

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052364.D
 Acq On : 16 Nov 2018 15:00
 Operator : MD\SY
 Sample : J5968-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-111418

Quant Time: Nov 16 23:49:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	308703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	511603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140297	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215878	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.59	113	168015	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.09	98	635581	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.40	95	180590	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	

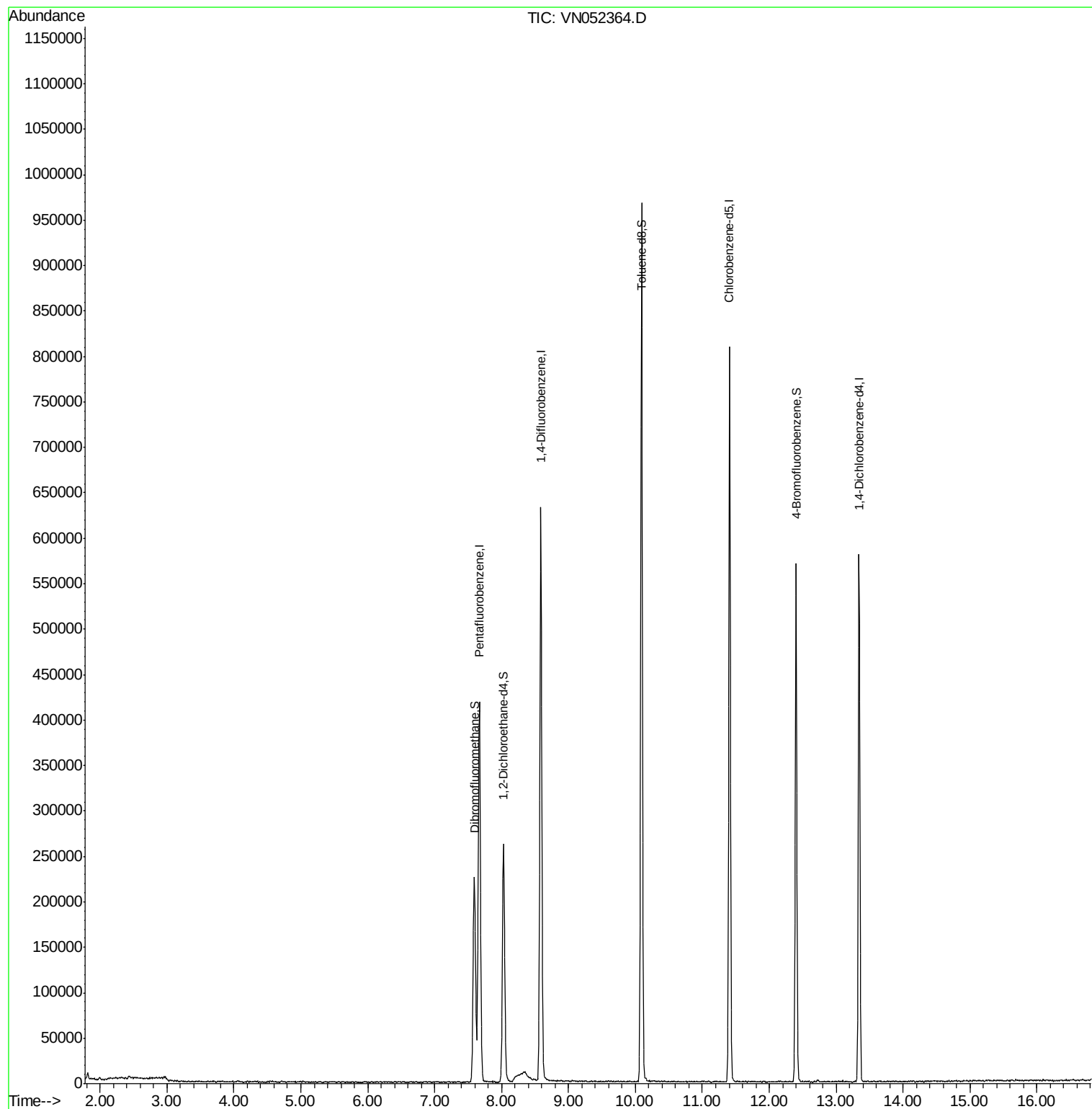
Target Compounds	Qvalue

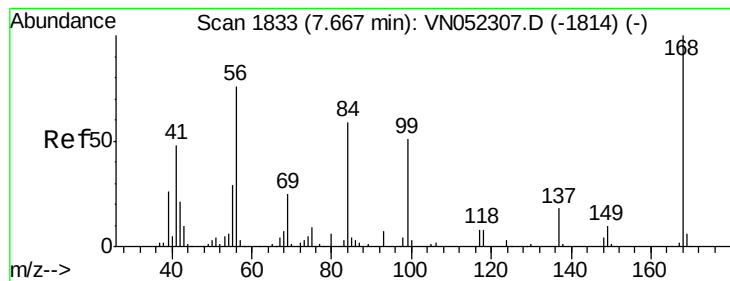
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052364.D

Acq: 16 Nov 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

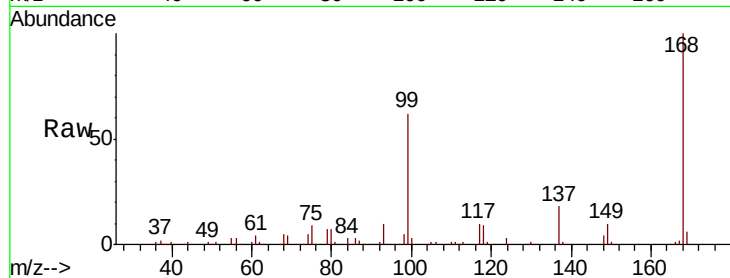
TB-111418

Tot Ion:168 Resp: 308703

Ion Ratio Lower Upper

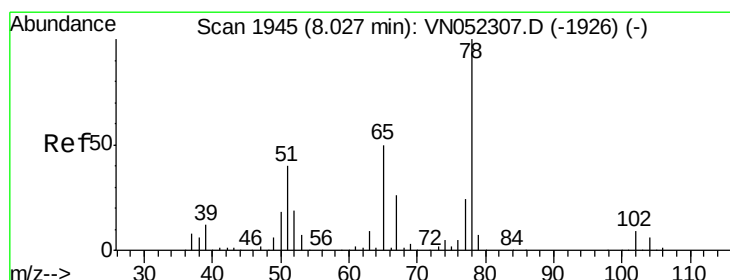
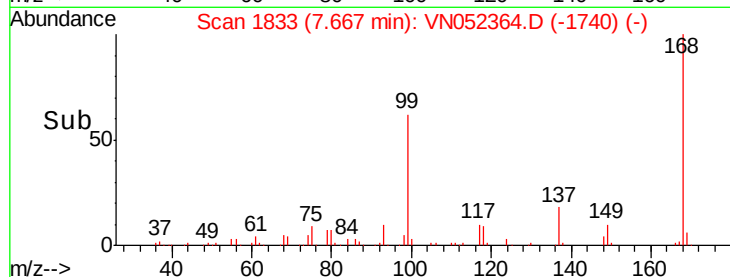
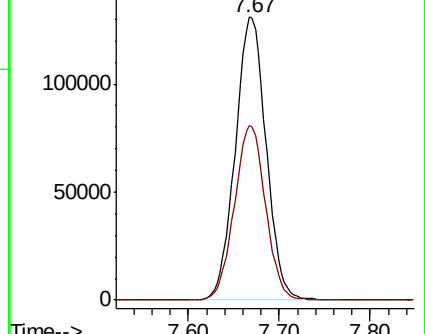
168 100

