

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050690.D
 Acq On : 16 Aug 2018 9:41
 Operator : MD\SY
 Sample : VN0816WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBL01

Quant Time: Aug 17 03:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273451	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	429371	53.37	ug/l	0.00
Spiked Amount						
			Recovery	=	106.74%	
35) Dibromofluoromethane	7.59	113	405537	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	
50) Toluene-d8	10.09	98	1447279	47.25	ug/l	0.00
Spiked Amount						
			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.40	95	364690	36.04	ug/l	0.00
Spiked Amount						
			Recovery	=	72.08%	

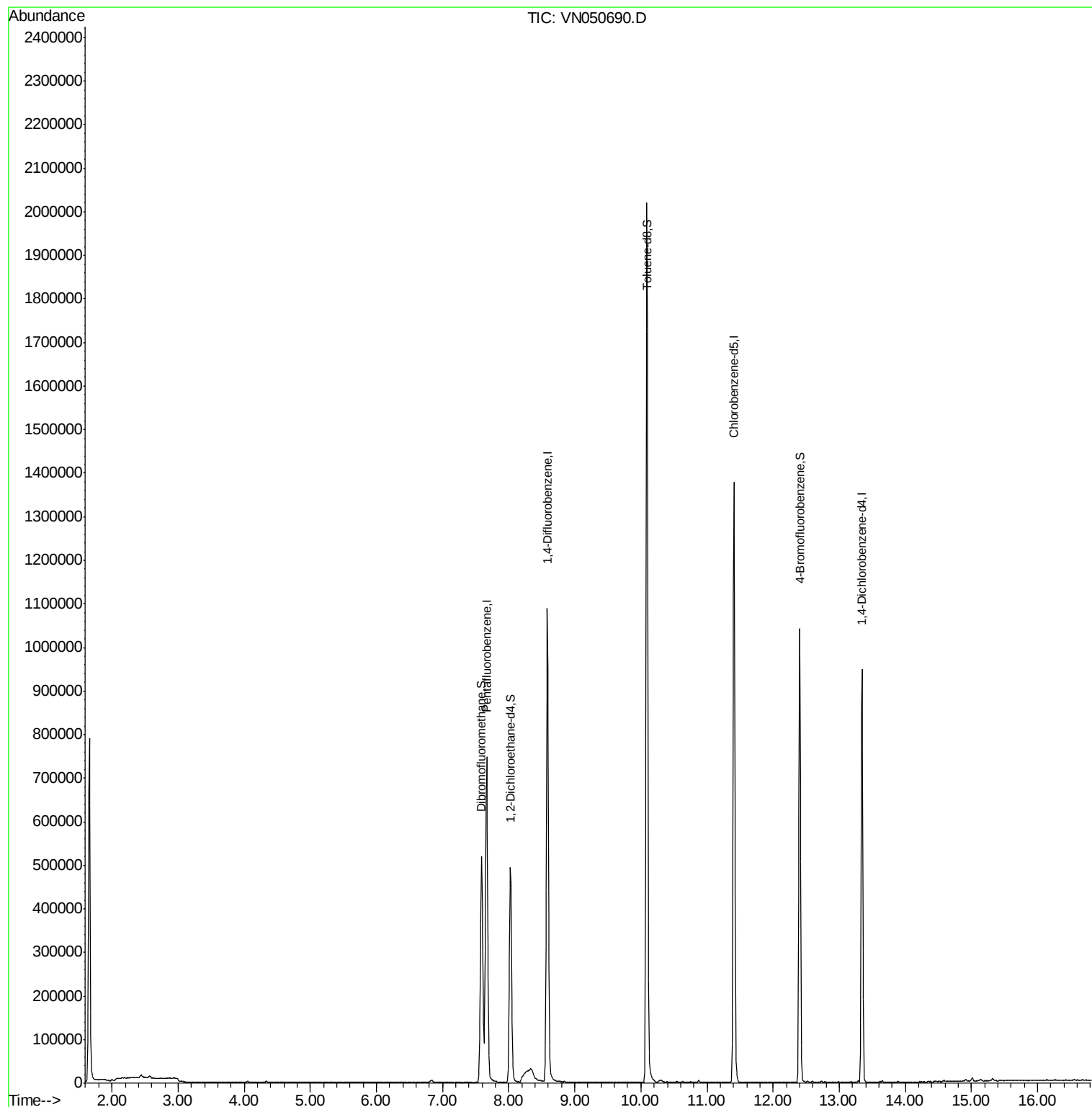
Target Compounds	Qvalue
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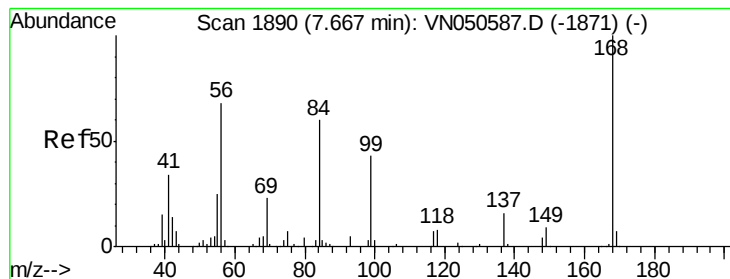
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050690.D

