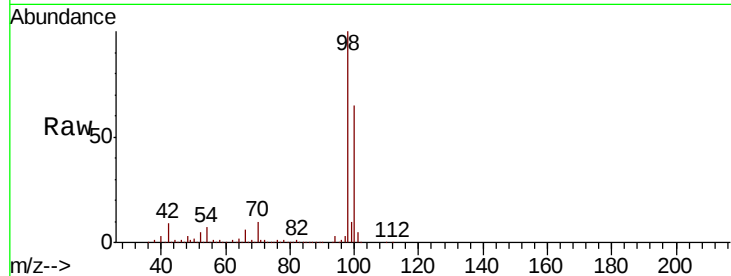
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





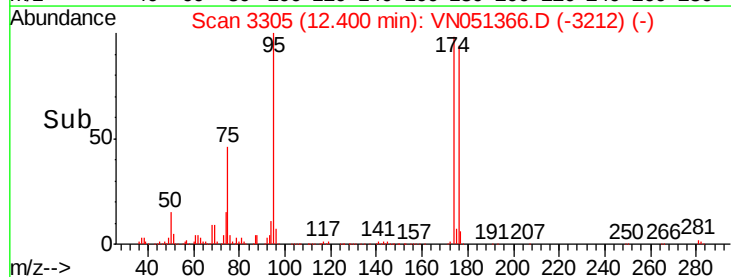
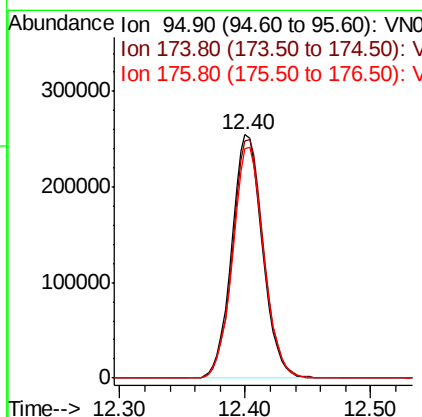
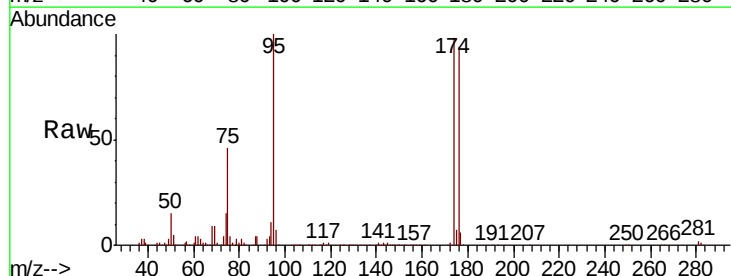
#50
Toluene-d8
Concen: 44.275 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051366.D
Acq: 21 Sep 2018 13:55

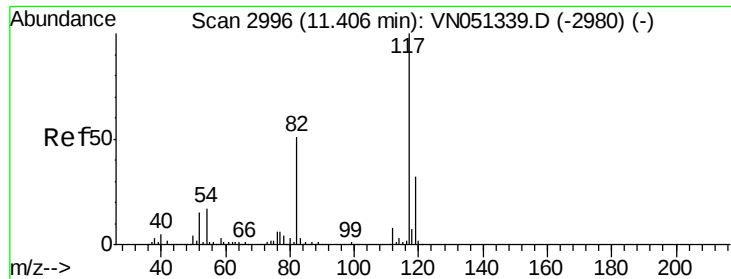
Tot Ion: 98 Resp: 1608824
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 36.543 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051366.D
Acq: 21 Sep 2018 13:55

Tgt Ion: 95 Resp: 431995
Ion Ratio Lower Upper
95 100
174 99.8 0.0 194.6
176 95.8 0.0 189.6

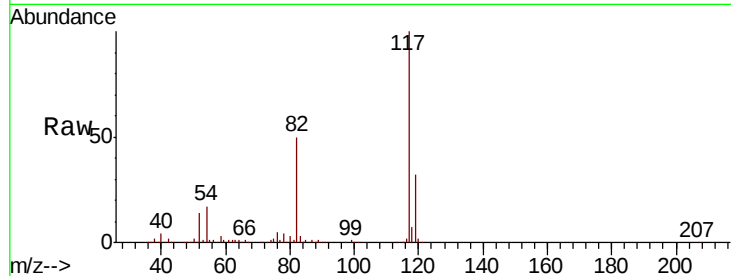




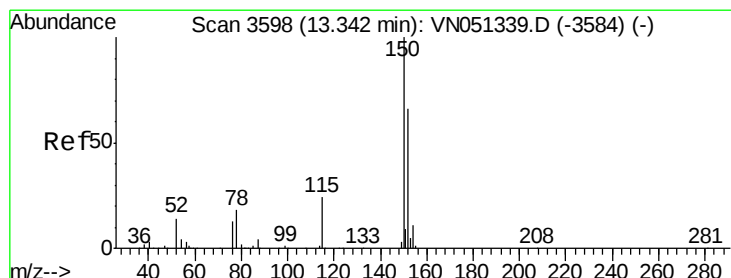
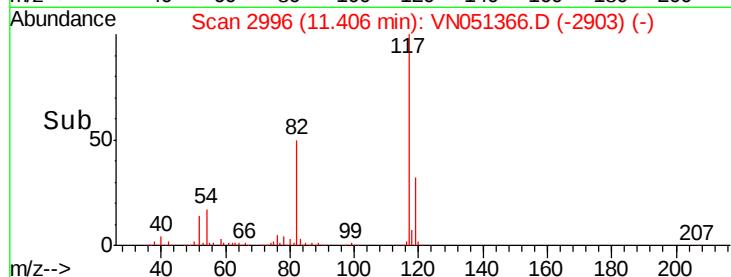
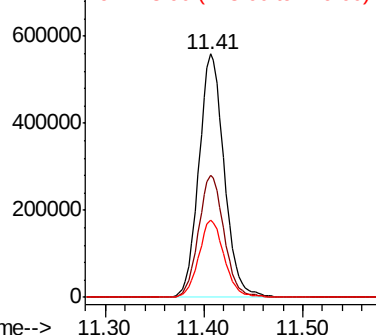
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051366.D
Acq: 21 Sep 2018 13:55

Tot Ion:117 Resp: 1005326

Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.7	61.1
119	31.8	25.3	37.9



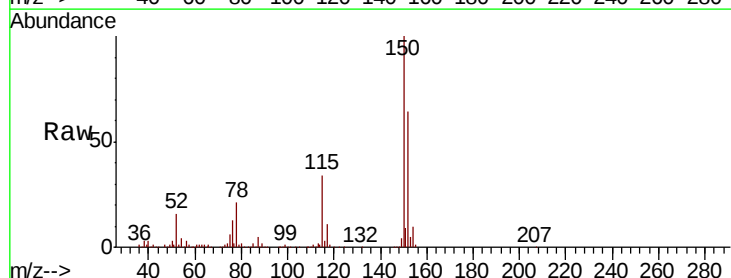
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051366.D
Acq: 21 Sep 2018 13:55

Tgt Ion:152 Resp: 369666

Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.9	80.7
150	156.7	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

