

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010219\
 Data File : VN053245.D
 Acq On : 2 Jan 2019 15:34
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jan 03 07:09:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1144870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1772837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1660057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	640502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	559753	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	7.59	113	500763	61.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.68%	
50) Toluene-d8	10.09	98	2204964	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	762420	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

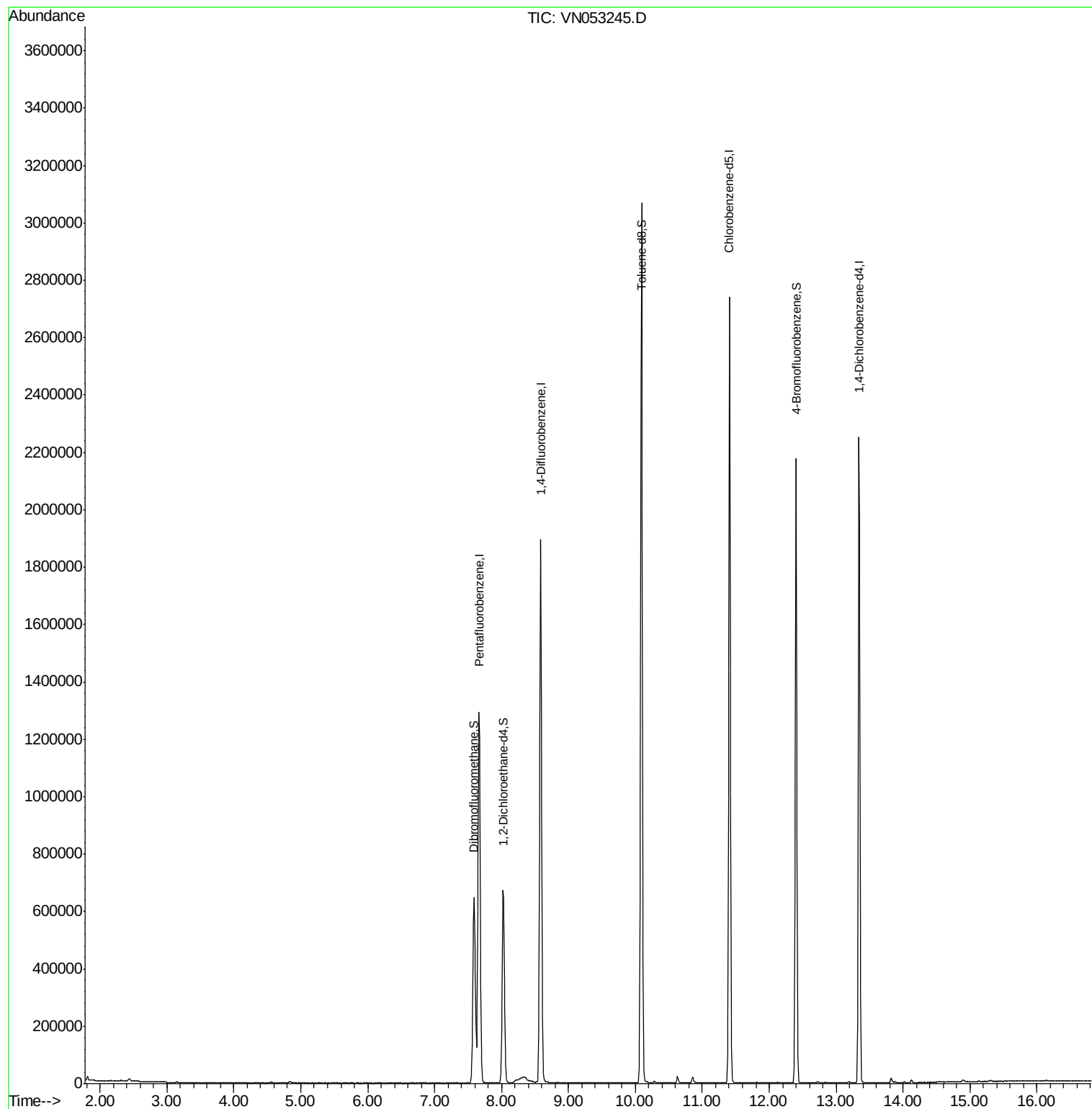
Target Compounds	Qvalue
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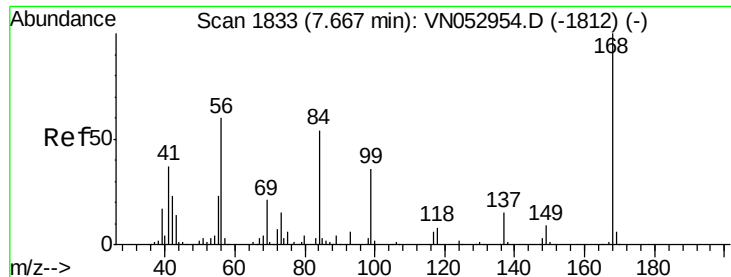
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053245.D

