

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058622.D
 Acq On : 8 Oct 2019 19:30
 Operator : JC/SP
 Sample : K5234-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:17:44 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	1813118	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2720609	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2440395	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	908425	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1133427	5.23	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.60%
5) Dibromofluoromethane	7.57	113	888823	5.19	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	103.80%
6) Toluene-d8	10.08	98	1950145	5.04	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.80%
7) 4-Bromofluorobenzene	12.40	95	898904	4.74	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	94.80%

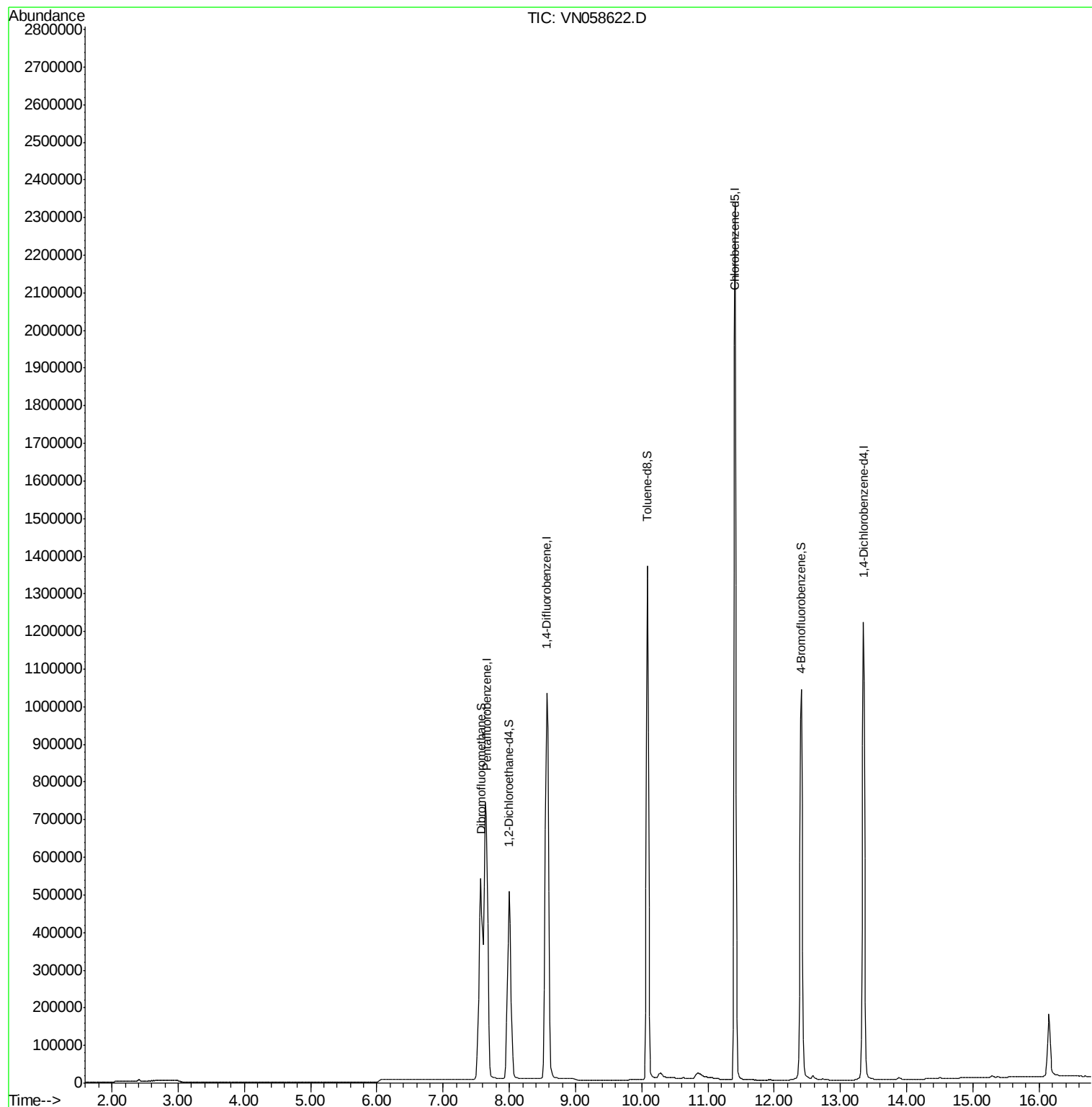
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058622.D

