

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058612.D
 Acq On : 8 Oct 2019 15:49
 Operator : JC/SP
 Sample : K5234-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	2151156	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3203142	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2829805	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1066628	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1333448	5.19	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.80%
5) Dibromofluoromethane	7.57	113	1029065	5.10	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.00%
6) Toluene-d8	10.08	98	2307368	5.06	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	101.20%
7) 4-Bromofluorobenzene	12.40	95	1059282	4.74	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	94.80%

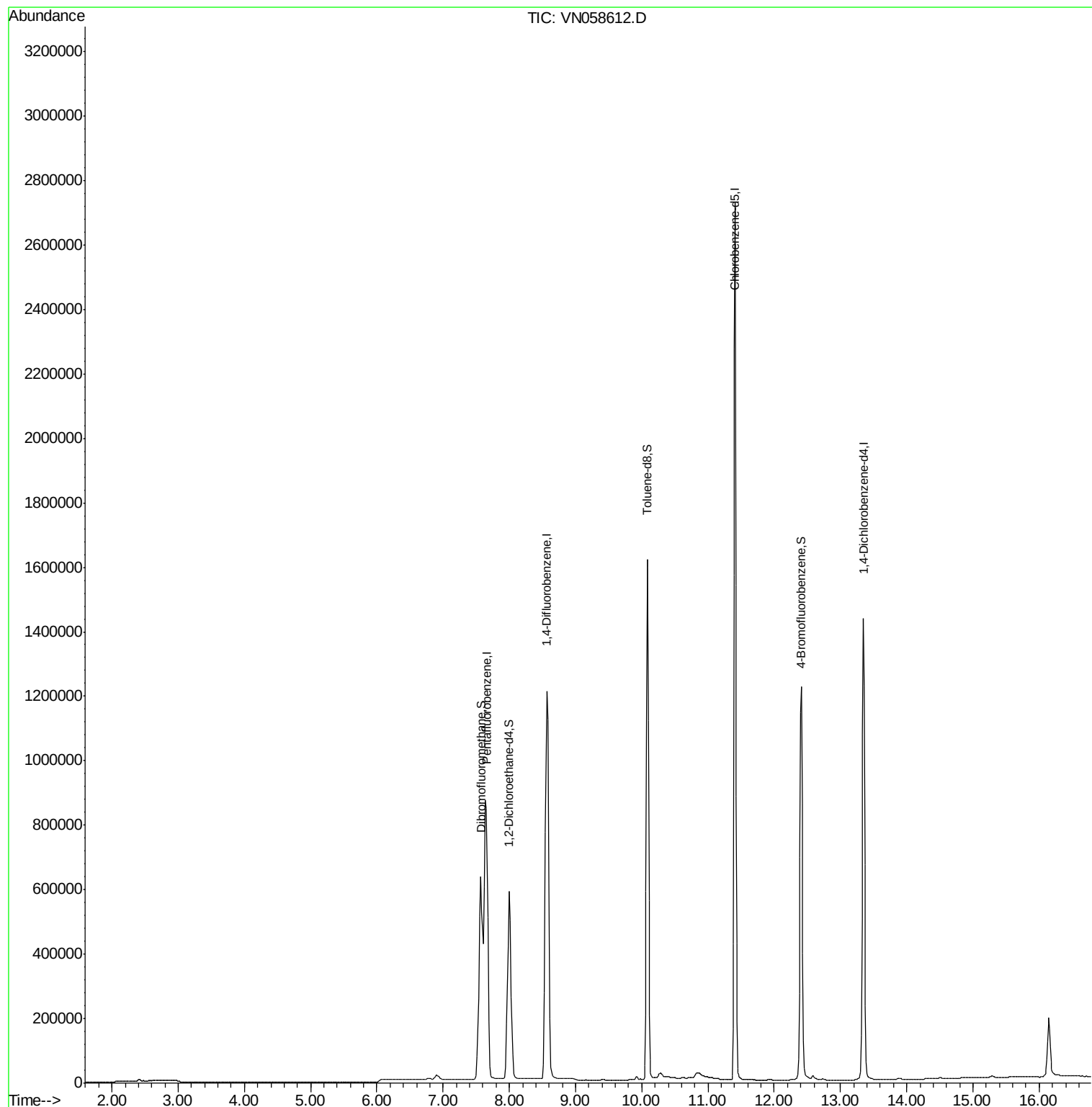
Target Compounds	Qvalue
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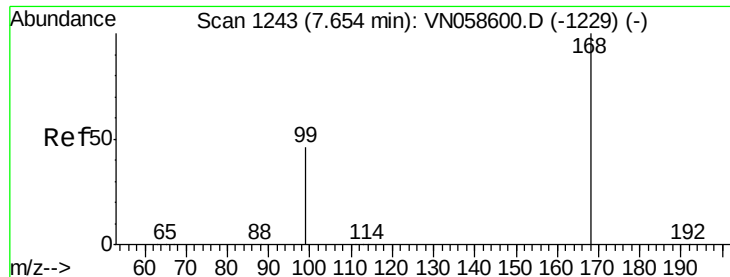
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 04:07:23 2019
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