Acq: 2 Jan 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

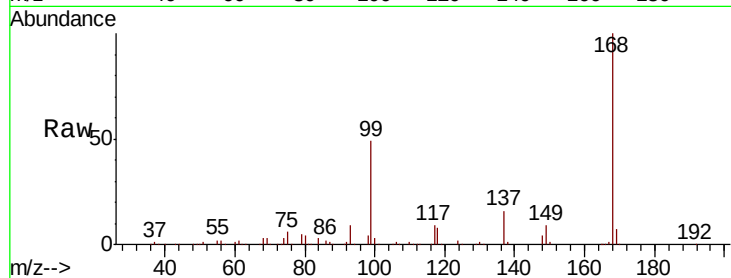
I.BLK

Tot Ion:168 Resp: 1144870

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.66

500000

400000

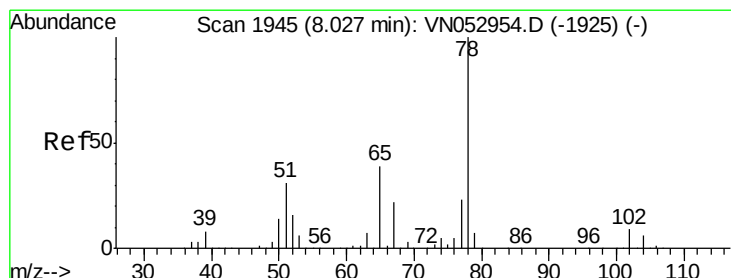
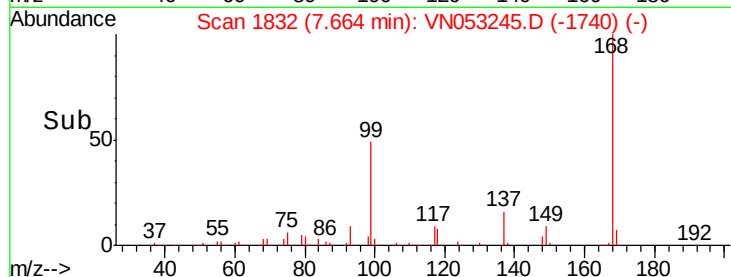
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053245.D

