

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050195.D
 Acq On : 30 Jul 2018 18:27
 Operator : MD\SY
 Sample : J4221-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A29

Quant Time: Jul 31 02:21:48 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	634129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447371	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.59	113	397760	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.09	98	1417854	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.40	95	381953	37.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.28%	

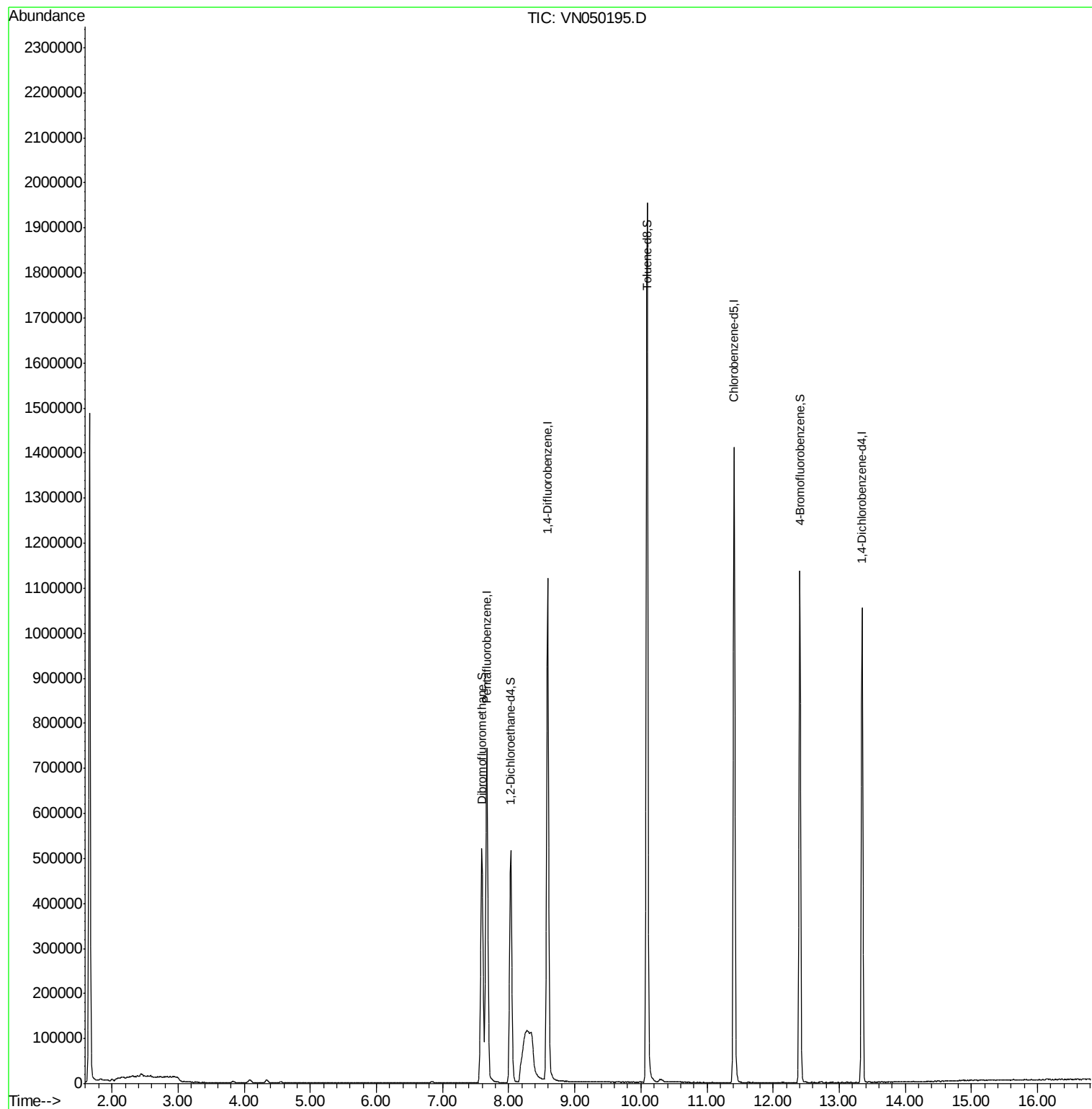
Target Compounds	Qvalue

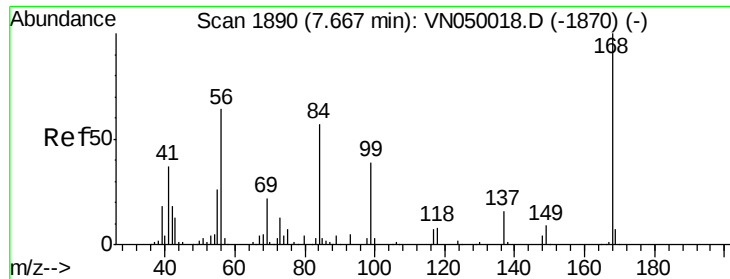
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050195.D

Acq: 30 Jul 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

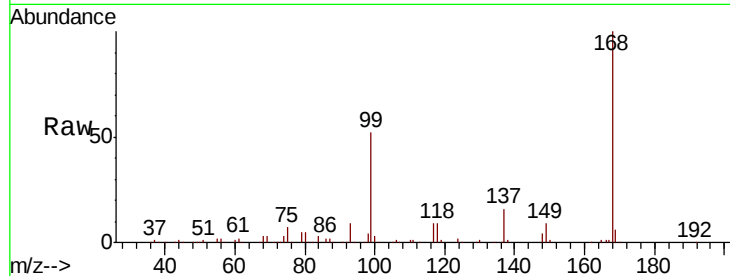
MW-A29

Tot Ion:168 Resp: 634129

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

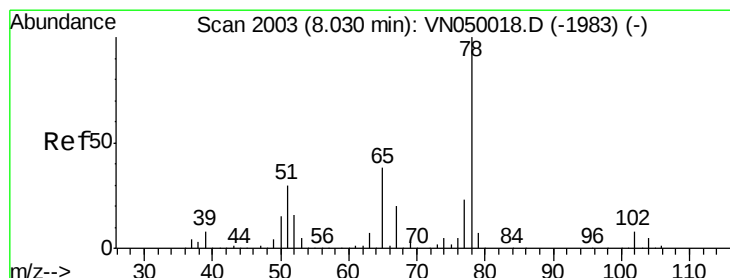
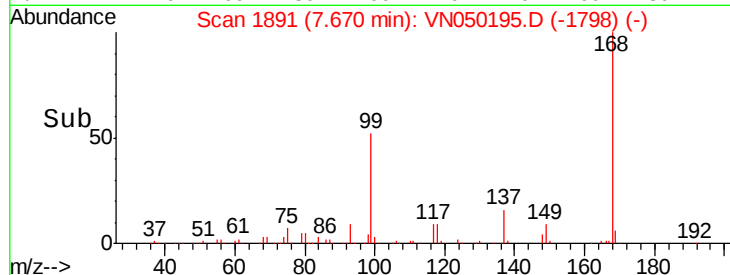
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.56 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050195.D

