

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050102.D
 Acq On : 27 Jul 2018 00:21
 Operator : MD\SY
 Sample : J4163-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Jul 27 09:42:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	719133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1149653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	487970	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	433855	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
50) Toluene-d8	10.09	98	1566936	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	12.40	95	440607	38.78	ug/l	0.00
Spiked Amount			Recovery	=	77.56%	

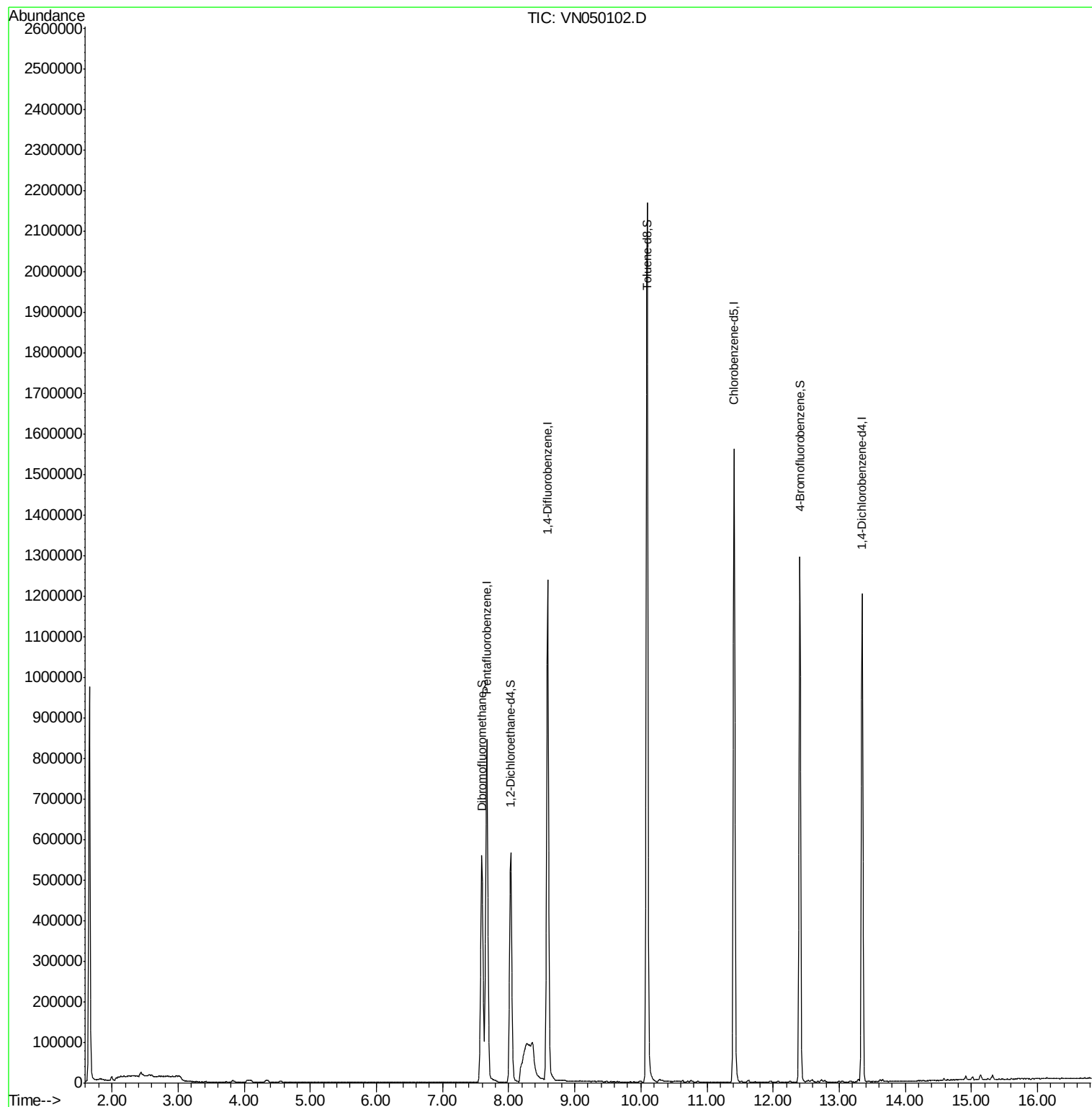
Target Compounds	Qvalue
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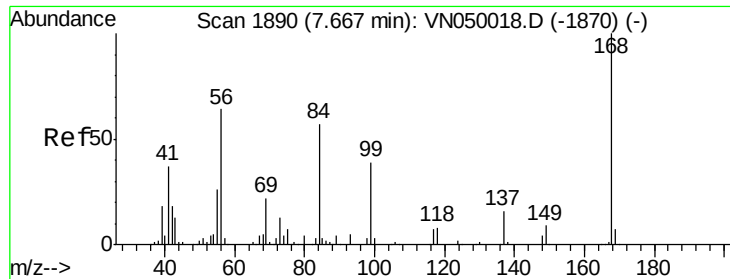
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050102.D