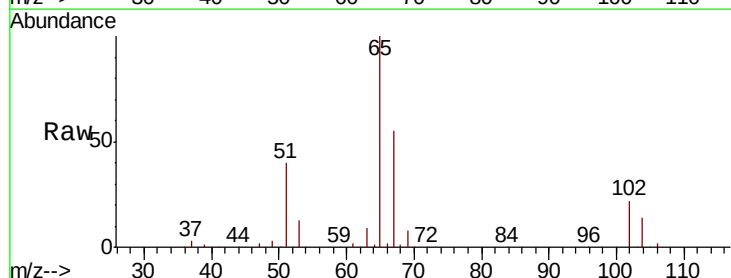
Acq: 2 Jan 2019 15:34

Tgt Ion: 65 Resp: 559753

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.02

250000

200000

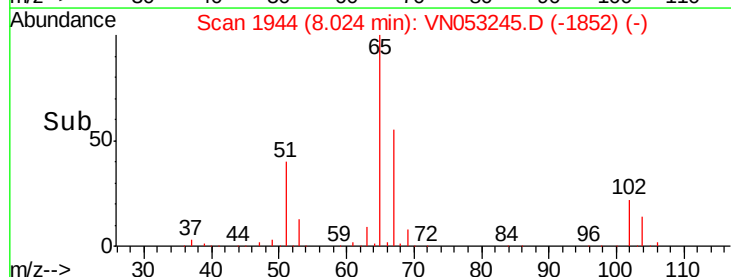
150000

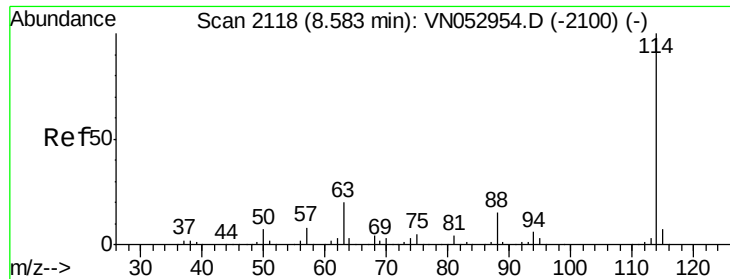
100000

50000

0

Time-->

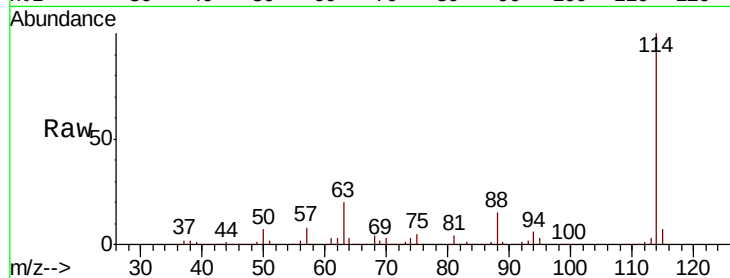




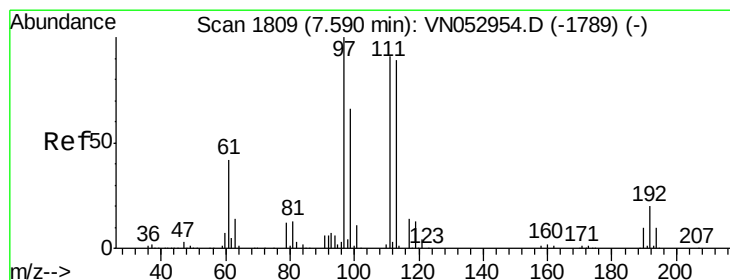
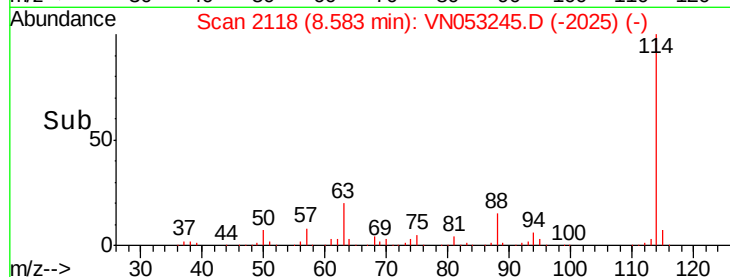
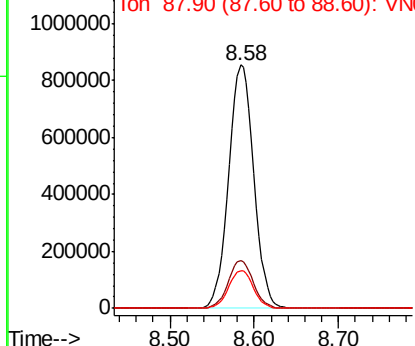
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN053245.D
 Acq: 2 Jan 2019 15:34

