

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056913.D
 Acq On : 24 Jul 2019 15:26
 Operator : JC/SP
 Sample : K3921-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU19-MSW0619-9002

Quant Time: Jul 25 01:33:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072519SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 25 01:27:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	49216	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	79892	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	48787	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7683	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	27560	4.85	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.00%
5) Dibromofluoromethane	7.59	113	22628	4.90	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	98.00%
6) Toluene-d8	10.09	98	46672	4.93	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.60%
7) 4-Bromofluorobenzene	12.40	95	12233	5.00	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	100.00%

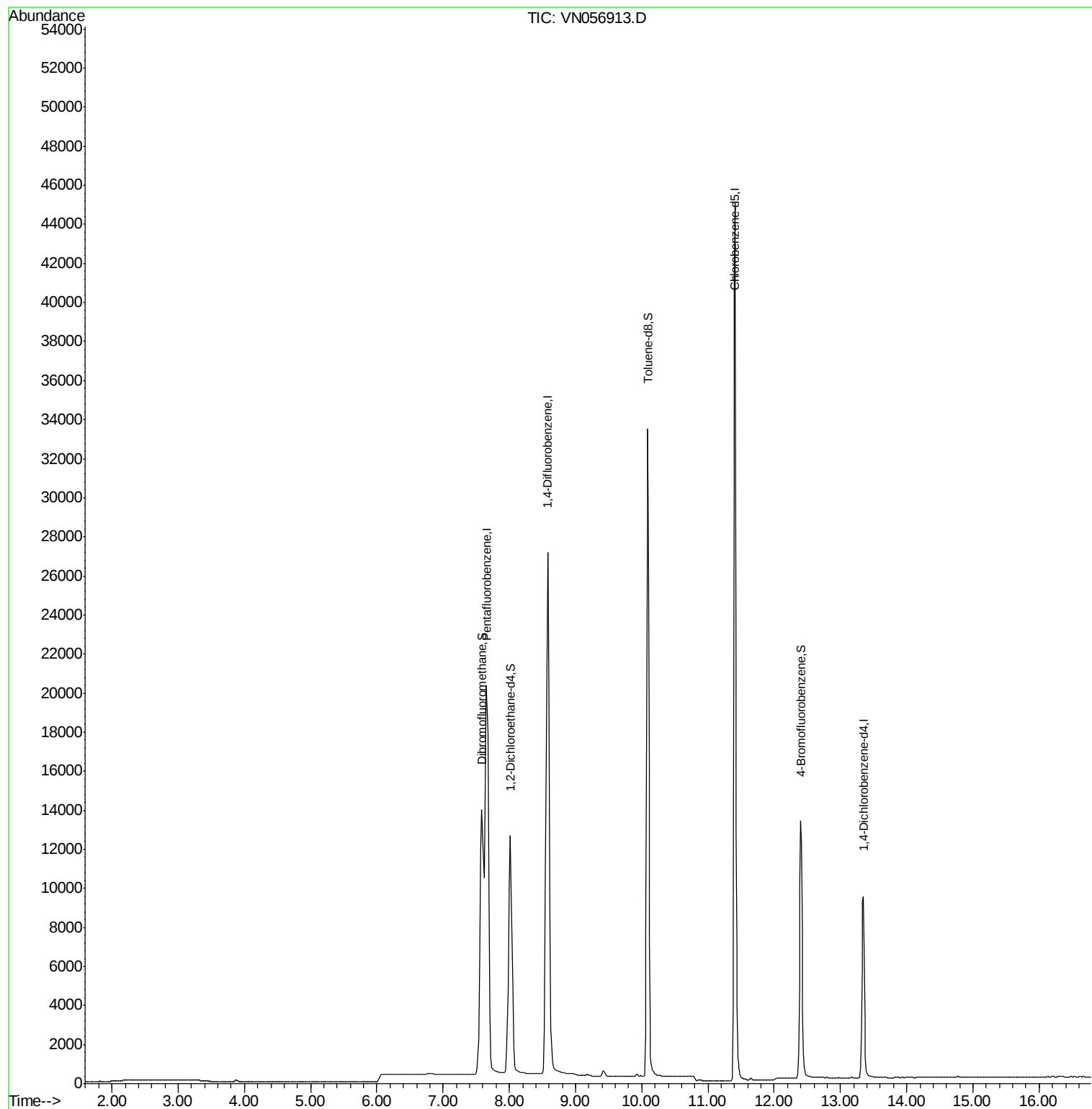
Target Compounds	Qvalue

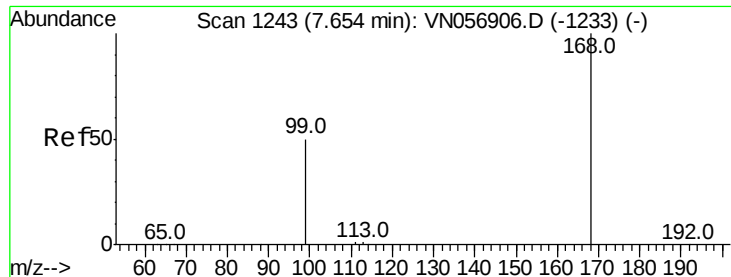
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072519\
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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: VN056913.D

Acq: 24 Jul 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

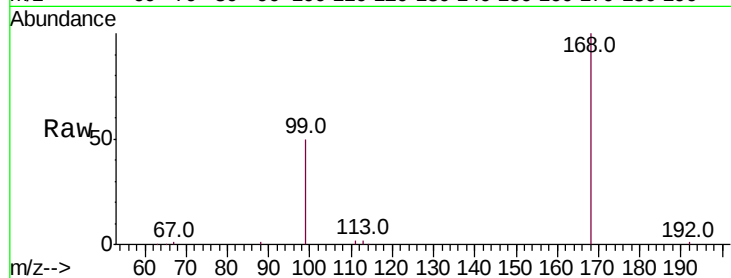
SU19-MSW0619-9002

Tot Ion:168 Resp: 49216

Ion Ratio Lower Upper

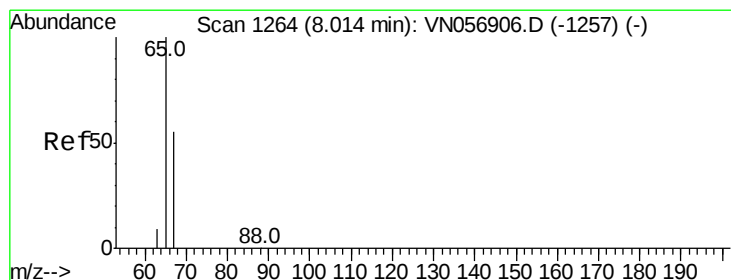
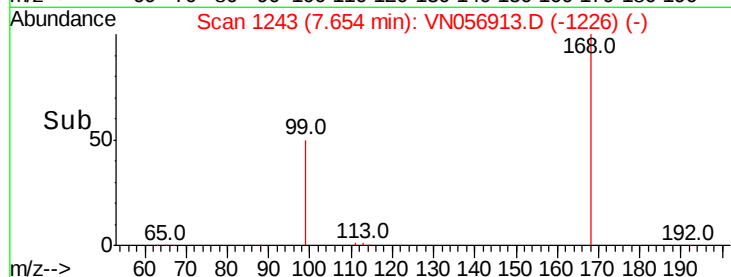
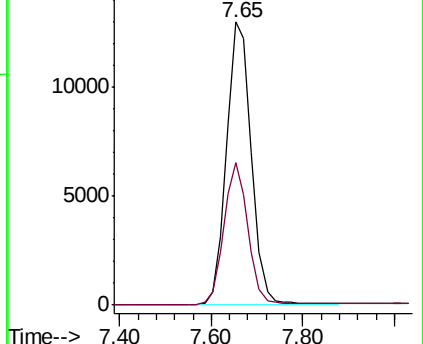
168 100