Acq: 27 Jul 2018 00:21

Instrument :

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ClientSampleId :

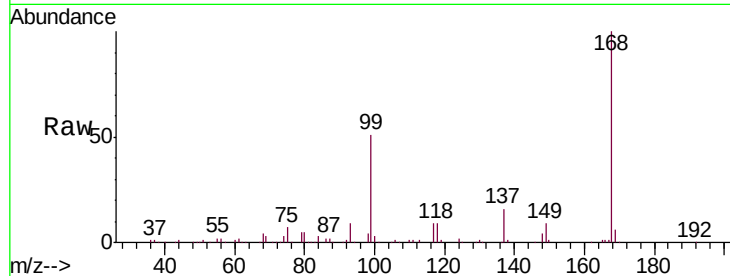
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Tot Ion:168 Resp: 719133

Ion Ratio Lower Upper

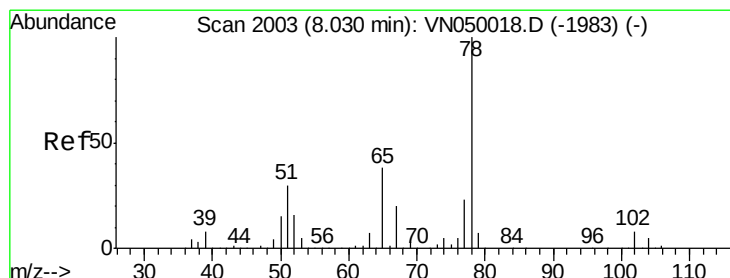
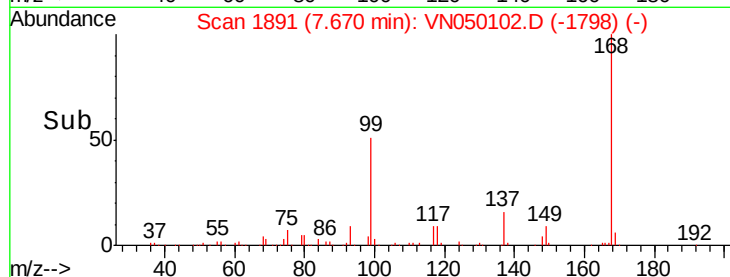
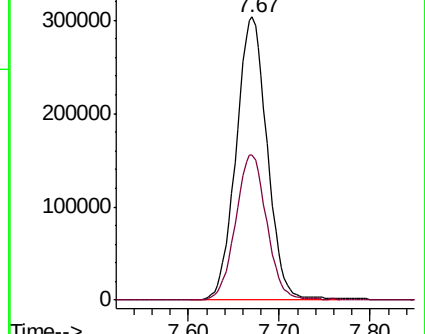
168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050102.D

