

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056965.D
 Acq On : 30 Jul 2019 10:50
 Operator : JC/SP
 Sample : VN0730WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 04:14:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:50:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	46856	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	61341	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	37280	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	5144	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	25777	4.44	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	88.80%
5) Dibromofluoromethane	7.58	113	21382	5.13	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.60%
6) Toluene-d8	10.08	98	42684	5.02	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.40%
7) 4-Bromofluorobenzene	12.39	95	8587	4.33	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	86.60%

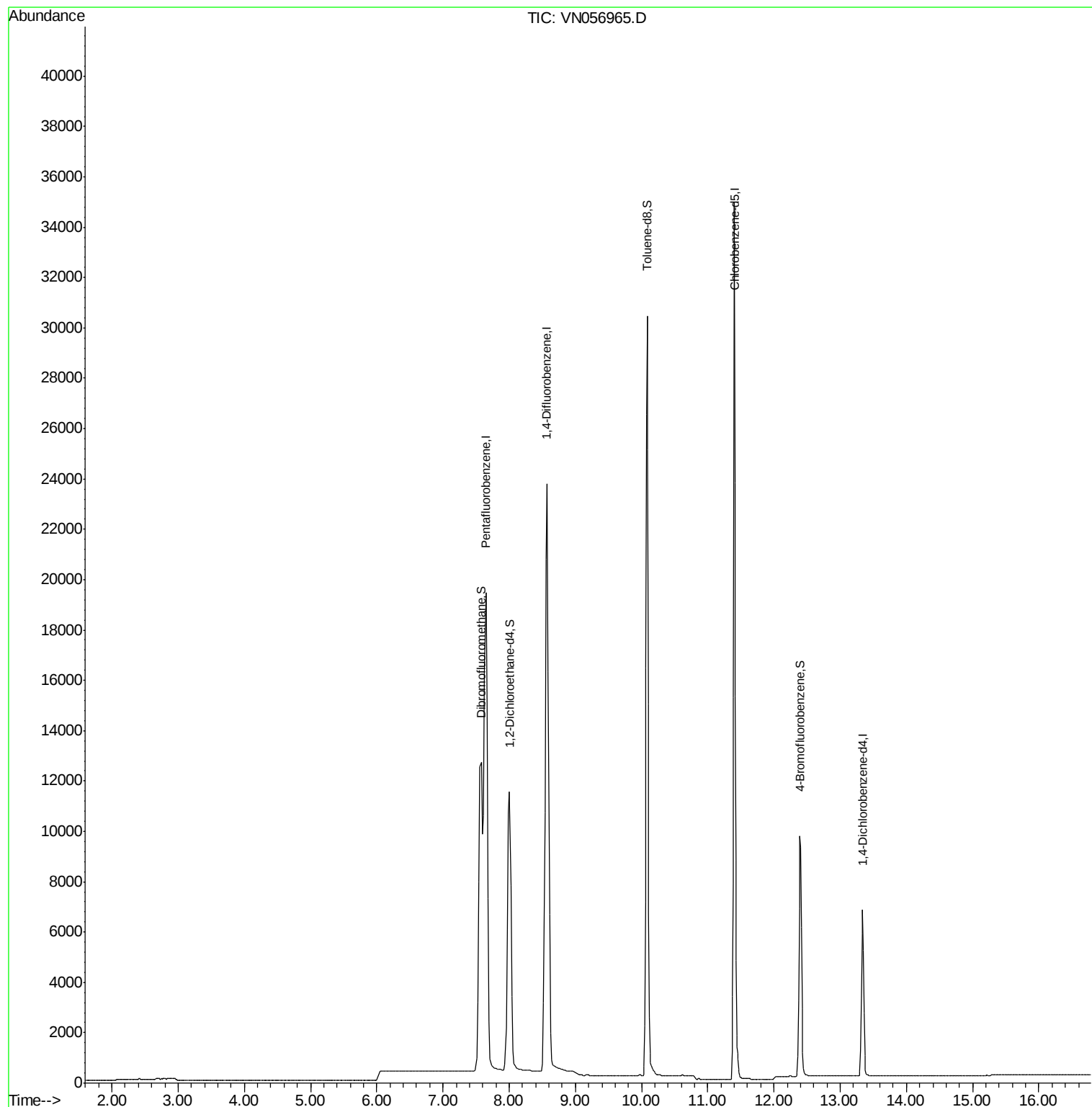
Target Compounds	Qvalue
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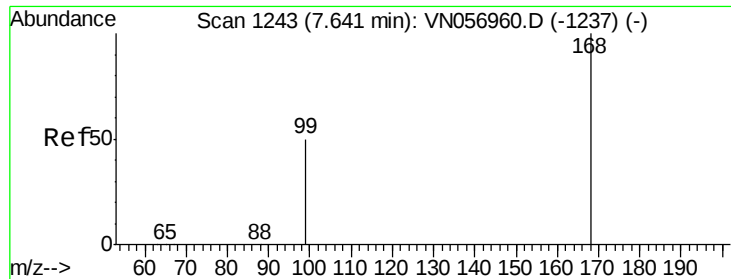
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