99 61.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052364.D

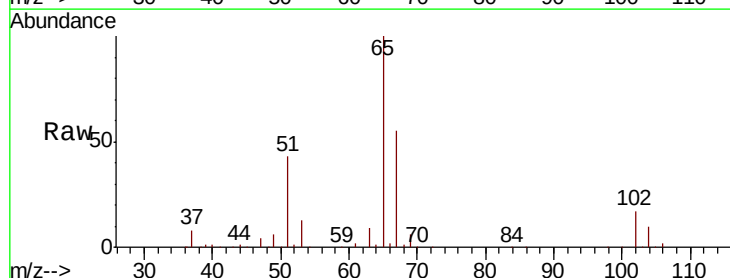
Acq: 16 Nov 2018 15:00

Tgt Ion: 65 Resp: 215878

Ion Ratio Lower Upper

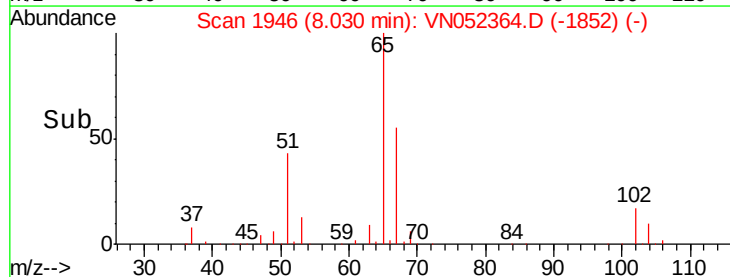
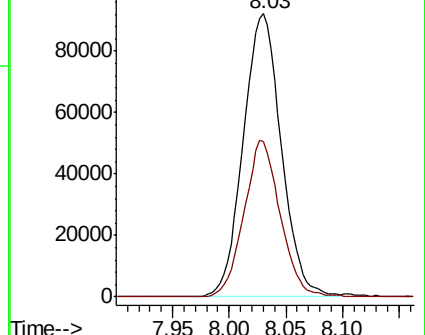
65 100

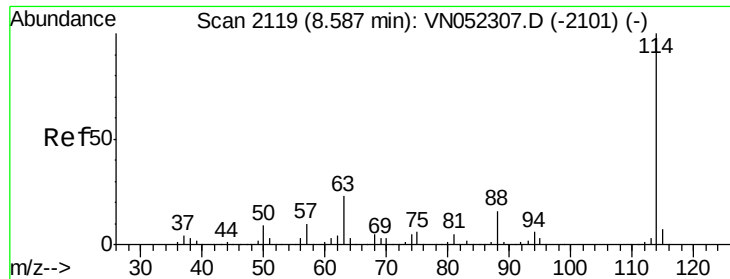
67 52.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052307.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052307.D (-1926) (-)

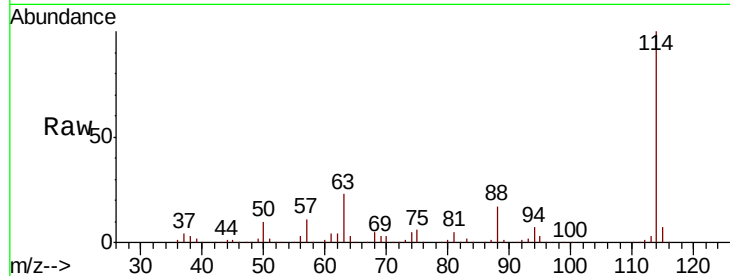




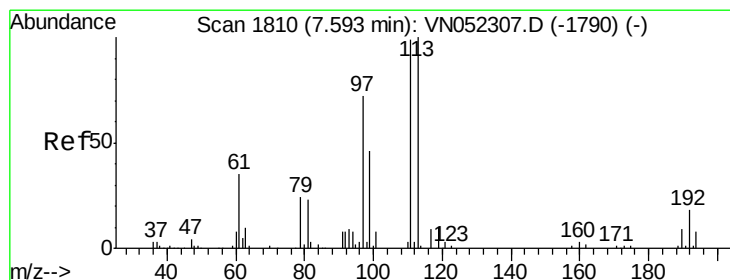
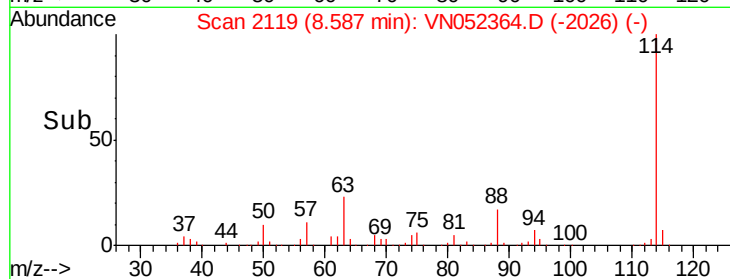
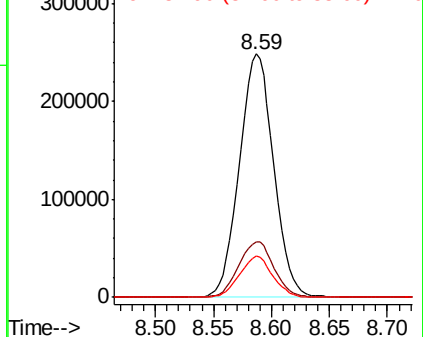
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052364.D
 Acq: 16 Nov 2018 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-111418