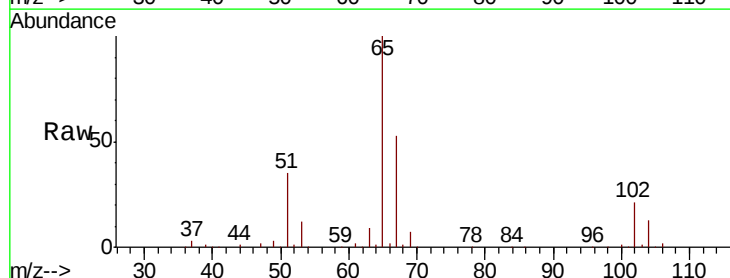
Acq: 30 Jul 2018 18:27

Tgt Ion: 65 Resp: 447371

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

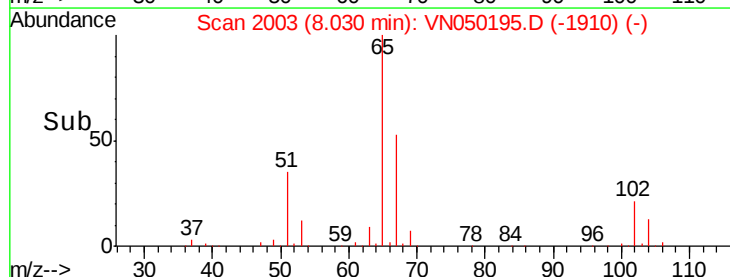
150000

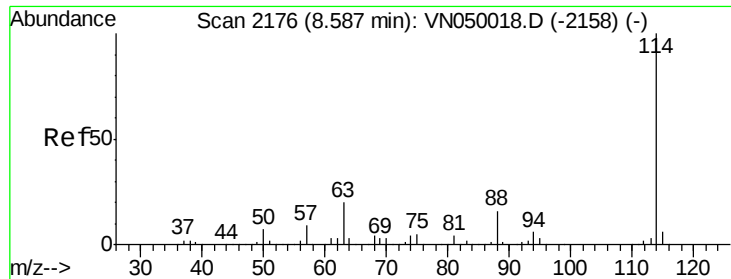
100000

50000

0

Time-->

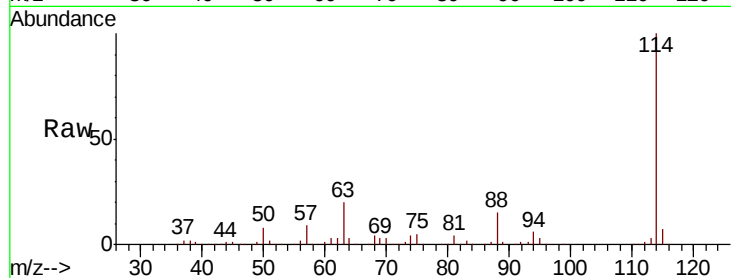




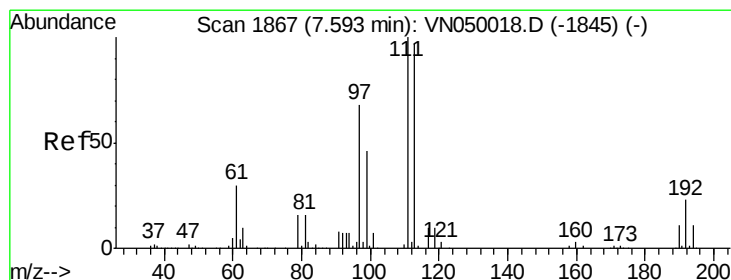
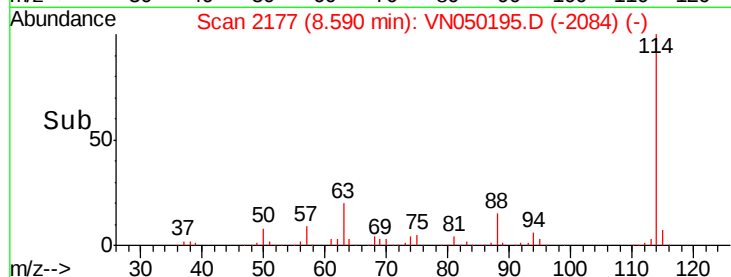
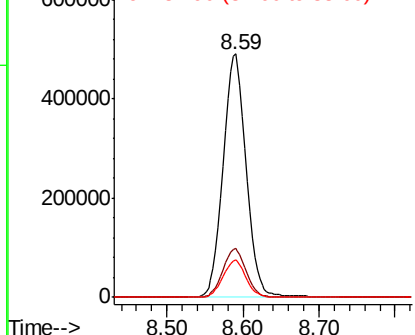
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050195.D
 Acq: 30 Jul 2018 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A29