Acq: 8 Oct 2019 19:30

Instrument :

MSVOA_N

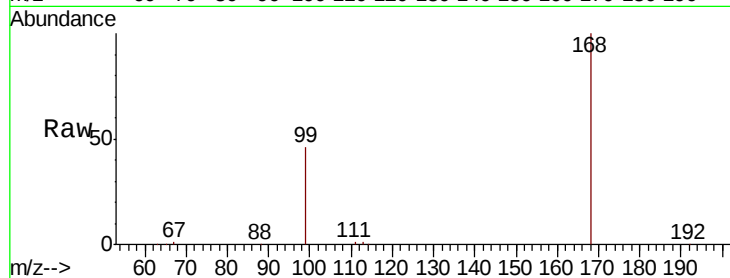
ClientSampled :

Tot Ion:168 Resp: 1813118

Ion Ratio Lower Upper

168 100

99 46.3 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058600.D (-1229) (-)

Ion 99.00 (98.70 to 99.70): VN058600.D (-1229) (-)

7.65

500000

400000

300000

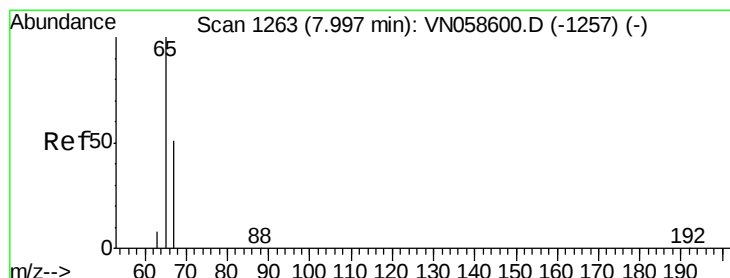
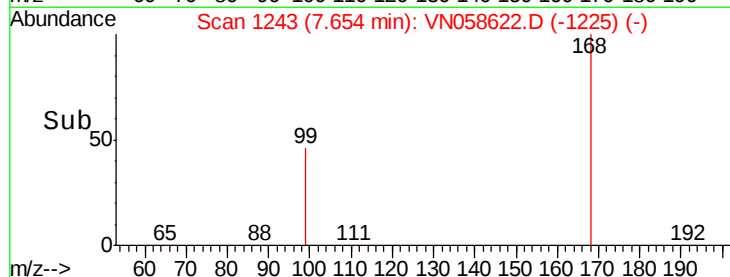
200000

100000

0

7.40 7.60 7.80 8.00

Time-->



#3

1,2-Dichloroethane-d4

Concen: 5.232 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058622.D

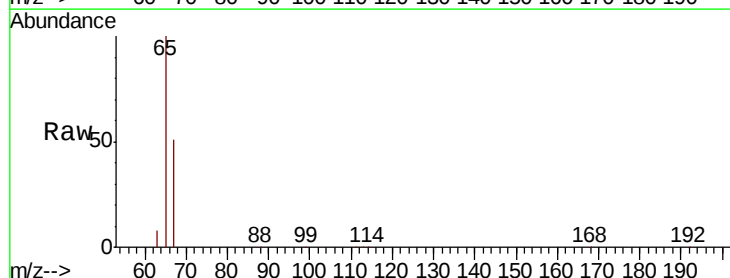
Acq: 8 Oct 2019 19:30

Tgt Ion: 65 Resp: 1133427

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058600.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN058600.D (-1257) (-)