Tot Ion:114 Resp: 511603
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.4
 88 16.8 0.0 31.2

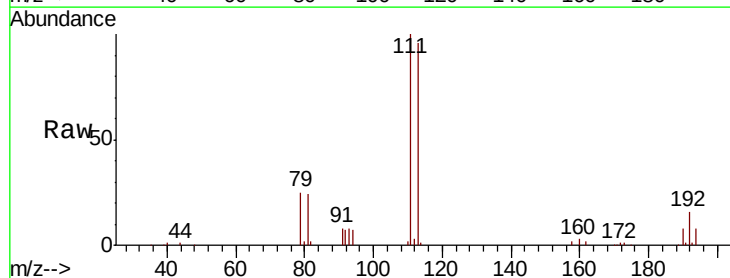


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

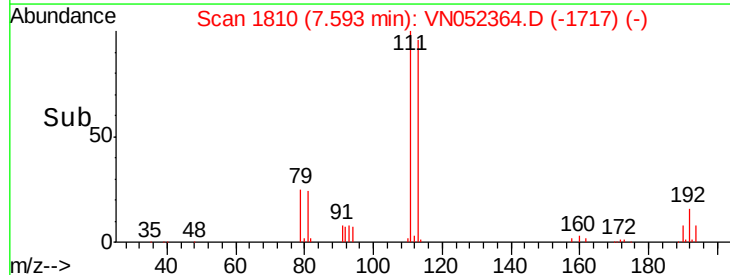
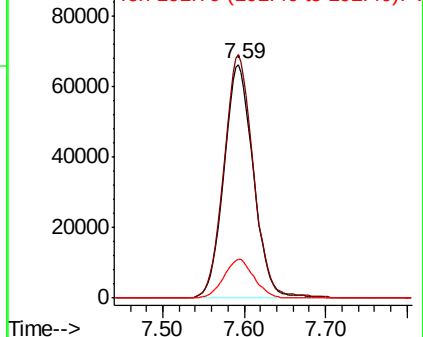


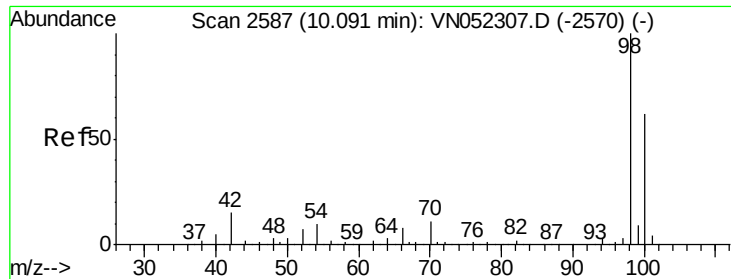
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052364.D
 Acq: 16 Nov 2018 15:00

Tgt Ion:113 Resp: 168015
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 16.9 13.8 20.6