Acq: 16 Aug 2018 9:41

Instrument :

MSVOA_N

ClientSampled :

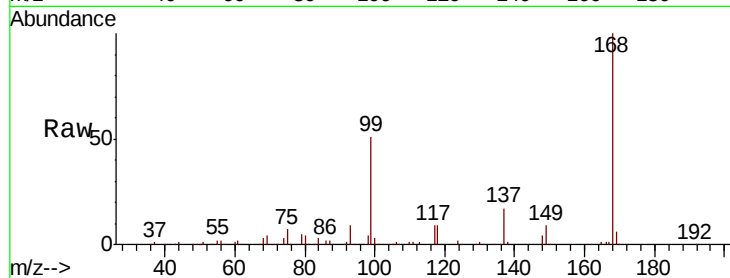
VN0816WBL01

Tot Ion:168 Resp: 638281

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

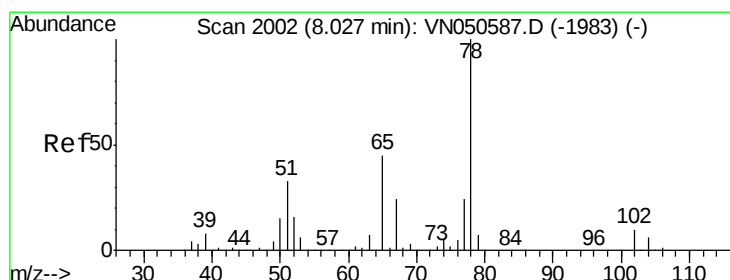
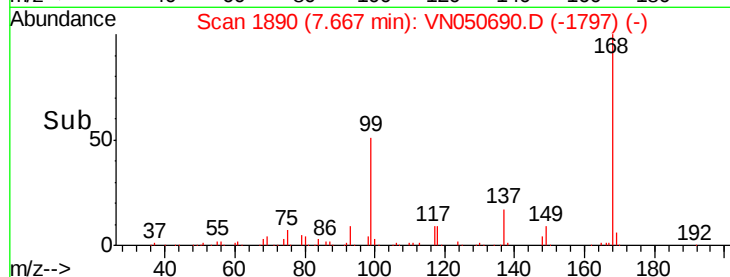
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.37 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050690.D

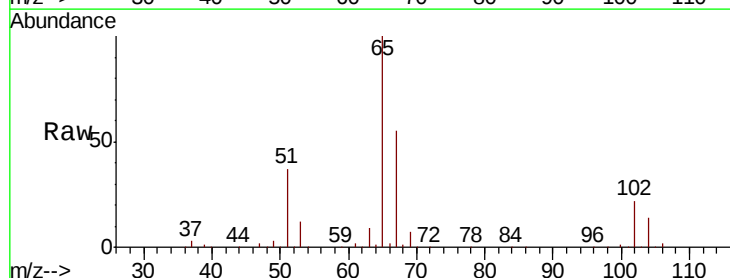
Acq: 16 Aug 2018 9:41

Tgt Ion: 65 Resp: 429371

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

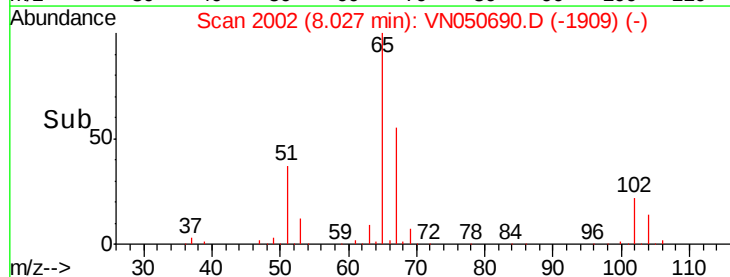
150000

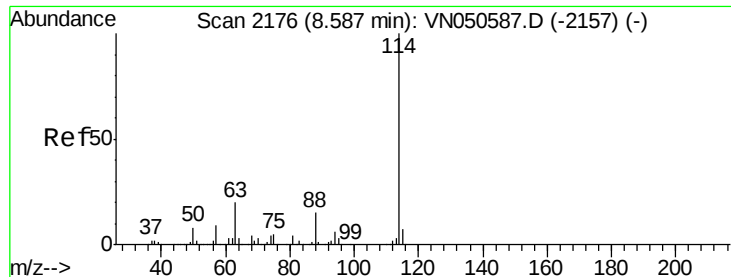
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050690.D