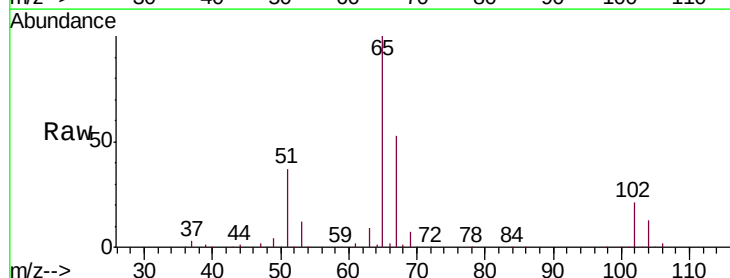
Acq: 27 Jul 2018 00:21

Tgt Ion: 65 Resp: 487970

Ion Ratio Lower Upper

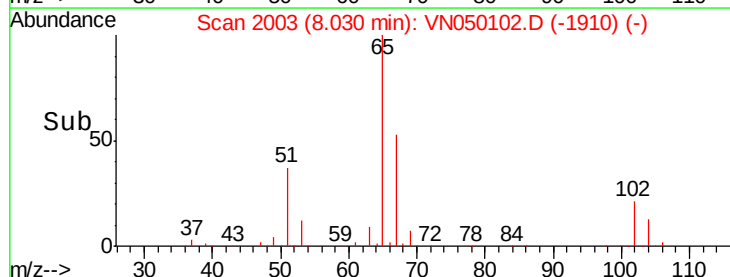
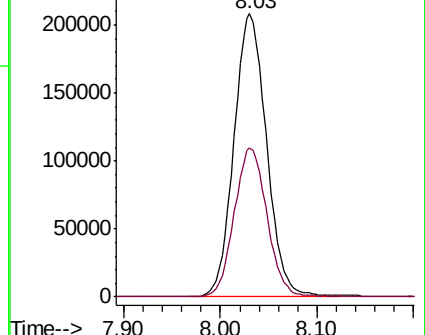
65 100

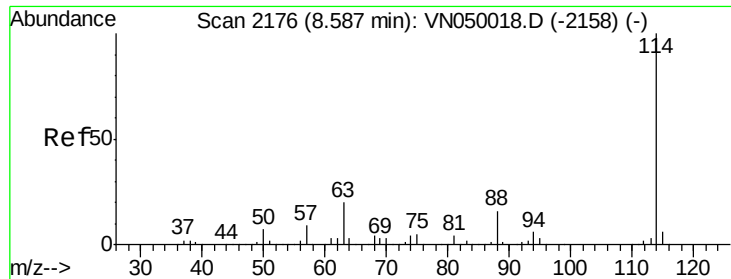
67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

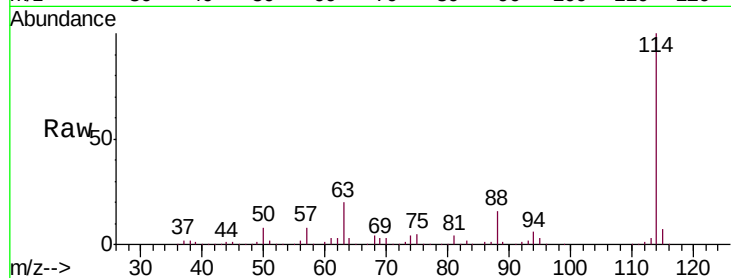




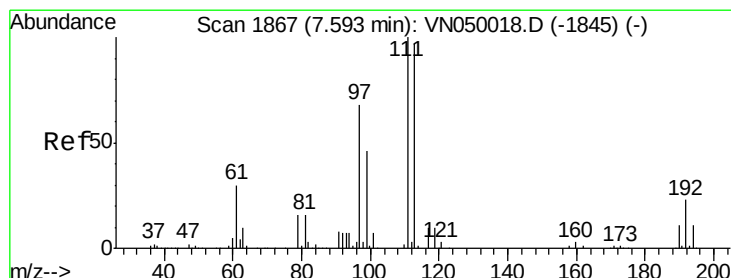
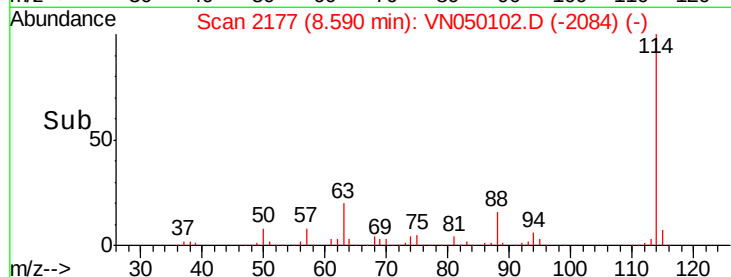
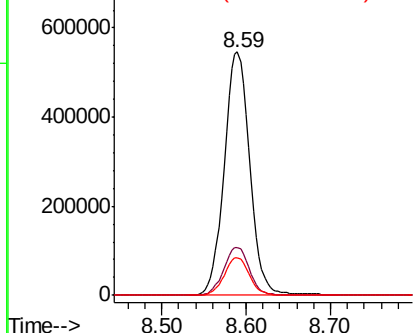
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050102.D
 Acq: 27 Jul 2018 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion:114 Resp: 1149653
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2