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

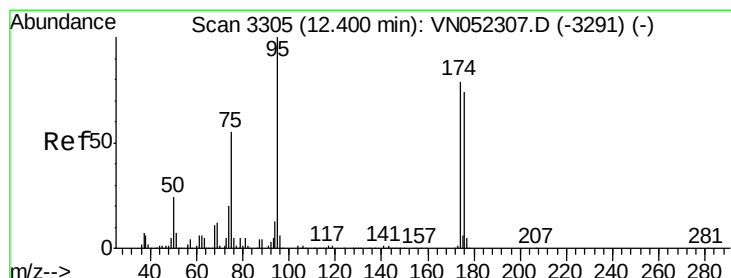
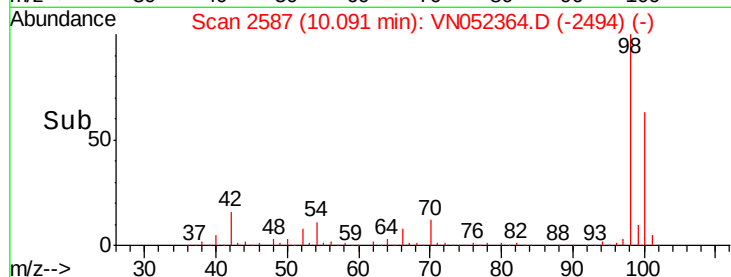
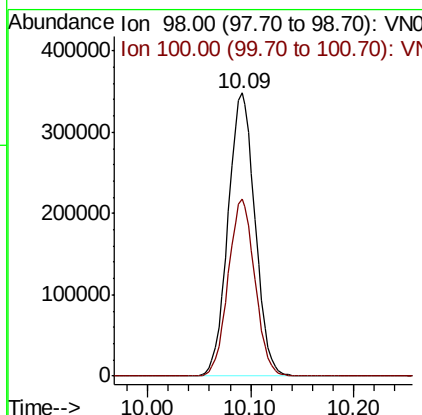
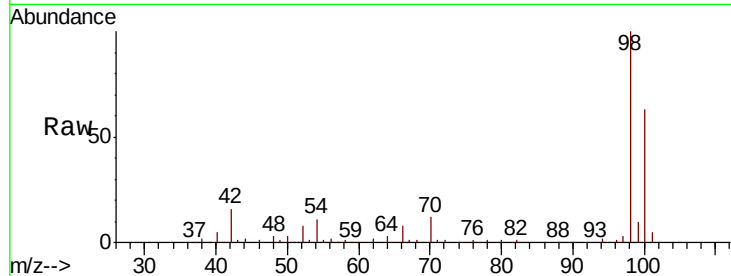




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052364.D
Acq: 16 Nov 2018 15:00

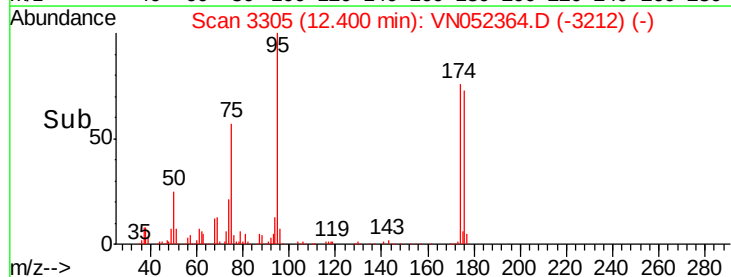
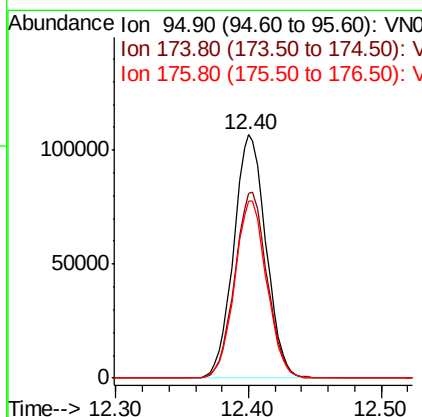
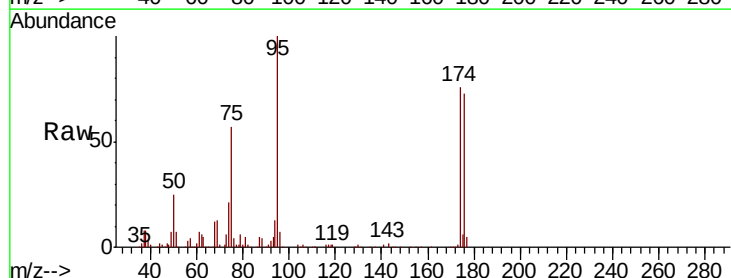
Instrument :
MSVOA_N
ClientSampleId :
TB-111418