Acq: 16 Aug 2018 9:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBL01

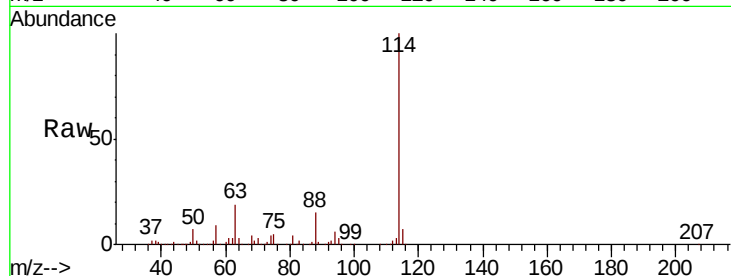
Tot Ion:114 Resp: 1019377

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.2 0.0 30.8



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

8.59

600000

500000

400000

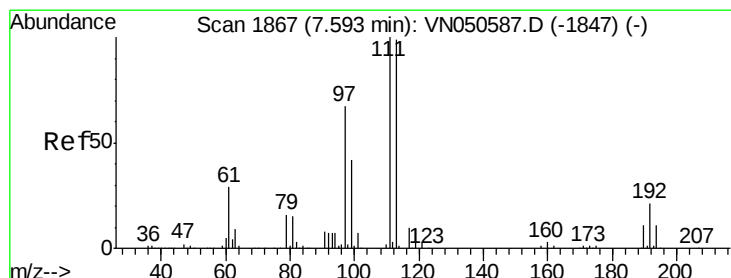
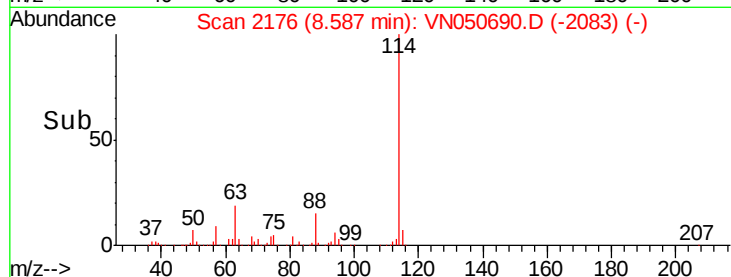
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 49.83 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050690.D