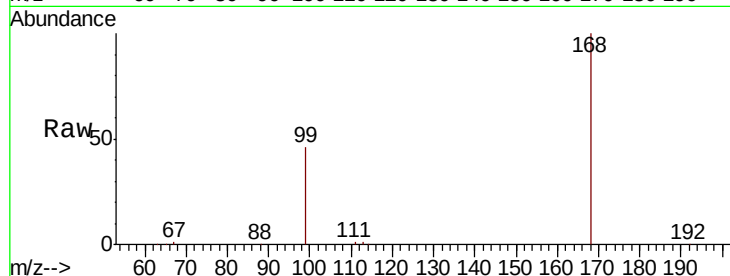
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 2151156

Ion Ratio Lower Upper

168 100

99 46.4 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058612.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN058612.D (-1226) (-)

7.65

600000

500000

400000

300000

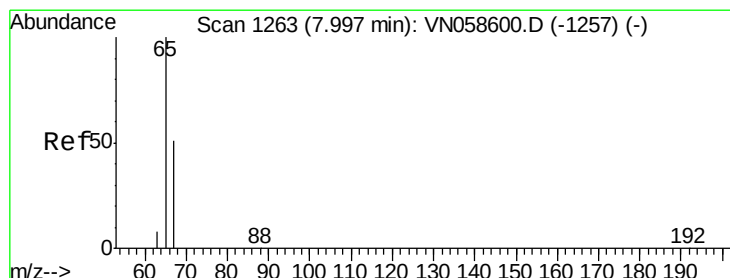
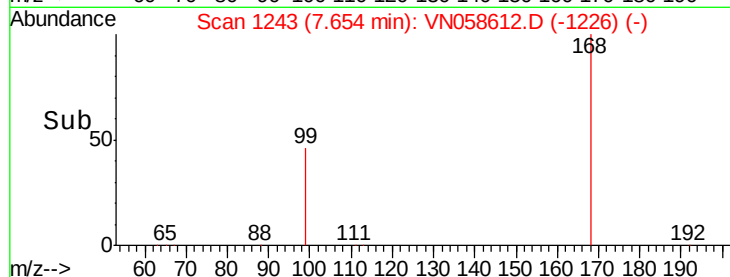
200000

100000

0

7.40 7.60 7.80 8.00

Time-->



#3

1,2-Dichloroethane-d4

Concen: 5.188 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058612.D

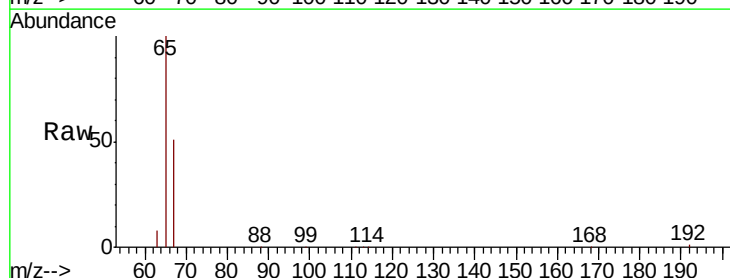
Acq: 8 Oct 2019 15:49

Tgt Ion: 65 Resp: 1333448

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058612.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058612.D (-1246) (-)