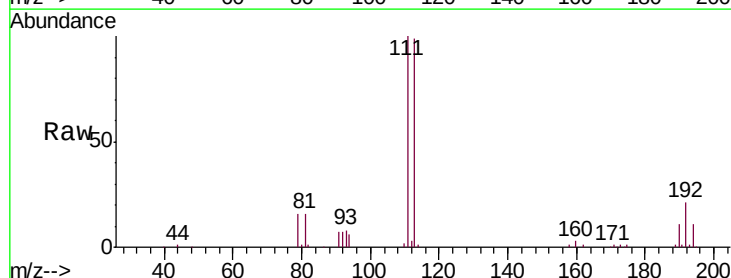


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

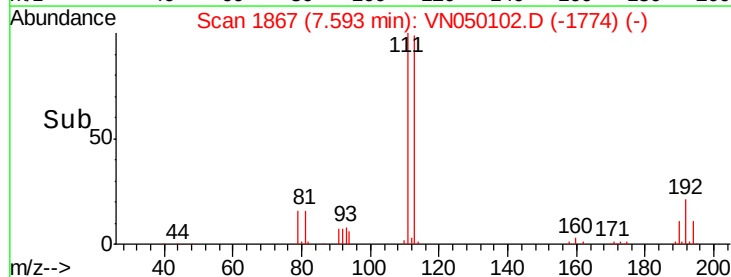
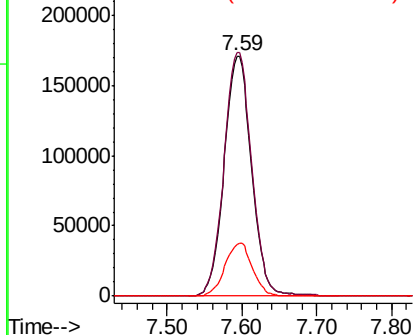


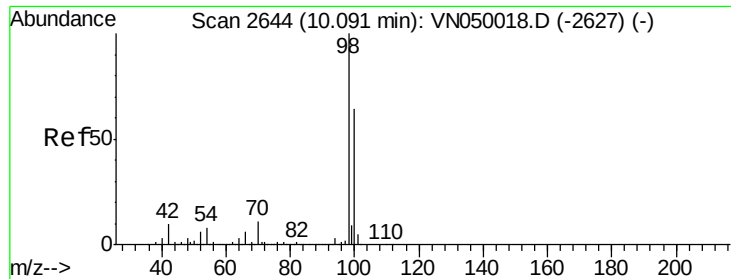
#35
 Dibromofluoromethane
 Concen: 46.22 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050102.D
 Acq: 27 Jul 2018 00:21

Tgt Ion:113 Resp: 433855
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 22.1 17.8 26.6