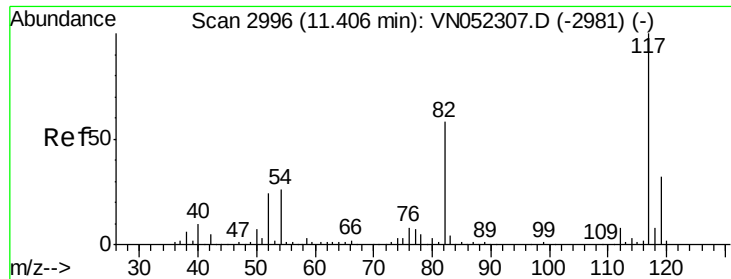
Tot Ion: 98 Resp: 635581
Ion Ratio Lower Upper
98 100
100 62.0 49.5 74.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052364.D
Acq: 16 Nov 2018 15:00

Tgt Ion: 95 Resp: 180590
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.0
176 72.3 0.0 148.4

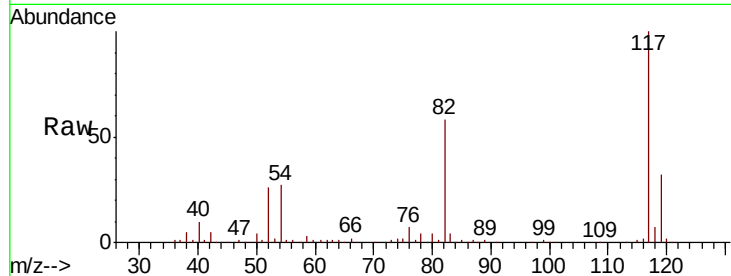




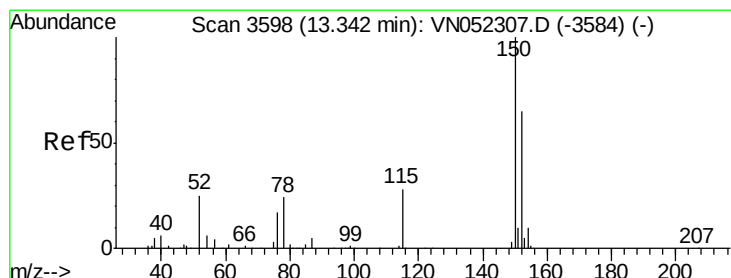
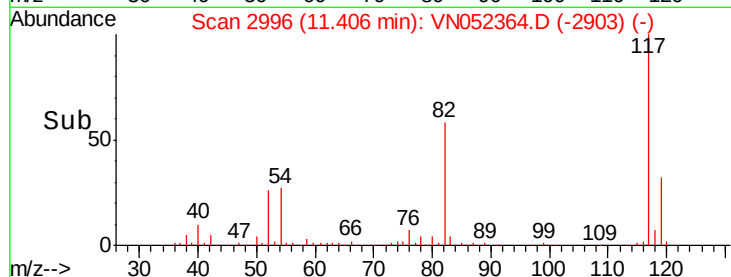
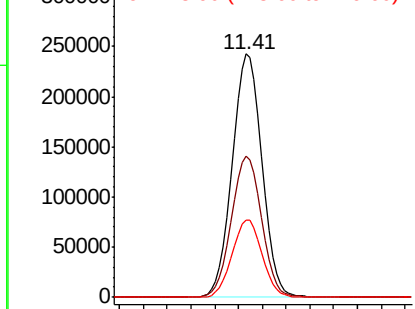
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052364.D
Acq: 16 Nov 2018 15:00

Instrument :
MSVOA_N
ClientSampled :
TB-111418

Tot Ion:117 Resp: 420818
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 31.9 25.7 38.5

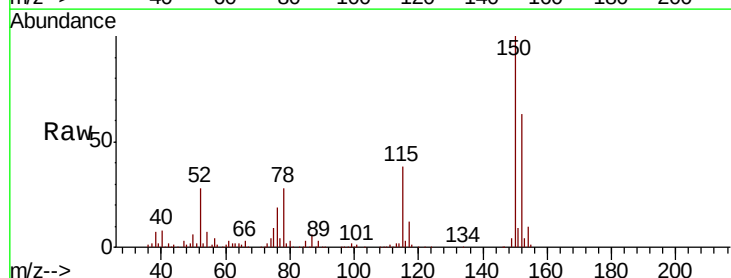


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052364.D
Acq: 16 Nov 2018 15:00

Tgt Ion:152 Resp: 140297
Ion Ratio Lower Upper
152 100
115 61.0 30.3 91.0
150 157.3 0.0 348.2



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