8.00

400000

300000

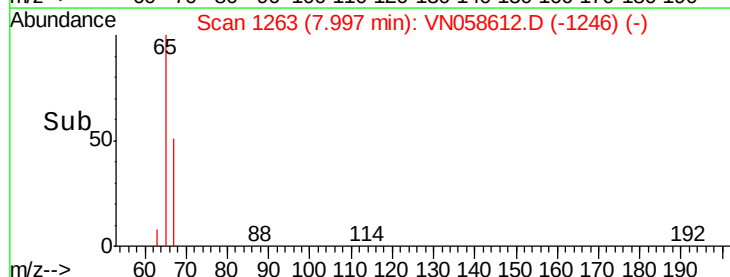
200000

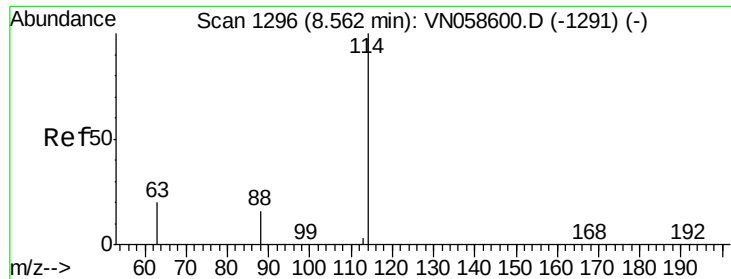
100000

0

7.80 8.00 8.20

Time-->





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampled :

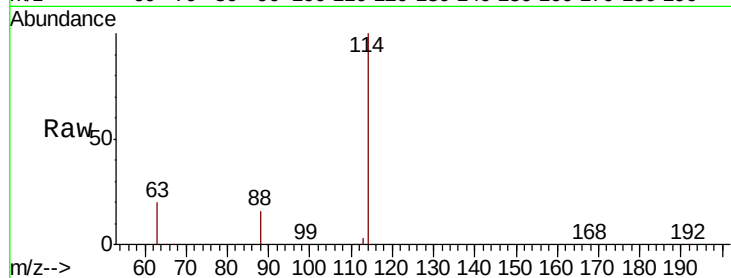
Tot Ion:114 Resp: 3203142

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

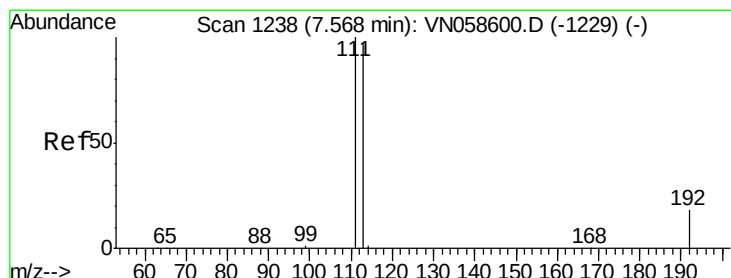
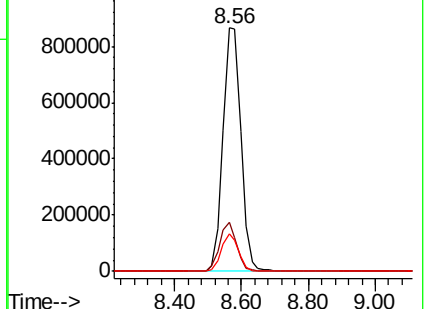
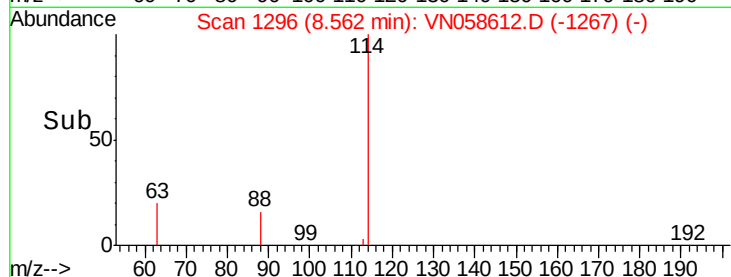
88 15.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#5