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

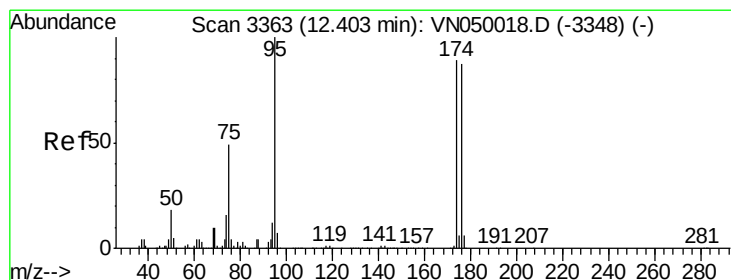
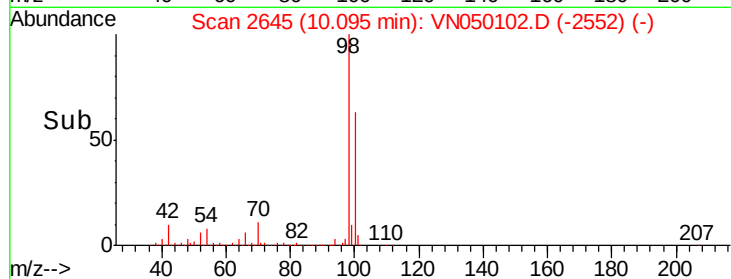
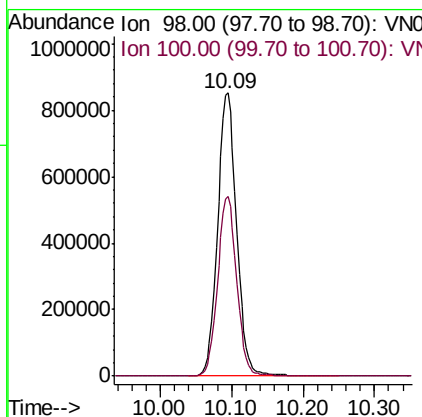
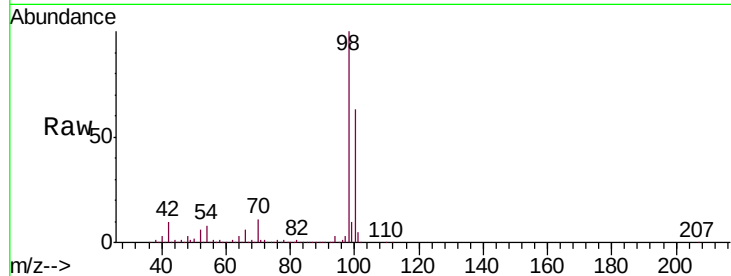




#50
Toluene-d8
Concen: 45.41 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050102.D
Acq: 27 Jul 2018 00:21

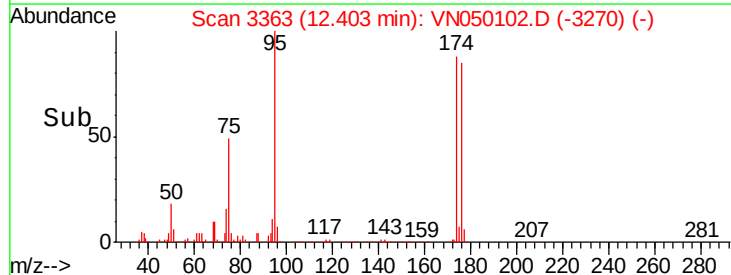
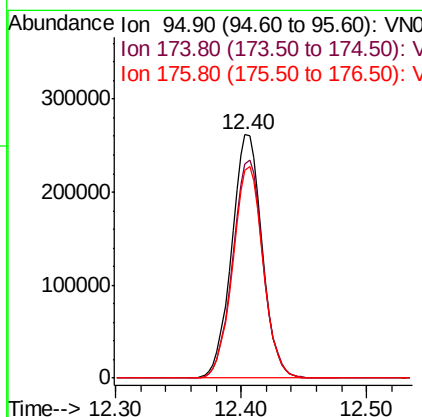
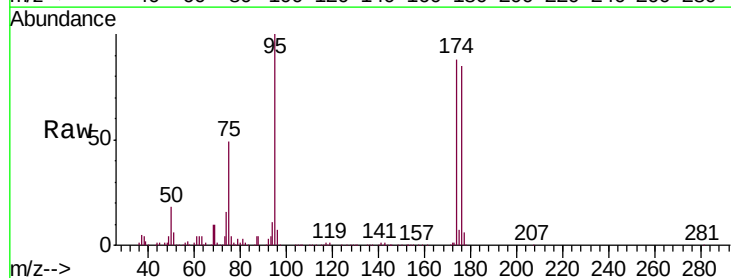
Instrument :
MSVOA_N
ClientSampleId :
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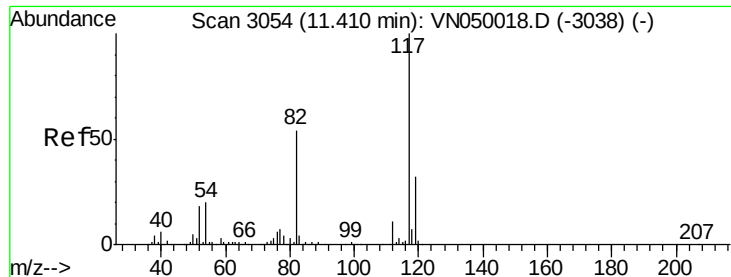
Tot Ion: 98 Resp: 1566936
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.78 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050102.D
Acq: 27 Jul 2018 00:21

