

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049234.D
 Acq On : 14 Jun 2018 17:59
 Operator : MD\SY
 Sample : J3431-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SO-2R

Quant Time: Jun 14 19:28:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1175053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1239469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	363092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427890	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
35) Dibromofluoromethane	7.59	113	381821	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	
50) Toluene-d8	10.09	98	1464141	38.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.40%	
62) 4-Bromofluorobenzene	12.41	95	495261	39.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.88%	

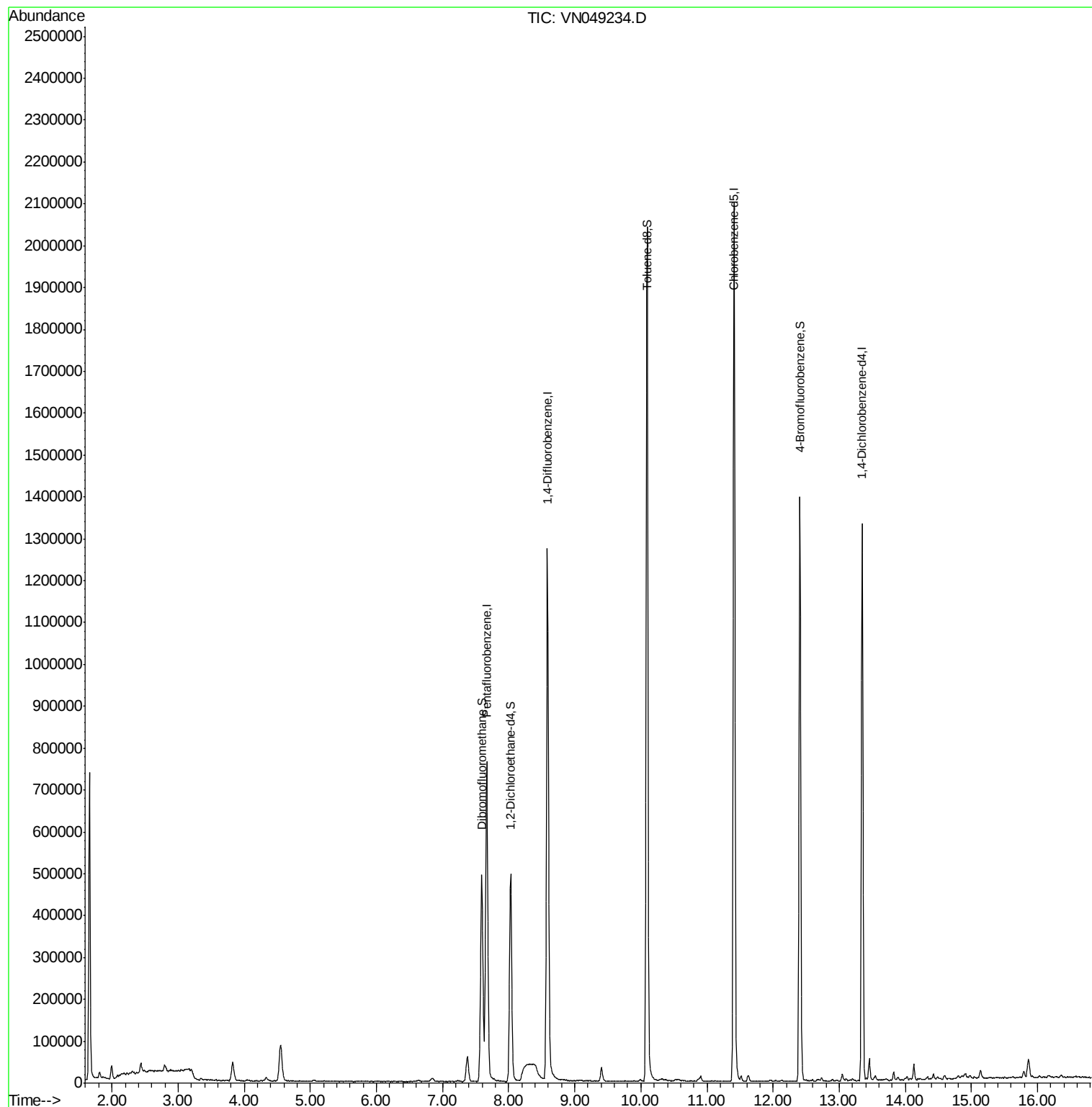
Target Compounds	Qvalue

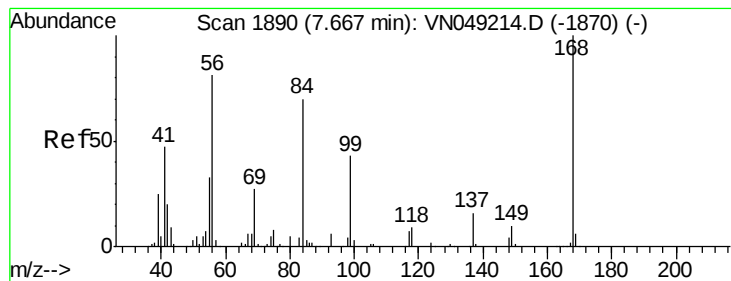
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049234.D

Acq: 14 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

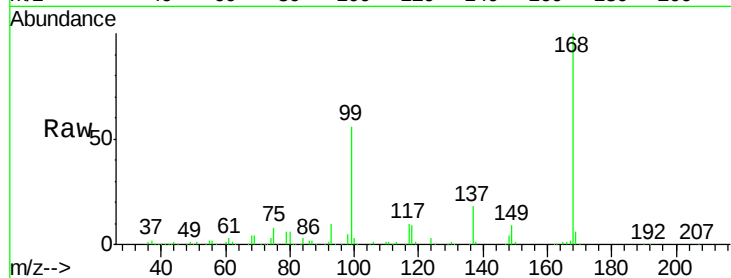
SO-2R

Tot Ion:168 Resp: 613554

Ion Ratio Lower Upper

168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

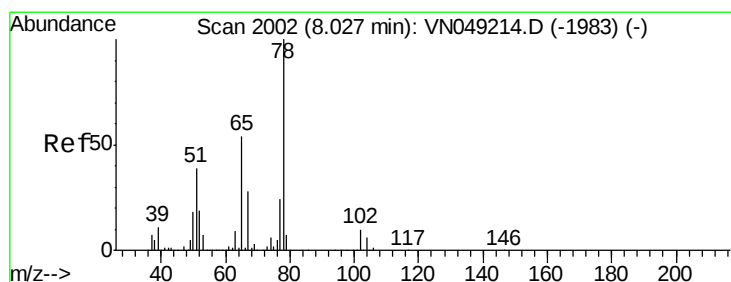
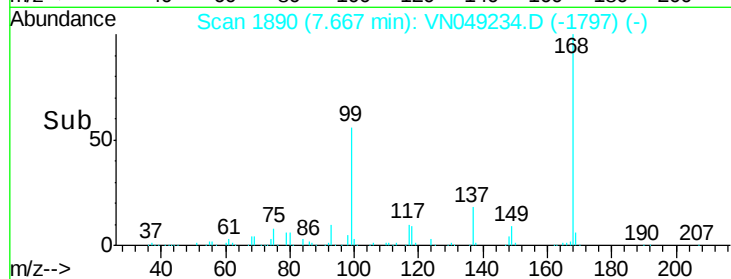
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.191 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049234.D