Tot Ion:114 Resp: 1040482
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2

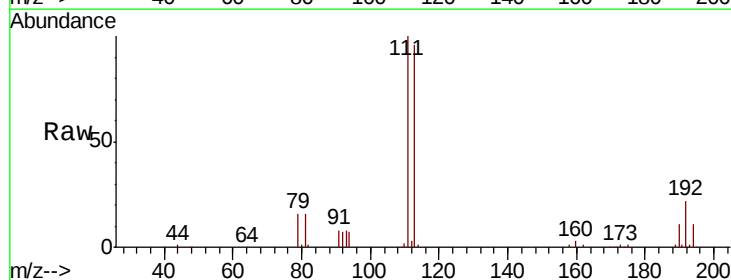


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

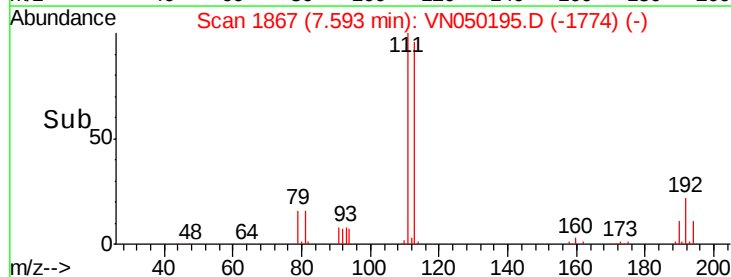
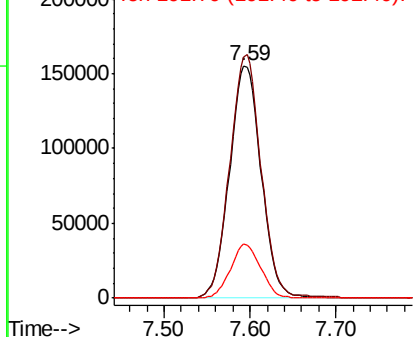


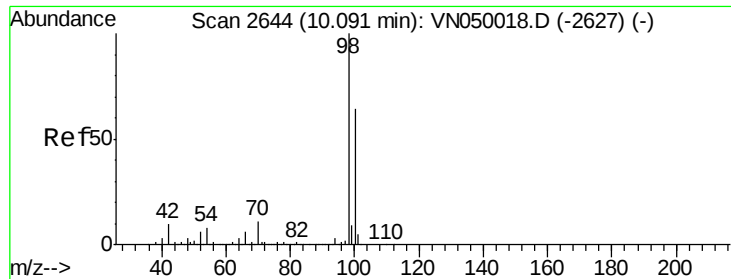
#35
 Dibromofluoromethane
 Concen: 46.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050195.D
 Acq: 30 Jul 2018 18:27

Tgt Ion:113 Resp: 397760
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.7 121.1
 192 22.3 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: 45.40 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050195.D