99 50.2 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#3

1,2-Dichloroethane-d4

Concen: 4.848 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056913.D

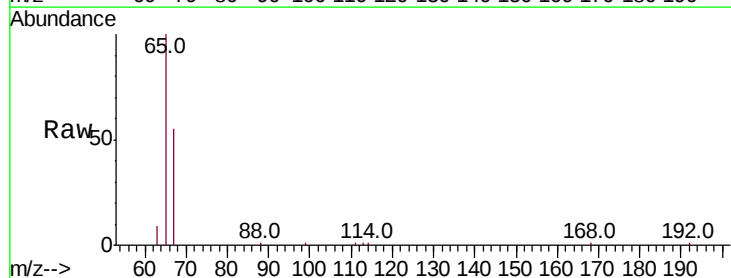
Acq: 24 Jul 2019 15:26

Tgt Ion: 65 Resp: 27560

Ion Ratio Lower Upper

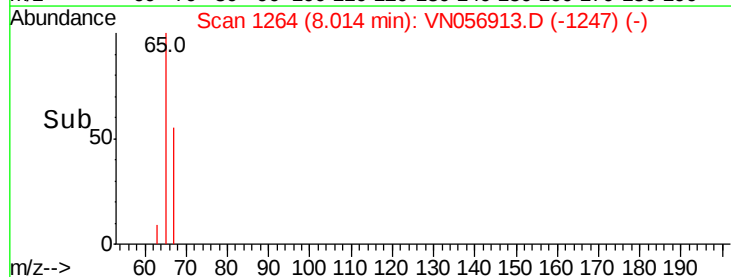
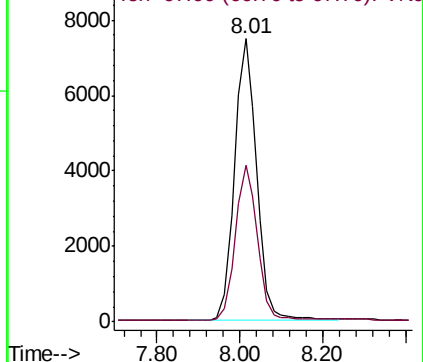
65 100