Instrument :

MSVOA_N

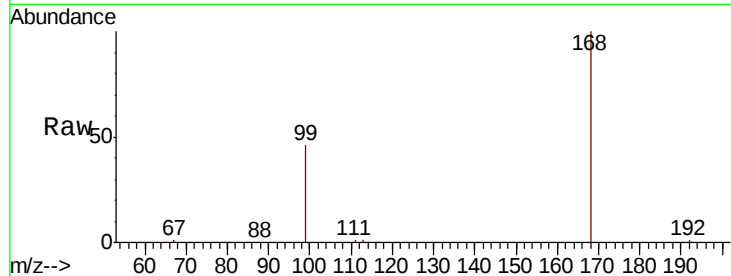
ClientSampleId :

Tot Ion:168 Resp: 46856

Ion Ratio Lower Upper

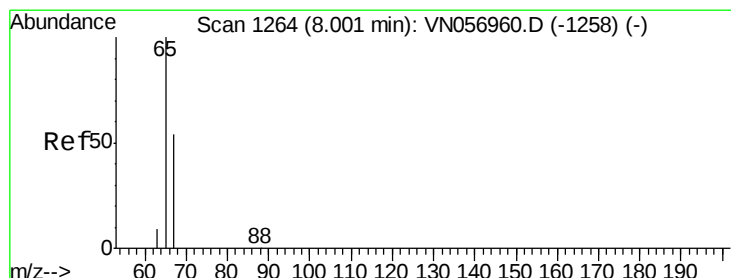
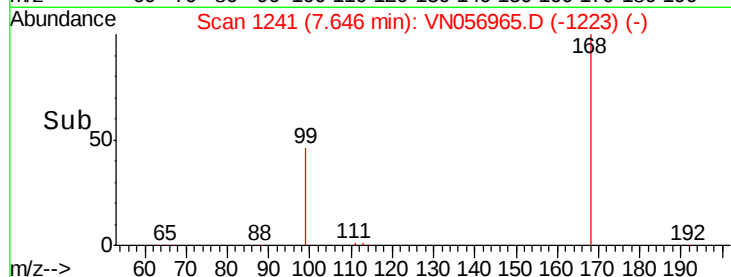
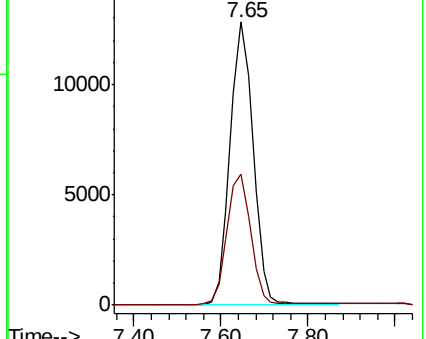
168 100

99 46.3 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056965.D (-1243) (-)

Ion 99.00 (98.70 to 99.70): VN056965.D (-1243) (-)