Acq: 30 Jul 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

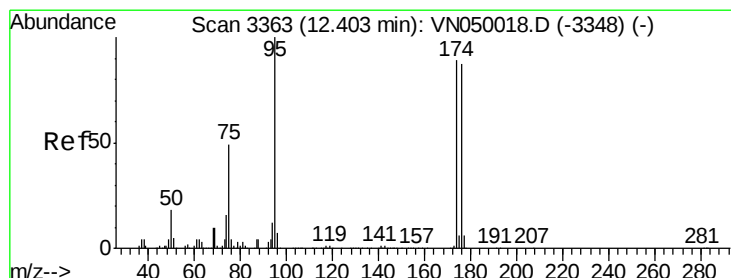
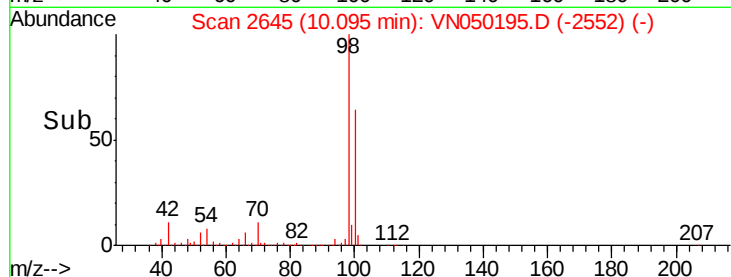
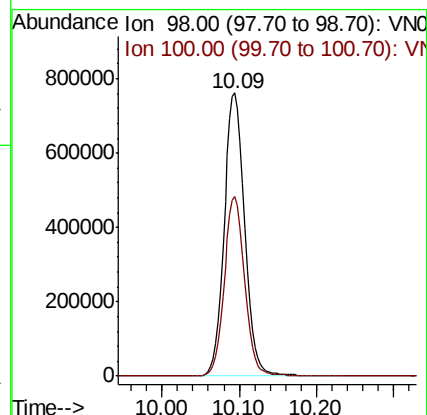
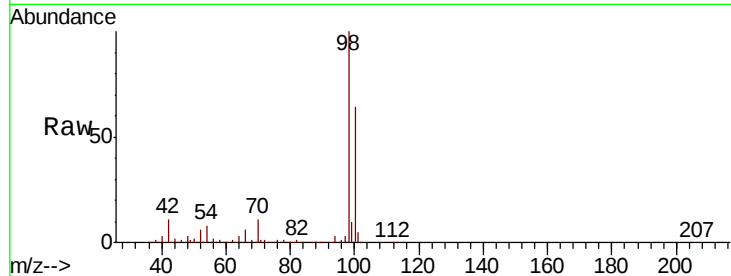
MW-A29

Tot Ion: 98 Resp: 1417854

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 37.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050195.D

Acq: 30 Jul 2018 18:27

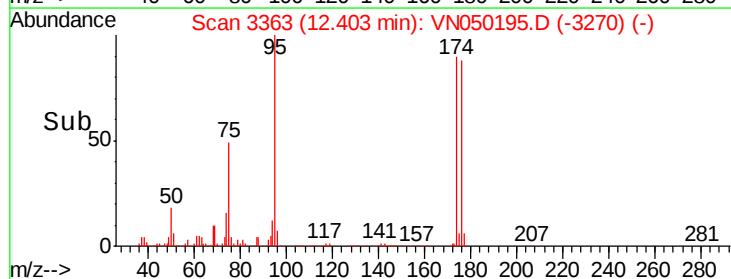
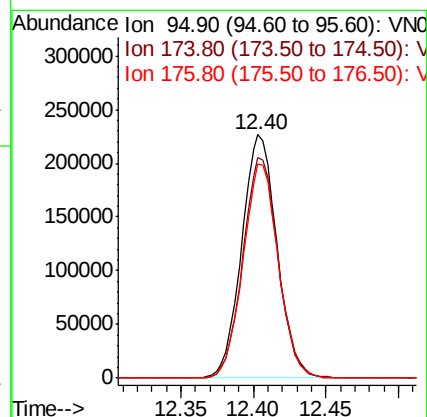
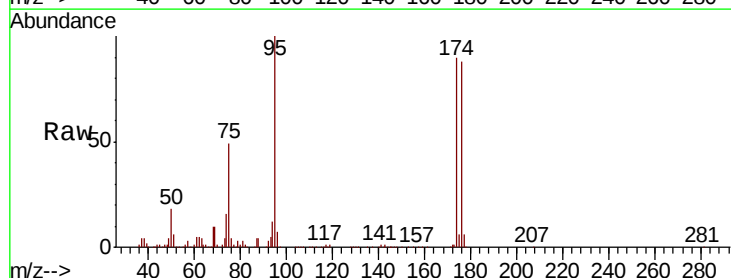
Tgt Ion: 95 Resp: 381953