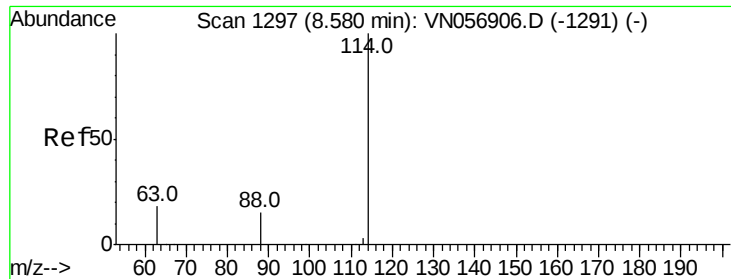
67 55.2 0.0 110.2



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056913.D

Acq: 24 Jul 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0619-9002

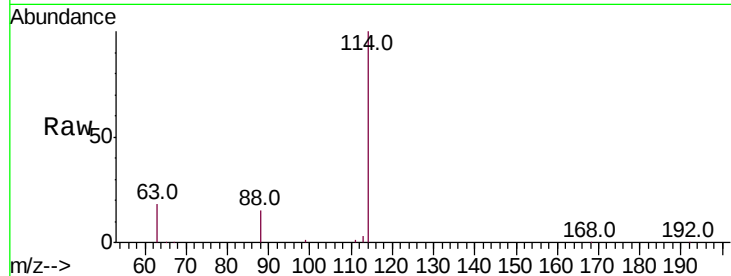
Tot Ion:114 Resp: 79892

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

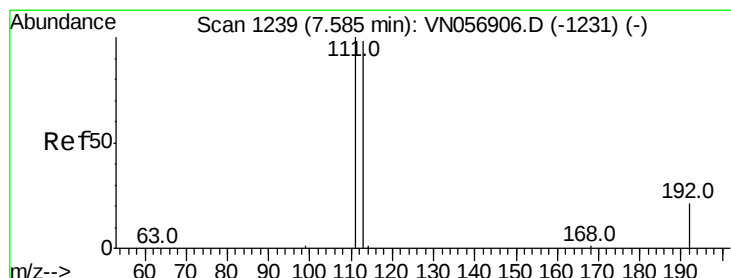
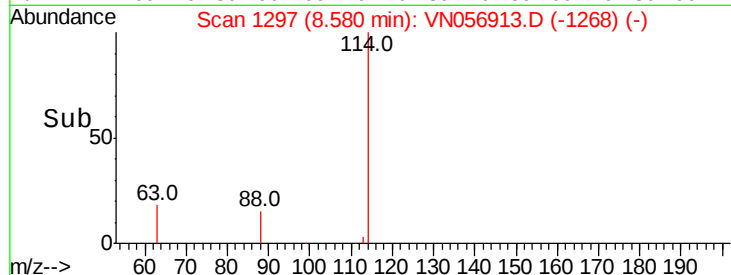
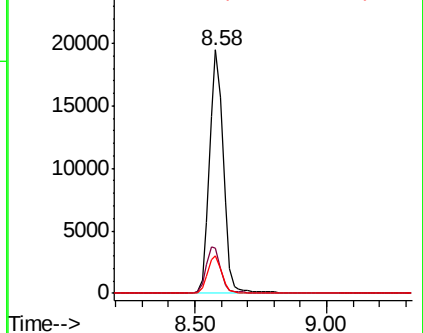
88 15.4 0.0 30.2



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: 4.901 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056913.D

Acq: 24 Jul 2019 15:26

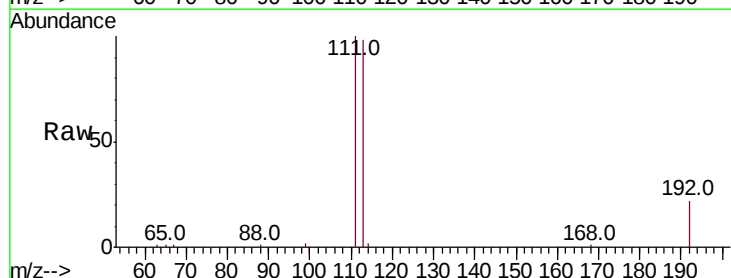
Tgt Ion:113 Resp: 22628

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

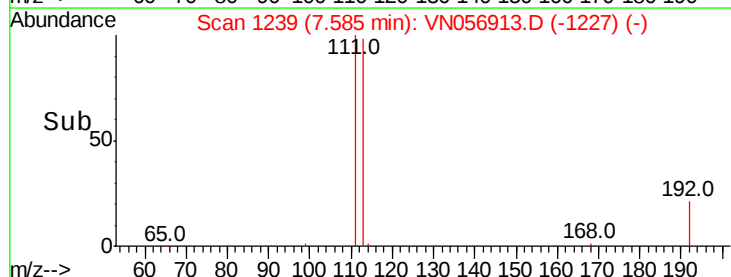
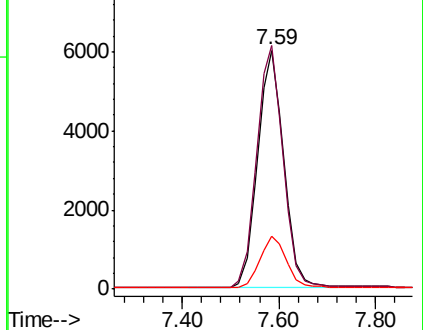
192 22.2 17.4 26.0