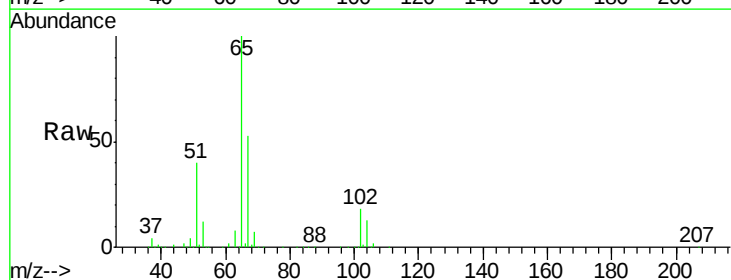
Acq: 14 Jun 2018 17:59

Tgt Ion: 65 Resp: 427890

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

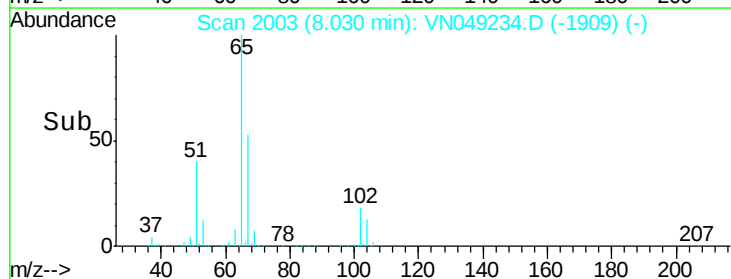
150000

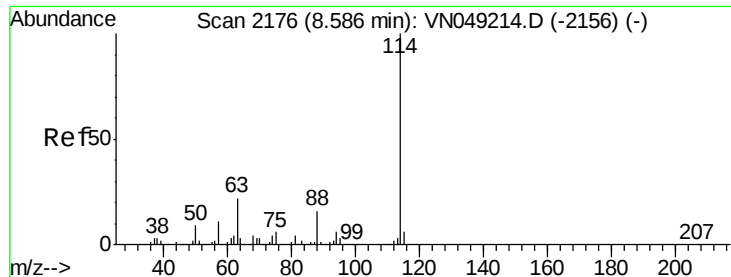
100000

50000

0

Time-->

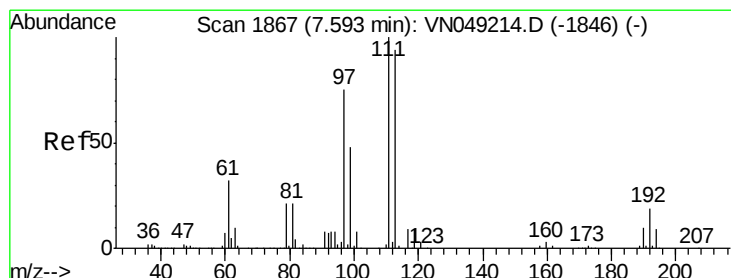
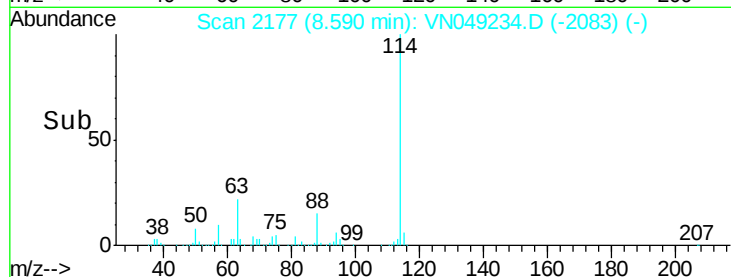
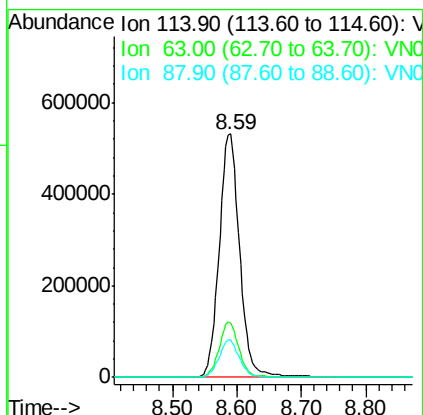
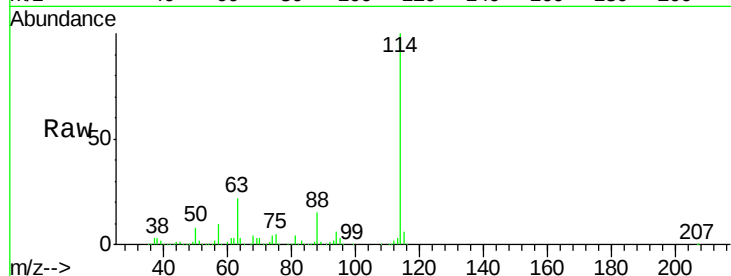