8.00

300000

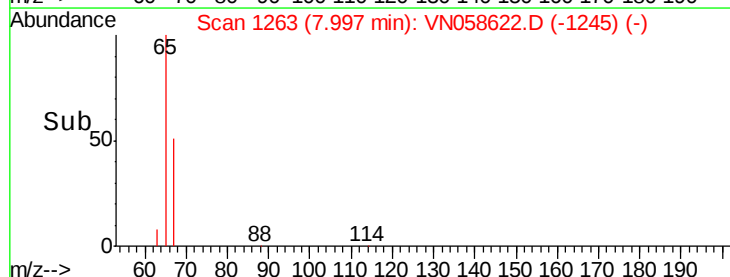
200000

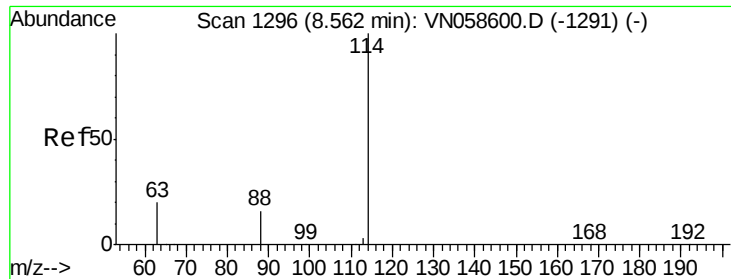
100000

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: VN058622.D

Acq: 8 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

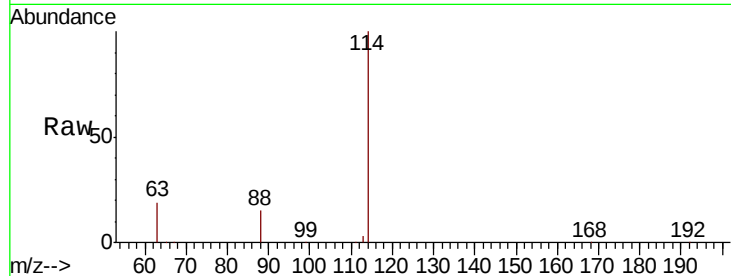
Tot Ion:114 Resp: 2720609

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

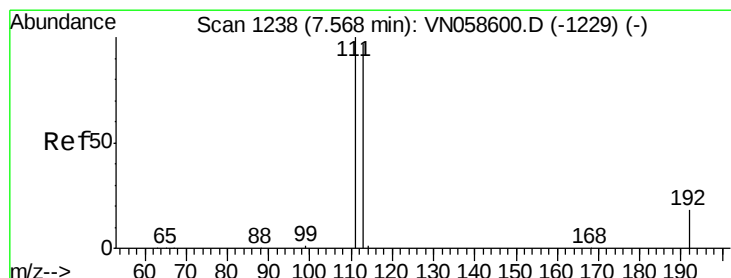
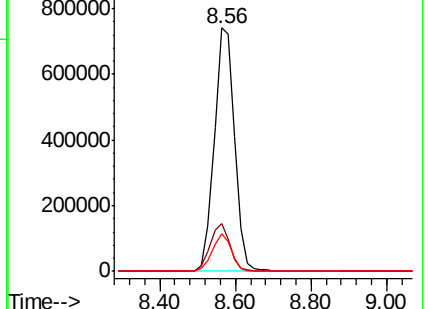
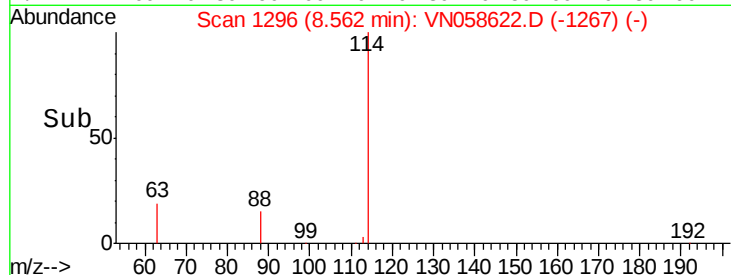
88 15.4 0.0 32.4