#3

1,2-Dichloroethane-d4

Concen: 4.439 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VN056965.D

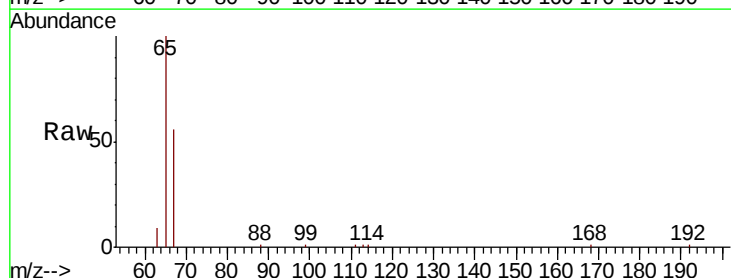
Acq: 30 Jul 2019 10:50

Tgt Ion: 65 Resp: 25777

Ion Ratio Lower Upper

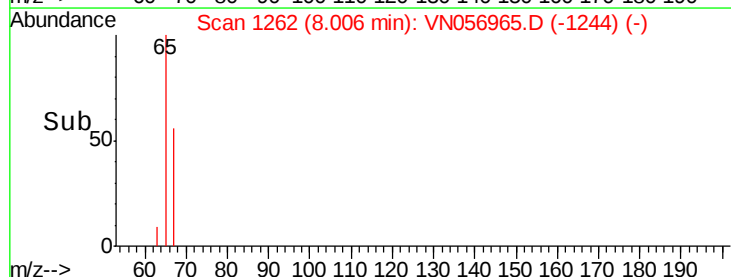
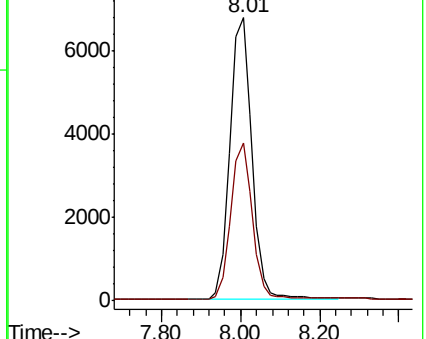
65 100

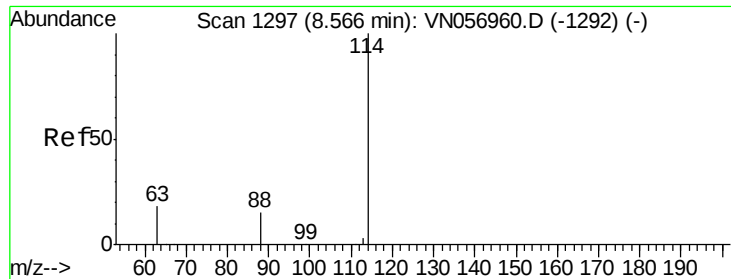
67 56.0 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN056965.D (-1264) (-)

Ion 67.00 (66.70 to 67.70): VN056965.D (-1264) (-)