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

Tot Ion:114 Resp: 1772837
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 31.0

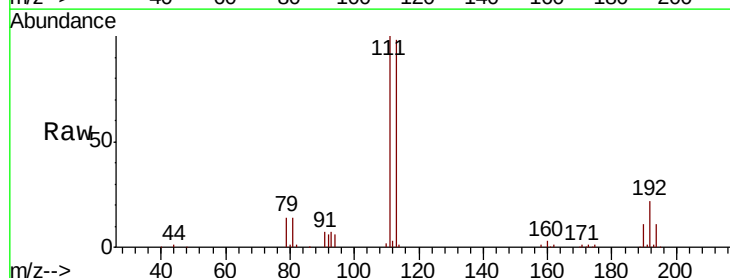


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

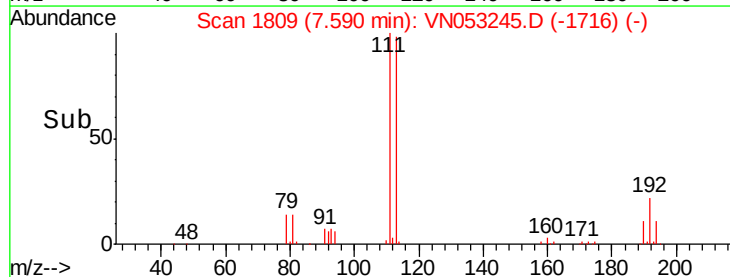
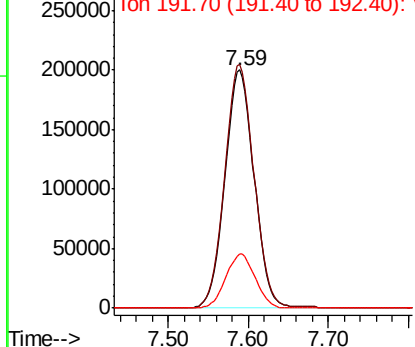


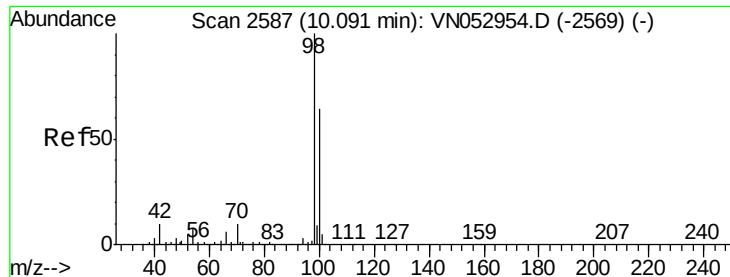
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053245.D
 Acq: 2 Jan 2019 15:34

Tgt Ion:113 Resp: 500763
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.4
 192 22.8 17.5 26.3