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049234.D
 Acq: 14 Jun 2018 17:59

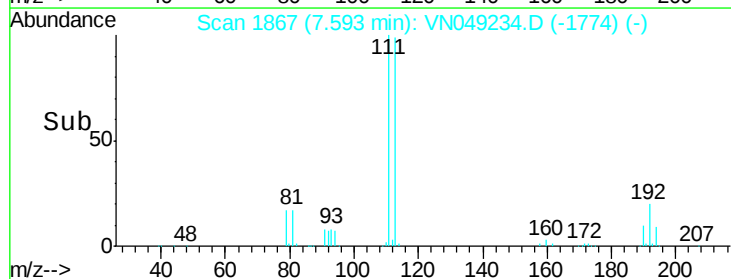
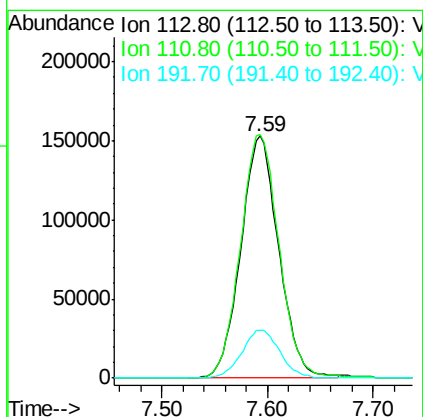
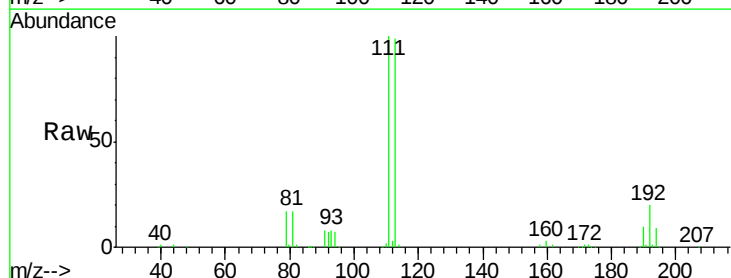
Instrument :
 MSVOA_N
 ClientSampleId :
 SO-2R

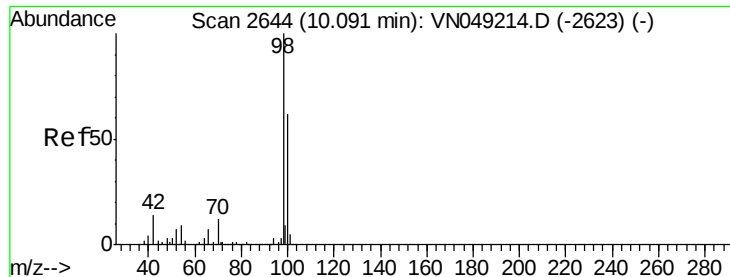
Tot Ion:114 Resp: 1175053
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.4
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 39.259 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049234.D
 Acq: 14 Jun 2018 17:59

Tgt Ion:113 Resp: 381821
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 20.0 15.0 22.6