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

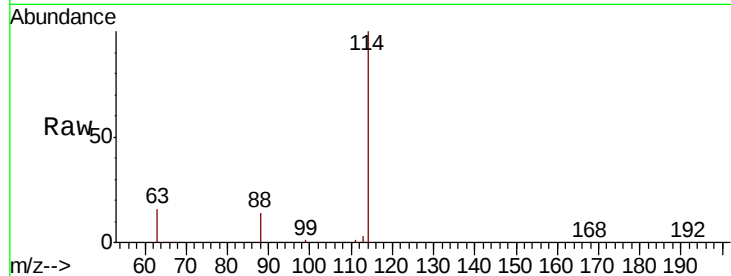
Tot Ion:114 Resp: 61341

Ion Ratio Lower Upper

114 100

63 16.4 0.0 37.6

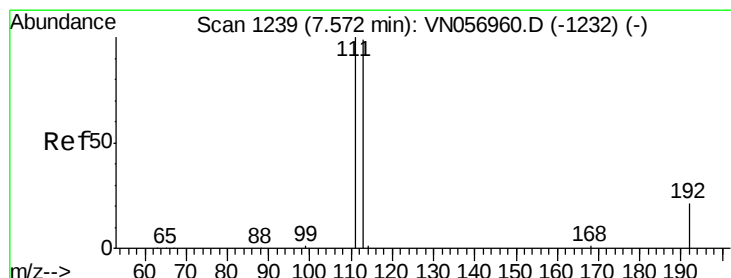
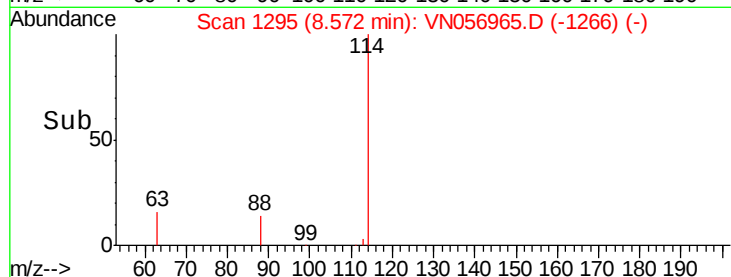
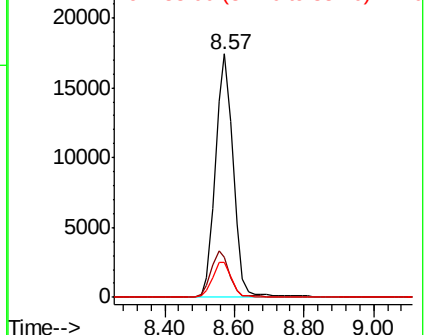
88 14.3 0.0 31.0



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: 5.131 ug/l

RT: 7.58 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

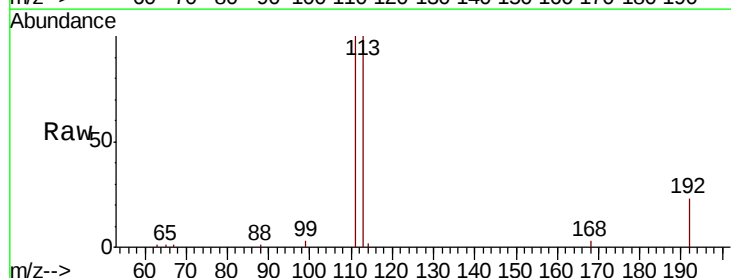
Tgt Ion:113 Resp: 21382

Ion Ratio Lower Upper

113 100

111 100.4 81.1 121.7

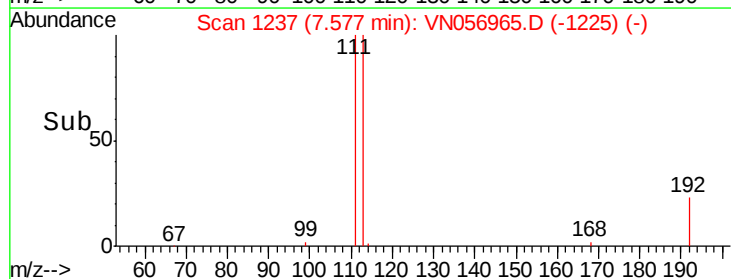
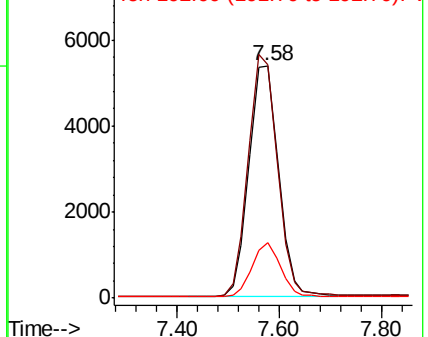
192 23.6 17.9 26.9

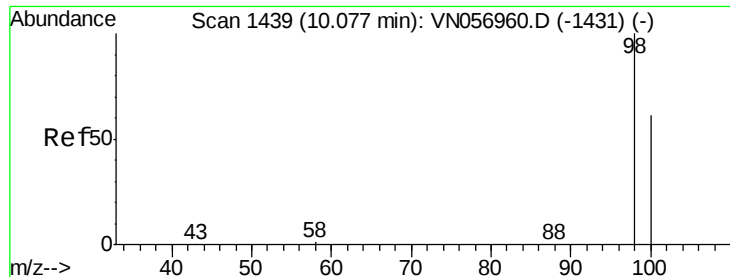


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.019 ug/l

RT: 10.08 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

Instrument :