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: VN053245.D

Acq: 2 Jan 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

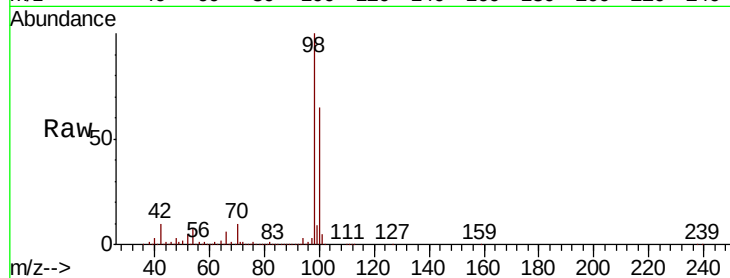
I.BLK

Tot Ion: 98 Resp: 2204964

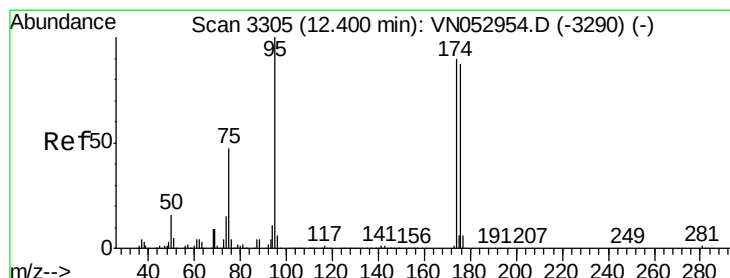
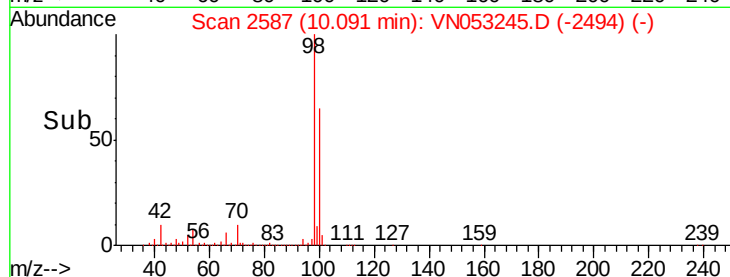
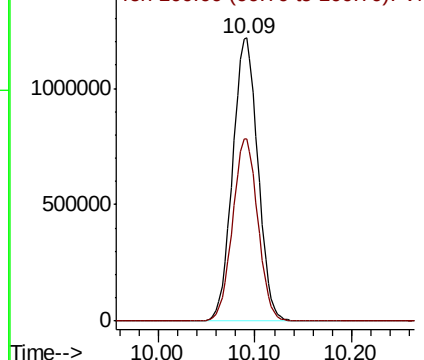
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053245.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053245.D

Acq: 2 Jan 2019 15:34

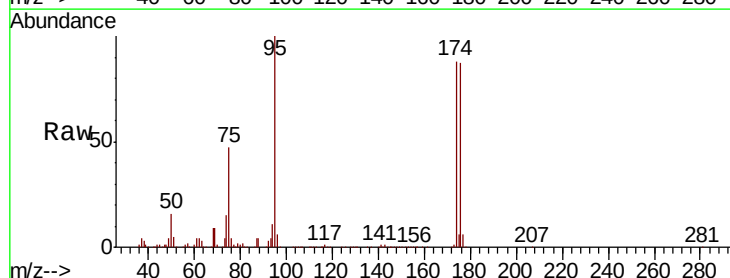
Tgt Ion: 95 Resp: 762420

Ion Ratio Lower Upper

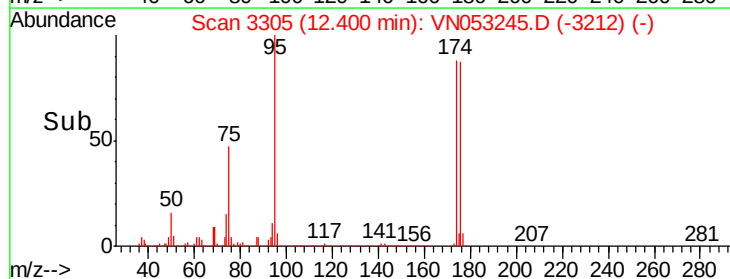
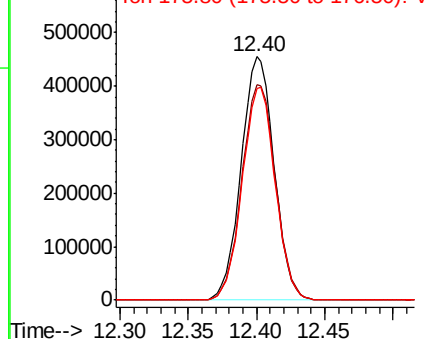
95 100

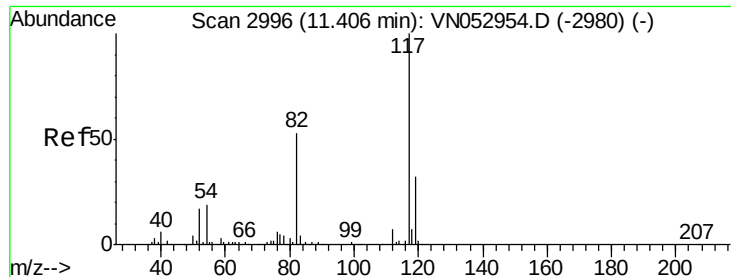
174 90.1 0.0 178.8

176 87.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053245.D (-3212) (-)