Tgt Ion: 95 Resp: 440607
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 86.4 0.0 173.4

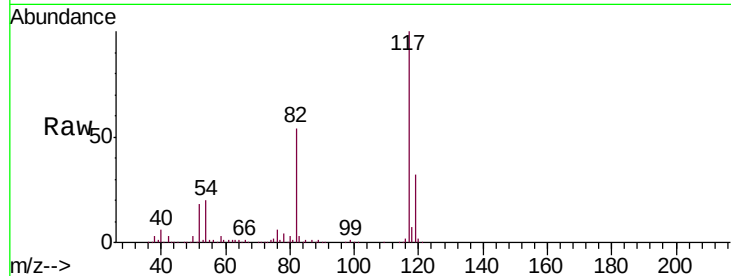




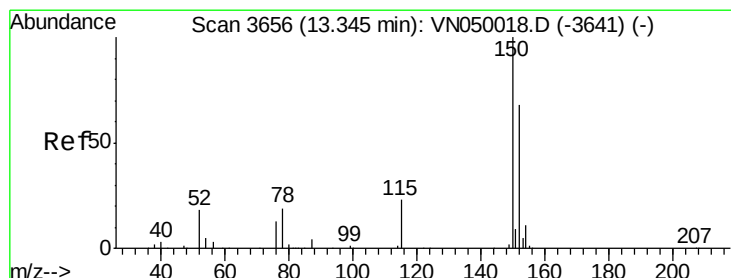
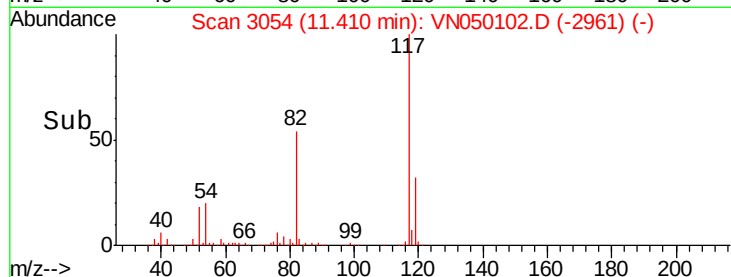
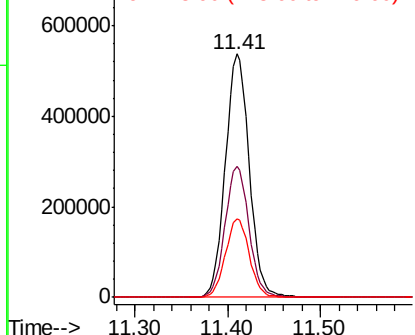
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050102.D
Acq: 27 Jul 2018 00:21

Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:117 Resp: 960887
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.3 26.1 39.1

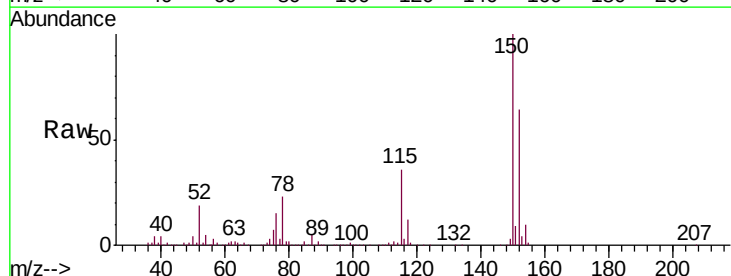


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050102.D
Acq: 27 Jul 2018 00:21

Tgt Ion:152 Resp: 349207
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 157.1 0.0 348.6



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