Acq: 16 Aug 2018 9:41

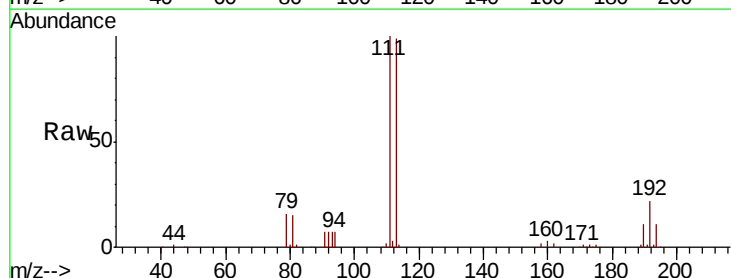
Tgt Ion:113 Resp: 405537

Ion Ratio Lower Upper

113 100

111 101.0 81.0 121.6

192 22.4 17.6 26.4



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

7.59

200000

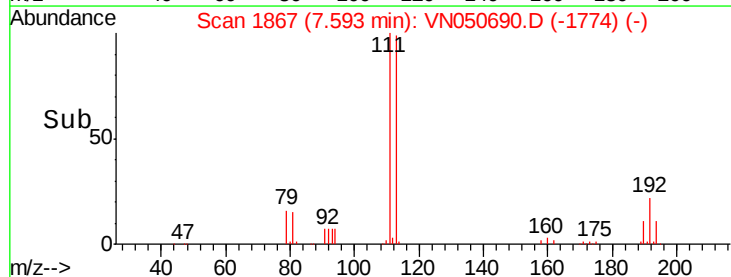
150000

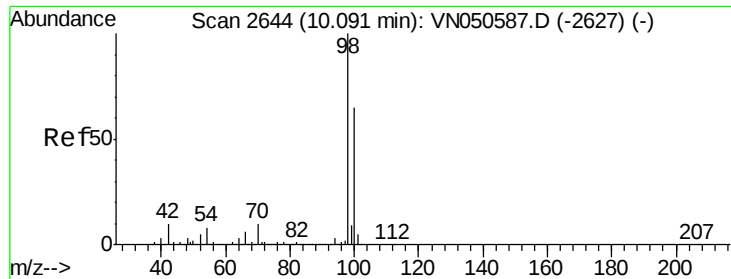
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 47.25 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050690.D

Acq: 16 Aug 2018 9:41

Instrument :

MSVOA_N

ClientSampleId :

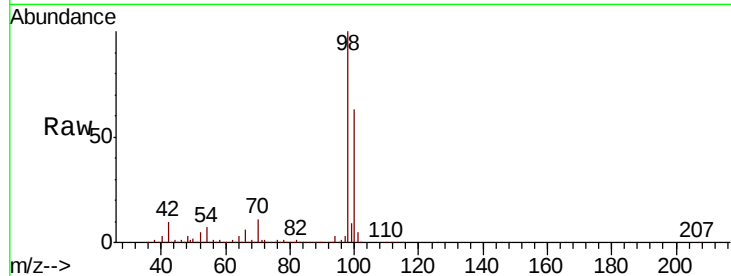
VN0816WBL01

Tot Ion: 98 Resp: 1447279

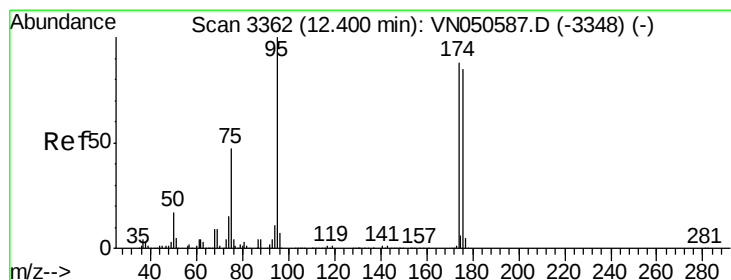
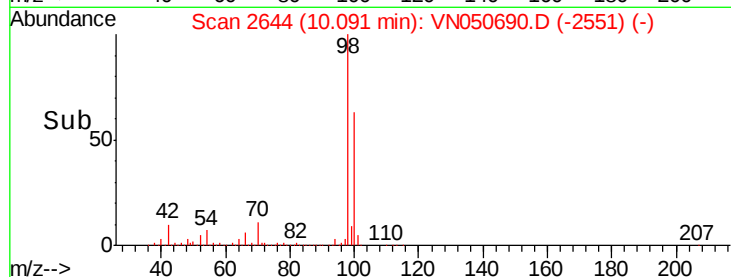
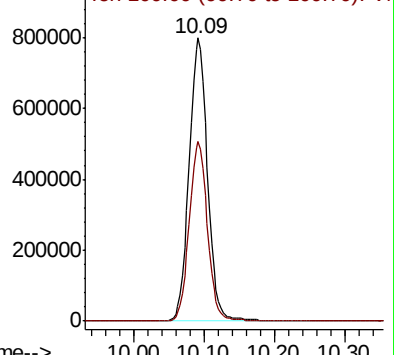
Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 36.04 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN050690.D