MSVOA_N

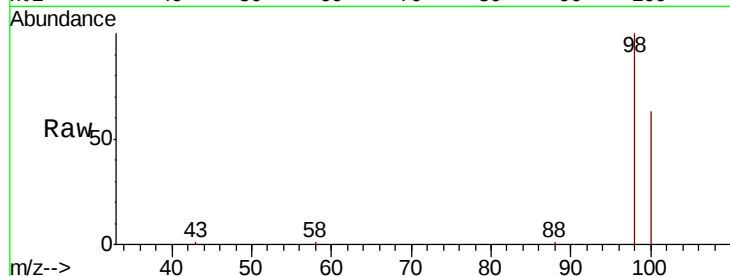
ClientSampleId :

Tot Ion: 98 Resp: 42684

Ion Ratio Lower Upper

98 100

100 63.4 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

20000

15000

10000

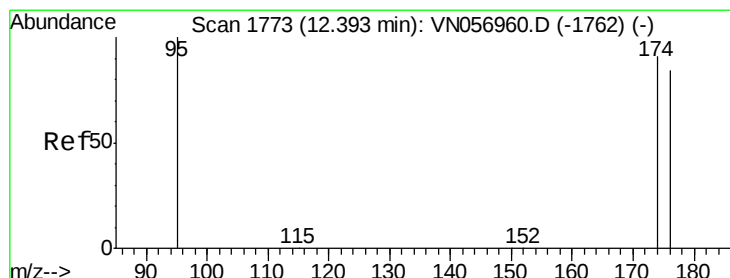
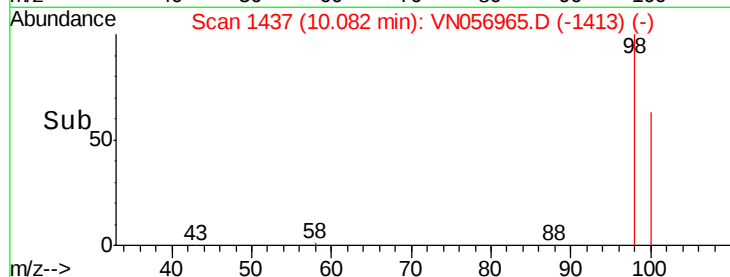
5000