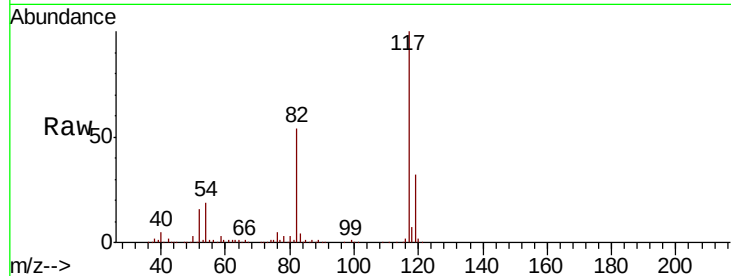




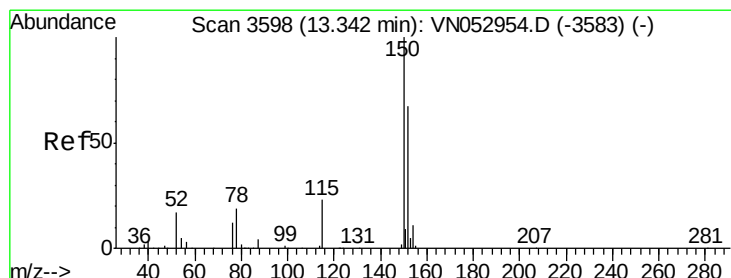
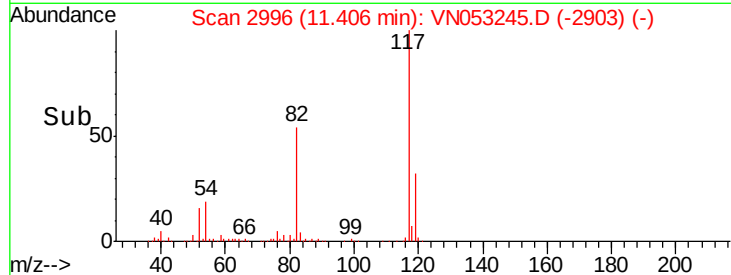
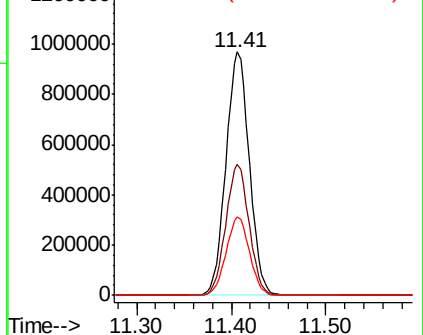
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053245.D
 Acq: 2 Jan 2019 15:34

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

Tot Ion:117 Resp: 1660057
 Ion Ratio Lower Upper
 117 100
 82 53.7 42.8 64.2
 119 32.1 25.5 38.3

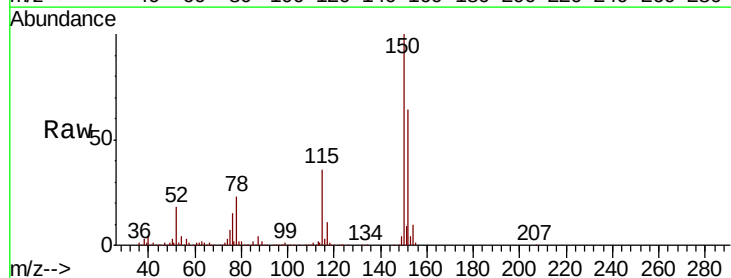


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN053245.D
 Acq: 2 Jan 2019 15:34

Tgt Ion:152 Resp: 640502
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.3 85.0
 150 156.5 0.0 347.8



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