#50

Toluene-d8

Concen: 38.698 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049234.D

Acq: 14 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

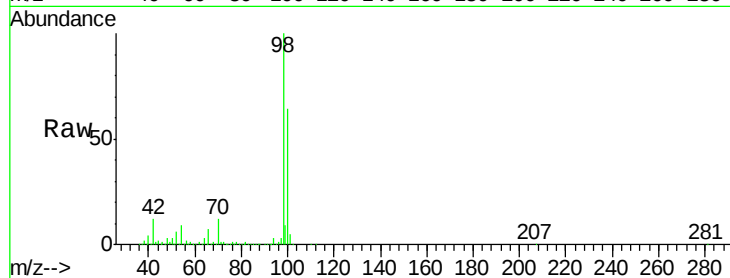
SO-2R

Tot Ion: 98 Resp: 1464141

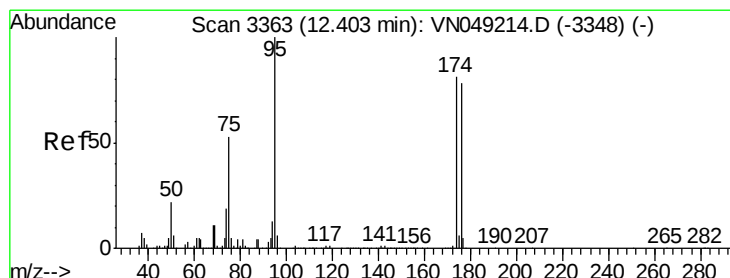
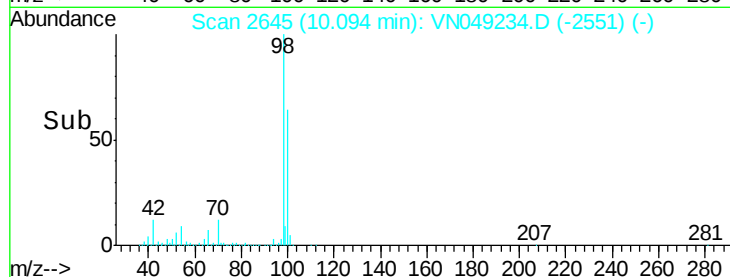
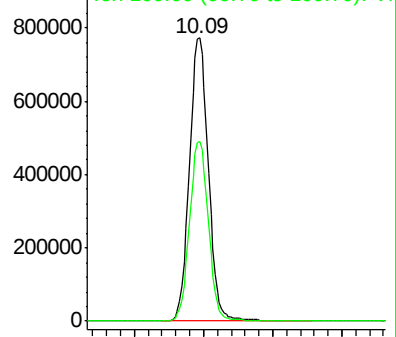
Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049214.D (-2623) (-)



#62

4-Bromofluorobenzene

Concen: 39.441 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049234.D

Acq: 14 Jun 2018 17:59

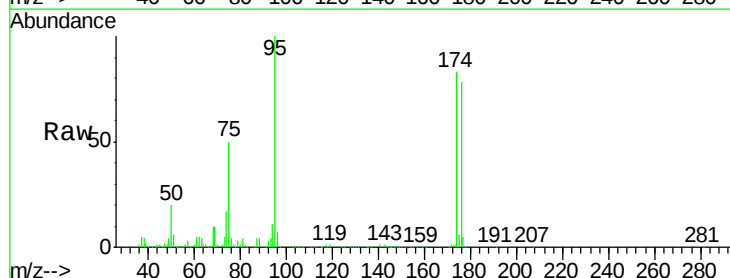
Tgt Ion: 95 Resp: 495261

Ion Ratio Lower Upper

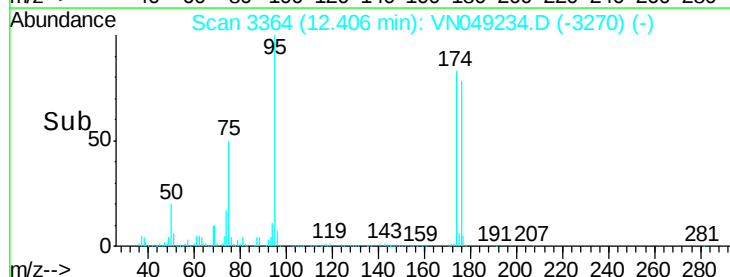
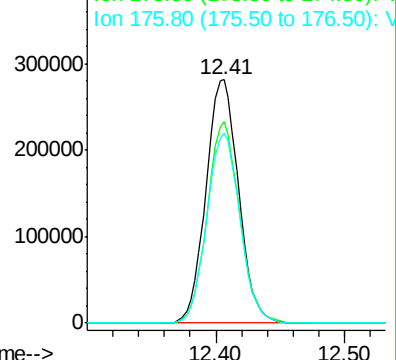
95 100

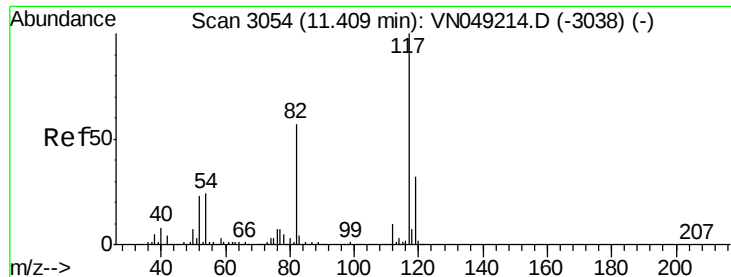
174 82.2 0.0 165.6

176 79.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049214.D (-3348) (-)