Dibromofluoromethane

Concen: 5.100 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

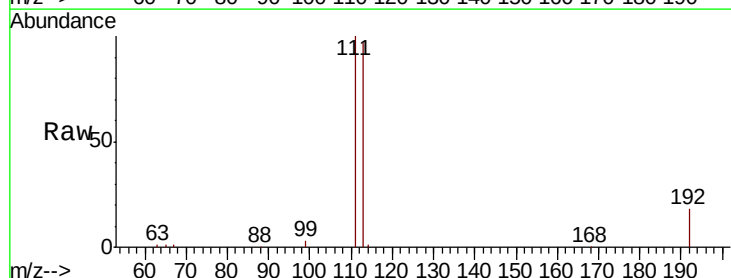
Tgt Ion:113 Resp: 1029065

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

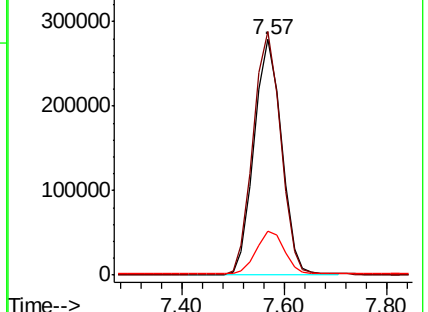
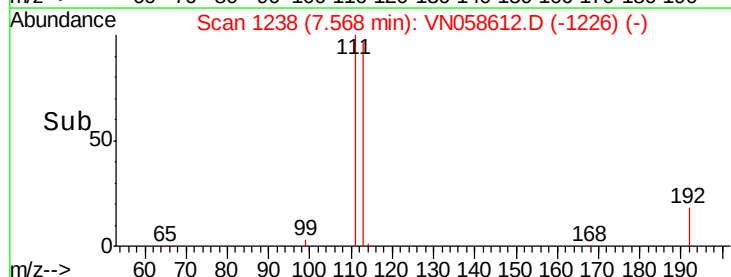
192 18.5 14.9 22.3

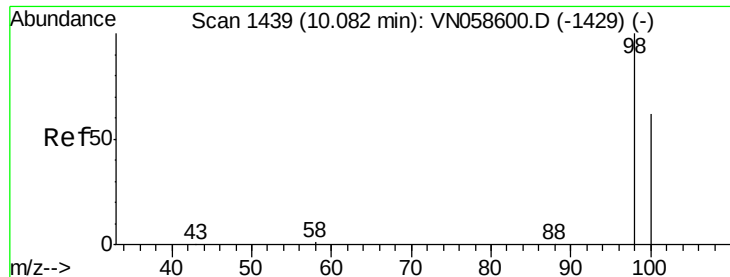


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.061 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

Instrument :

MSVOA_N

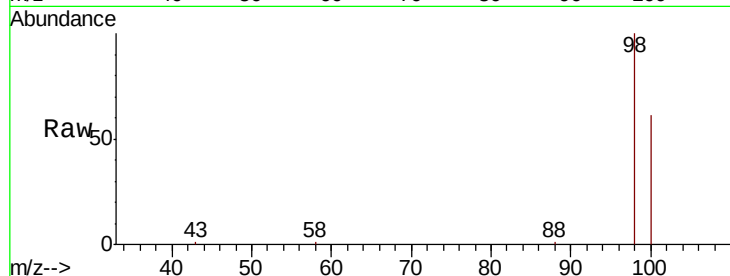
ClientSampled :