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: 5.186 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058622.D

Acq: 8 Oct 2019 19:30

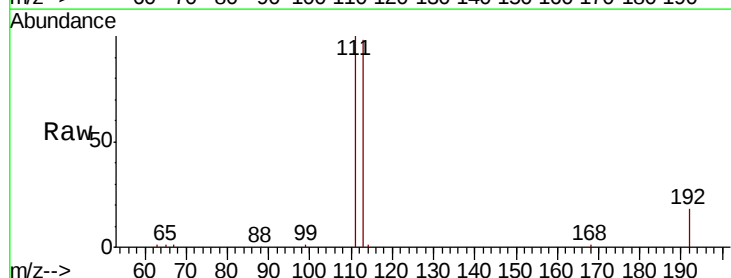
Tgt Ion:113 Resp: 888823

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

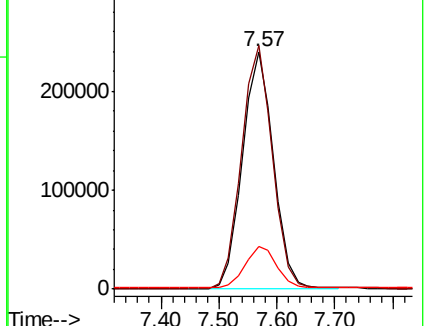
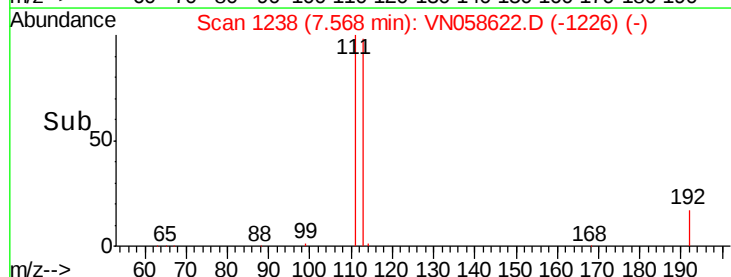
192 18.2 14.9 22.3

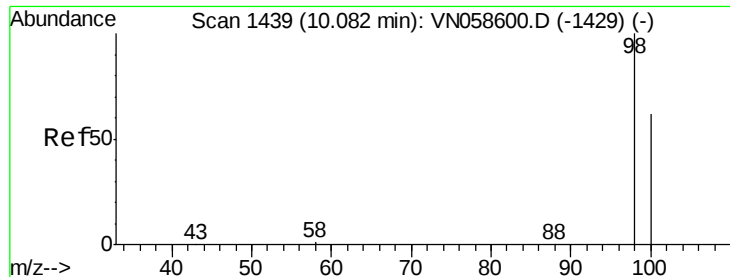


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.036 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058622.D

Acq: 8 Oct 2019 19:30

Instrument :

MSVOA_N

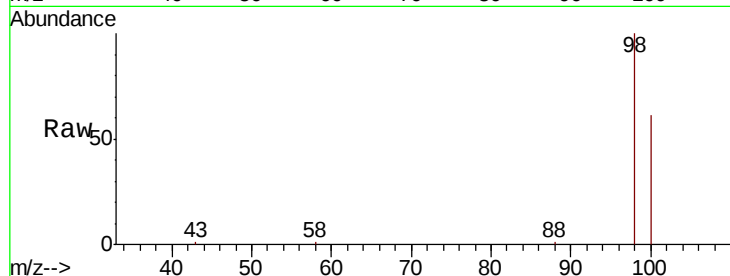
ClientSampled :