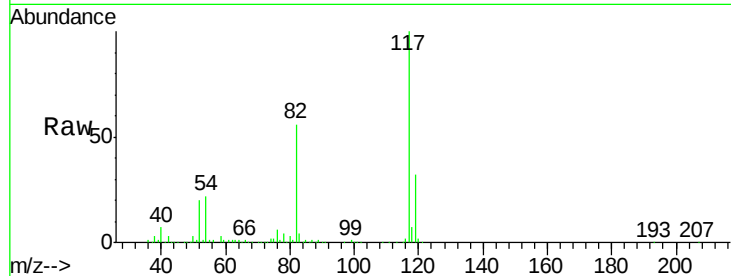




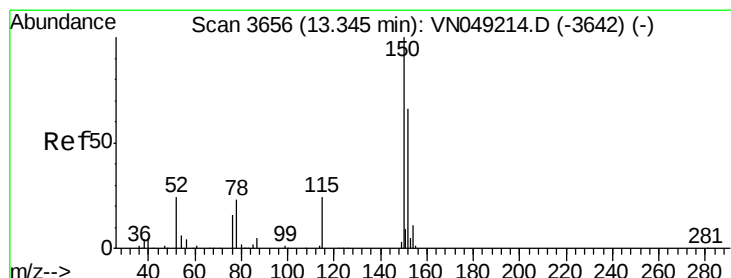
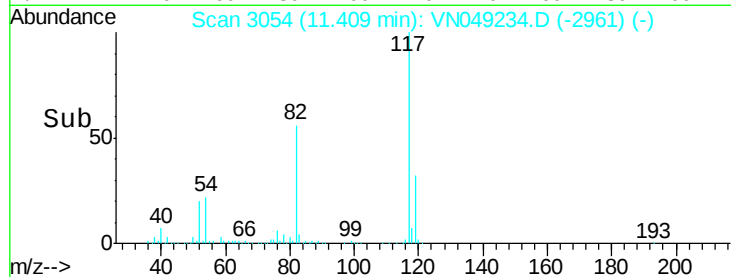
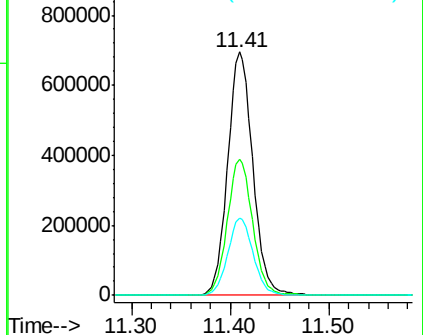
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049234.D
Acq: 14 Jun 2018 17:59

Instrument :
MSVOA_N
ClientSampleId :
SO-2R

Tot Ion:117 Resp: 1239469
Ion Ratio Lower Upper
117 100
82 55.9 45.9 68.9
119 31.8 25.5 38.3

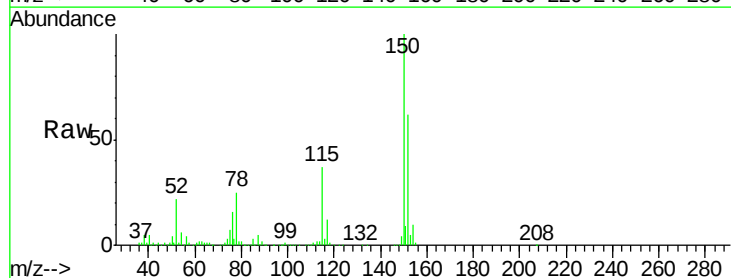


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049234.D
Acq: 14 Jun 2018 17:59

Tgt Ion:152 Resp: 363092
Ion Ratio Lower Upper
152 100
115 58.3 28.7 86.1
150 159.0 0.0 351.0



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