Acq: 16 Aug 2018 9:41

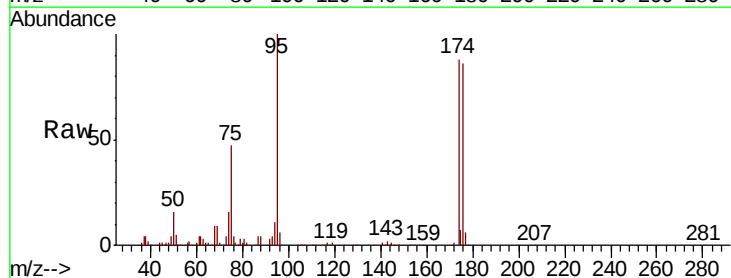
Tgt Ion: 95 Resp: 364690

Ion Ratio Lower Upper

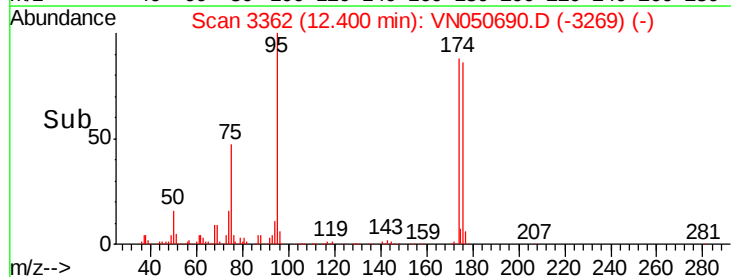
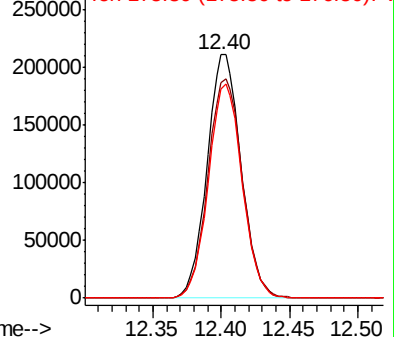
95 100

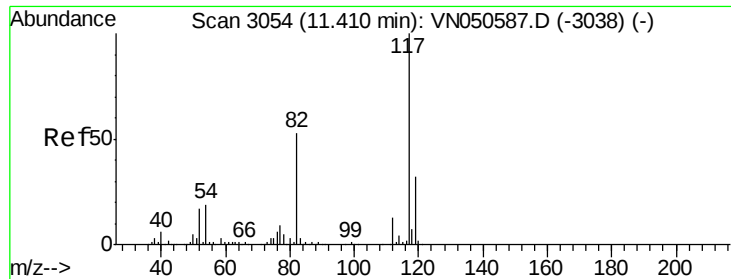
174 91.9 0.0 177.8

176 87.6 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

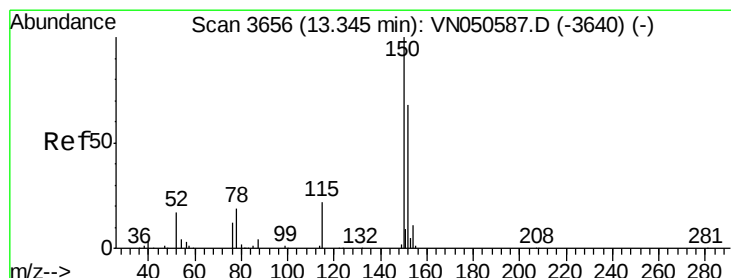
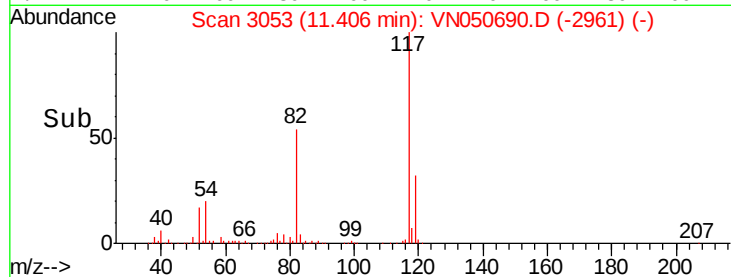
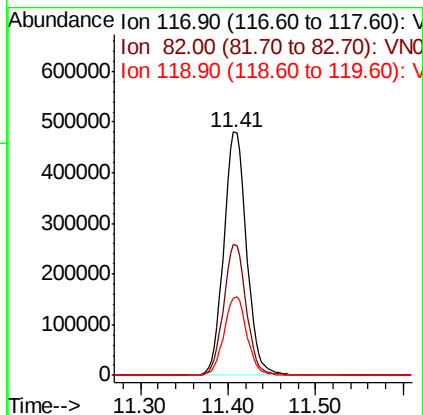
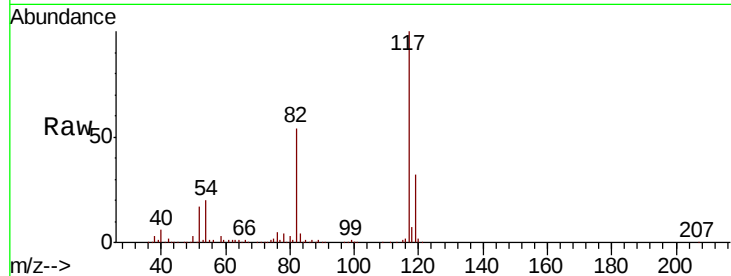




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tot Ion:117 Resp: 869648
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:152 Resp: 273451
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.6 0.0 347.8