Tot Ion: 98 Resp: 1950145

Ion Ratio Lower Upper

98 100

100 60.6 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN058600.D (-1429) (-)

Ion 100.00 (99.70 to 100.70): VN058622.D (-1416) (-)

10.08

800000

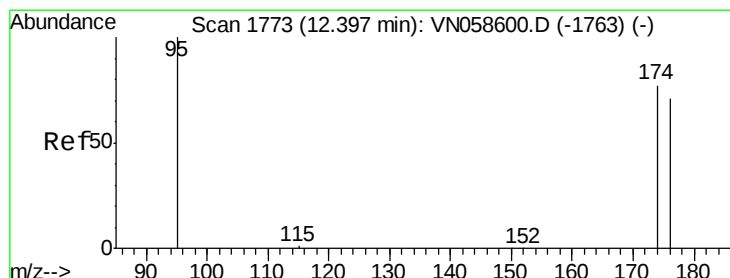
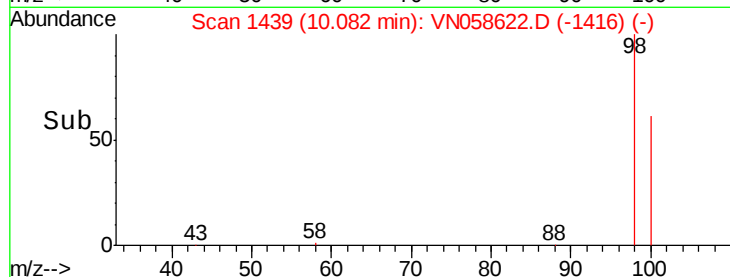
600000

400000

200000

0

Time-->



#7

4-Bromofluorobenzene

Concen: 4.738 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058622.D

Acq: 8 Oct 2019 19:30

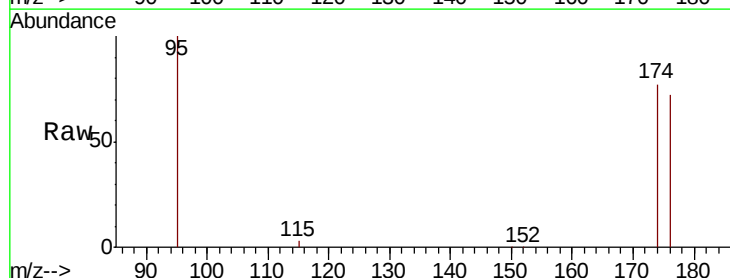
Tgt Ion: 95 Resp: 898904

Ion Ratio Lower Upper

95 100

174 76.9 0.0 153.4

176 71.8 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058622.D (-1754) (-)