Tot Ion: 98 Resp: 2307368

Ion Ratio Lower Upper

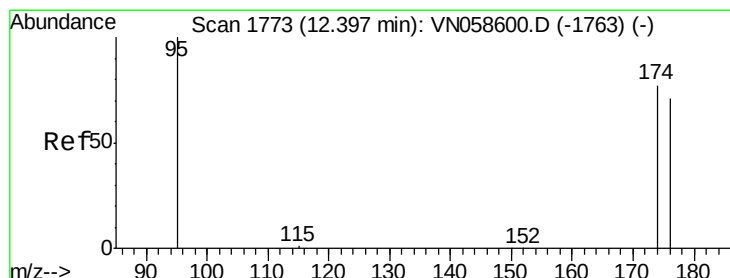
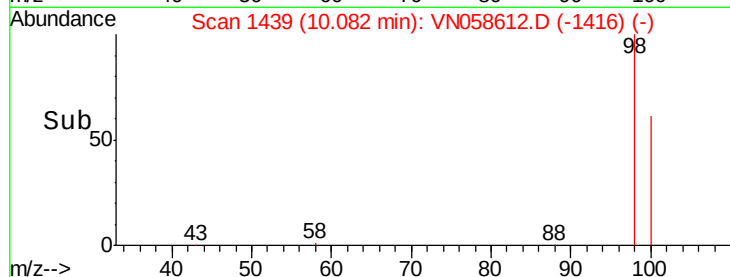
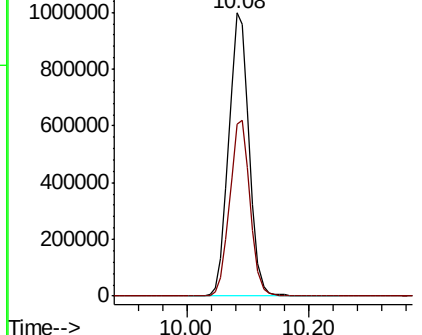
98 100

100 60.7 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN058612.D (-1429) (-)

Ion 100.00 (99.70 to 100.70): VN058612.D (-1429) (-)



#7

4-Bromofluorobenzene

Concen: 4.742 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

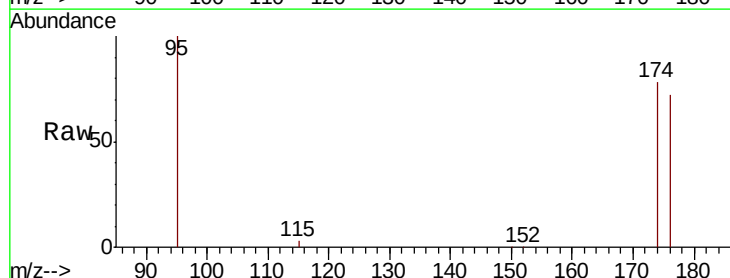
Tgt Ion: 95 Resp: 1059282

Ion Ratio Lower Upper

95 100

174 77.6 0.0 153.4

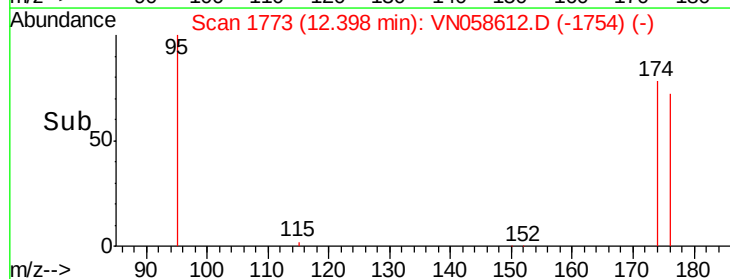
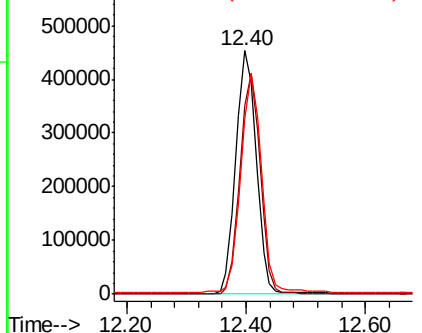
176 72.3 0.0 142.2