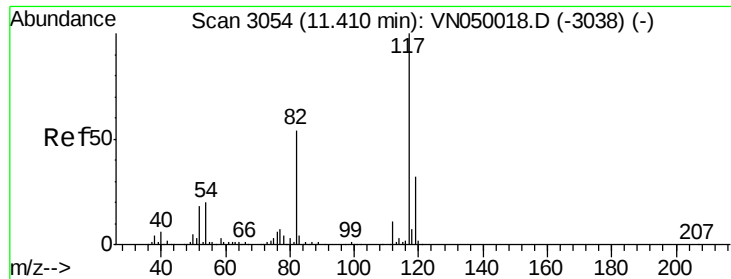
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 88.2 0.0 173.4

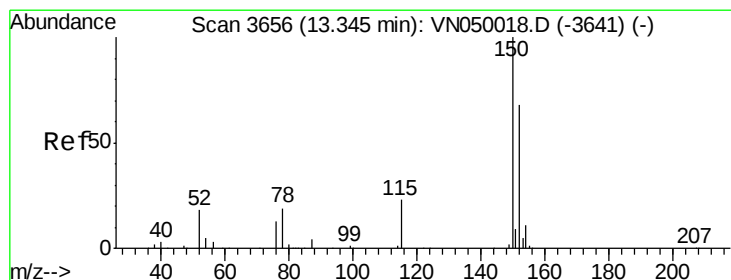
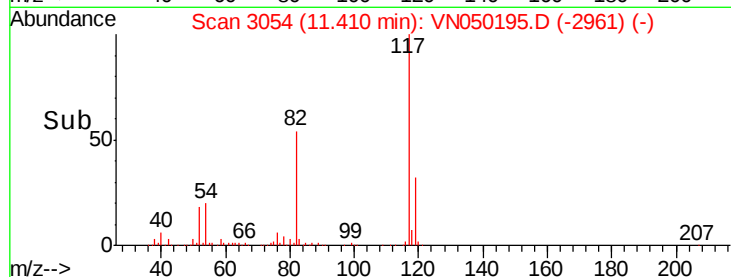
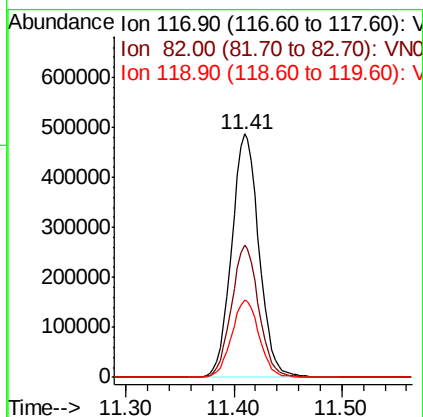
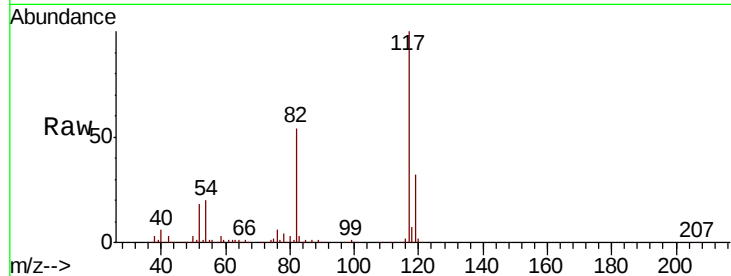




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050195.D
Acq: 30 Jul 2018 18:27

Instrument :
MSVOA_N
ClientSampled :
MW-A29

Tot Ion:117 Resp: 861111
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050195.D
Acq: 30 Jul 2018 18:27

Tgt Ion:152 Resp: 300622
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.3
150 157.9 0.0 348.6