12.40

500000

400000

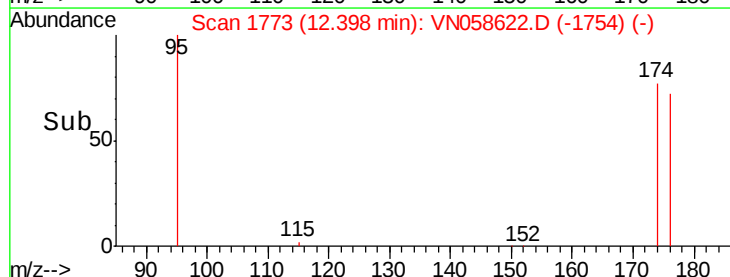
300000

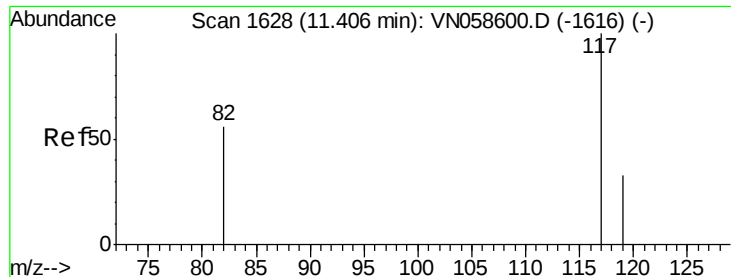
200000

100000

0

Time-->





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058622.D

Acq: 8 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

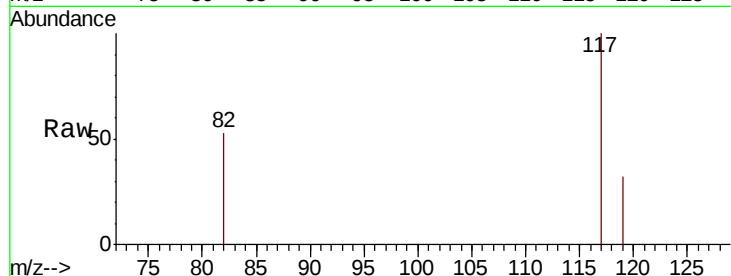
Tot Ion:117 Resp: 2440395

Ion Ratio Lower Upper

117 100

82 53.3 44.7 67.1

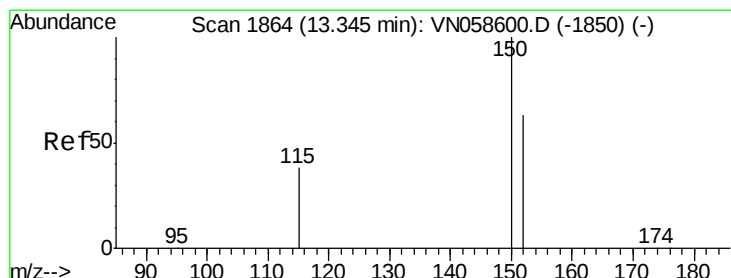
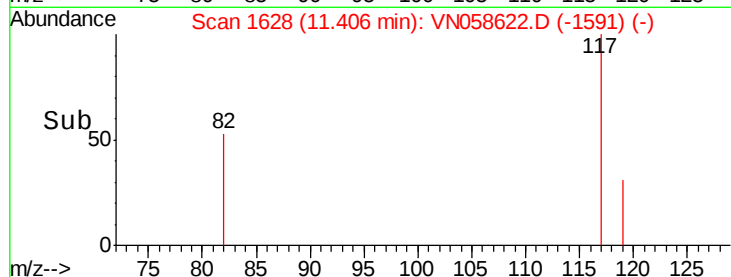
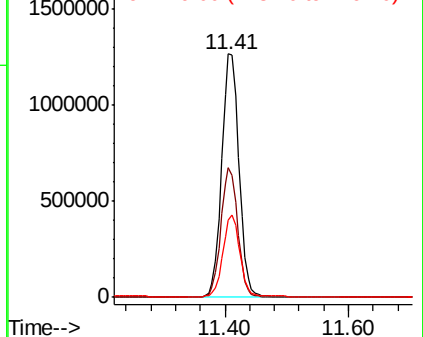
119 31.7 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

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: VN058622.D

Acq: 8 Oct 2019 19:30

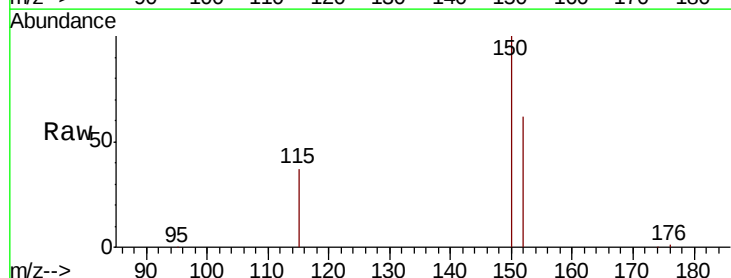
Tgt Ion:152 Resp: 908425

Ion Ratio Lower Upper

152 100

115 58.9 29.9 89.8

150 160.6 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