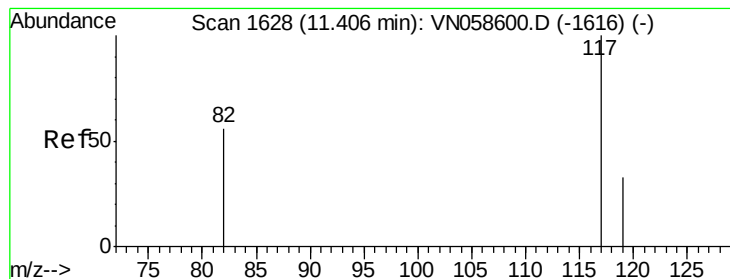


Abundance Ion 95.00 (94.70 to 95.70): VN058612.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058612.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058612.D (-1763) (-)





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampled :

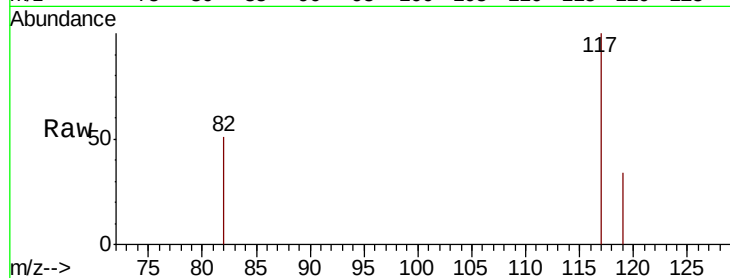
Tot Ion:117 Resp: 2829805

Ion Ratio Lower Upper

117 100

82 51.2 44.7 67.1

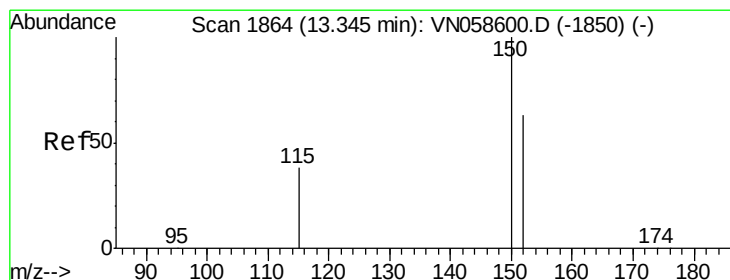
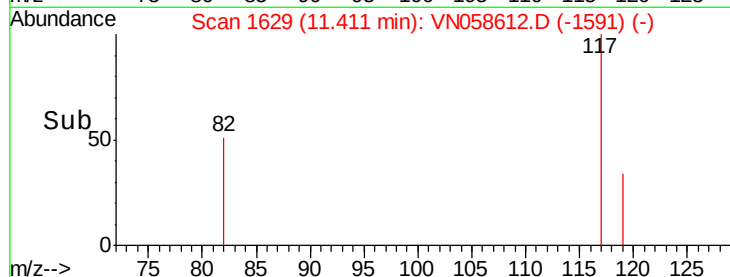
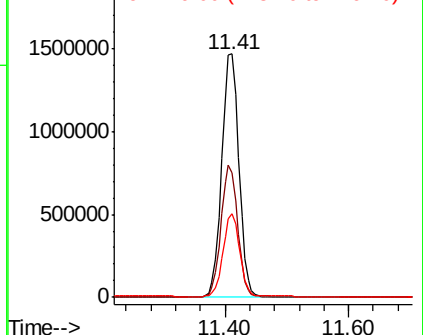
119 34.1 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN058612.D

Acq: 8 Oct 2019 15:49

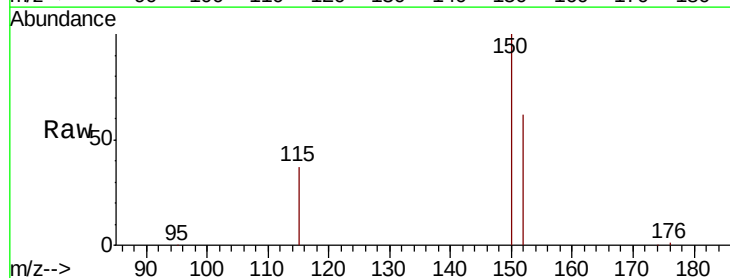
Tgt Ion:152 Resp: 1066628

Ion Ratio Lower Upper

152 100

115 59.3 29.9 89.8

150 160.1 0.0 315.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