0

10.08

10.00 10.20

Time-->



#7

4-Bromofluorobenzene

Concen: 4.326 ug/l

RT: 12.39 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

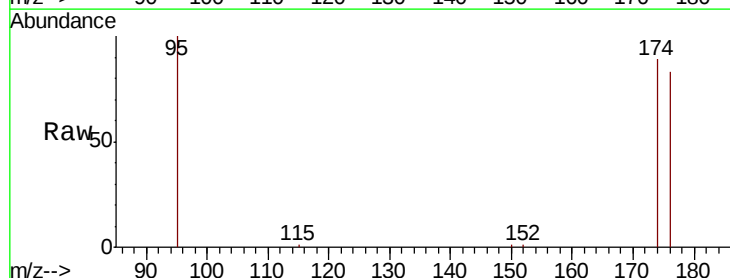
Tgt Ion: 95 Resp: 8587

Ion Ratio Lower Upper

95 100

174 89.5 0.0 181.4

176 82.5 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

4000

3000

2000

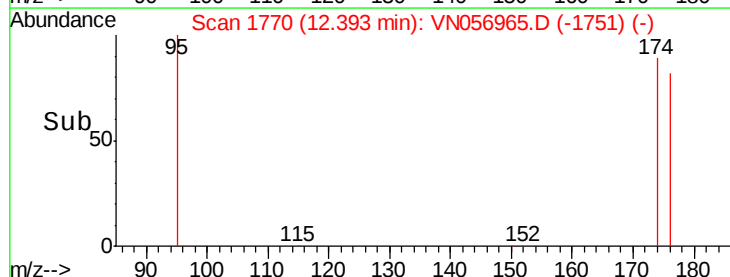
1000

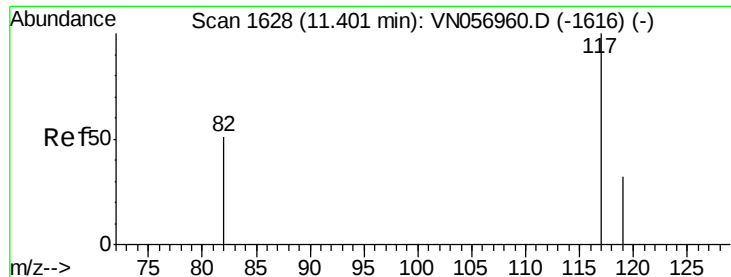
0

12.39

12.40 12.60

Time-->





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1625

Delta R.T. 0.00 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

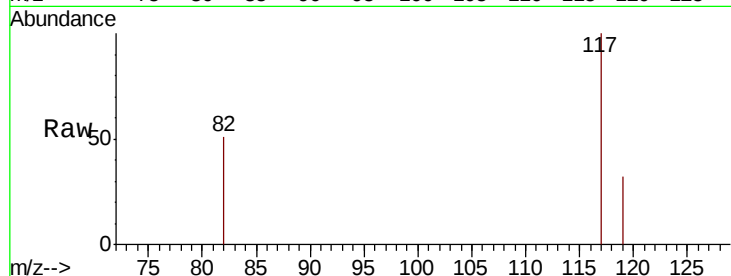
Tot Ion:117 Resp: 37280

Ion Ratio Lower Upper

117 100

82 51.3 40.7 61.1

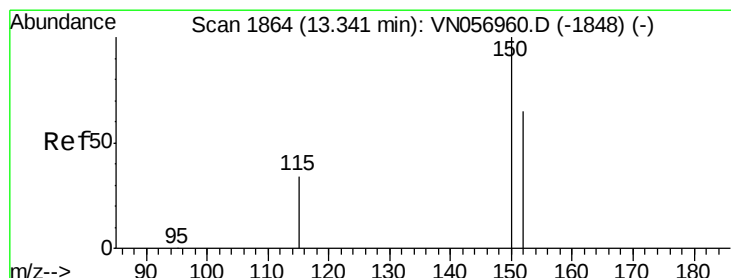
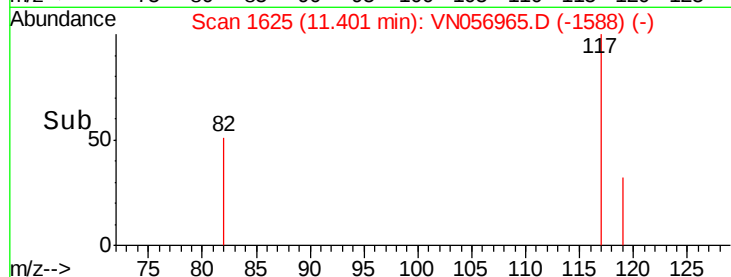
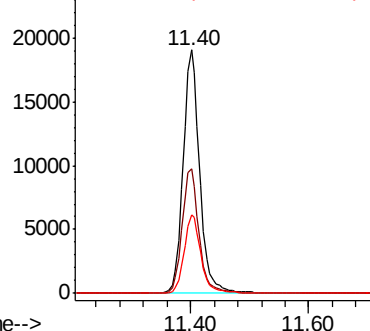
119 32.1 25.6 38.4



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: 13.34 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN056965.D

Acq: 30 Jul 2019 10:50

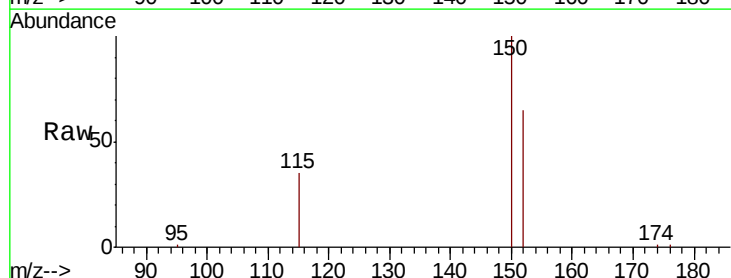
Tgt Ion:152 Resp: 5144

Ion Ratio Lower Upper

152 100

115 54.0 27.0 80.8

150 154.0 0.0 306.8



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