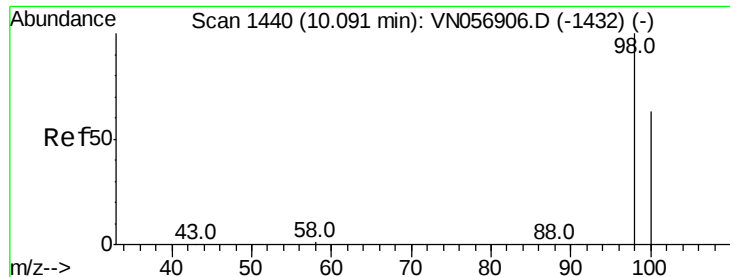


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.927 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056913.D

Acq: 24 Jul 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

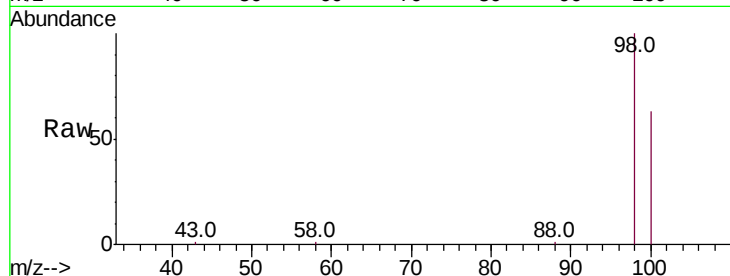
SU19-MSW0619-9002

Tot Ion: 98 Resp: 46672

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN056913.D (-1432) (-)

Ion 100.00 (99.70 to 100.70): VN056913.D (-1432) (-)

10.09

20000

15000

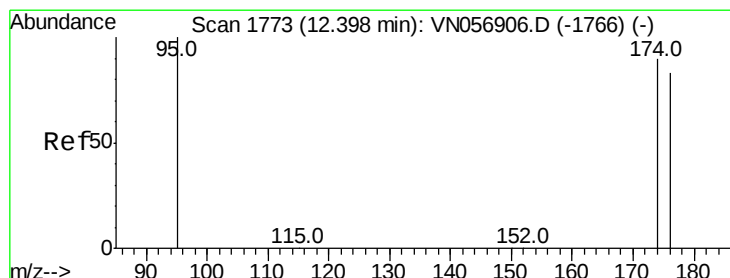
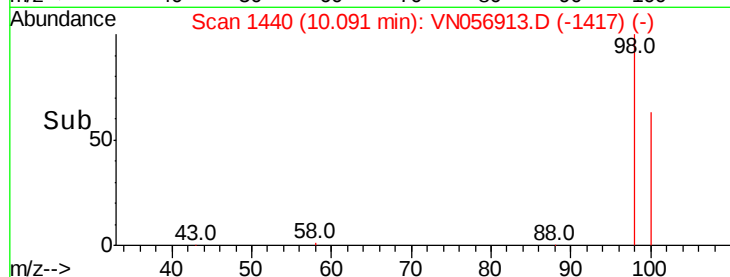
10000

5000

0

Time-->

10.00 10.20



#7

4-Bromofluorobenzene

Concen: 4.997 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056913.D

Acq: 24 Jul 2019 15:26

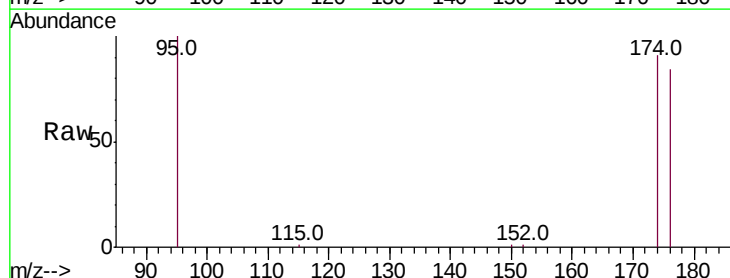
Tgt Ion: 95 Resp: 12233

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.8

176 83.9 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056913.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN056913.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN056913.D (-1754) (-)

12.40

6000

5000

4000

3000

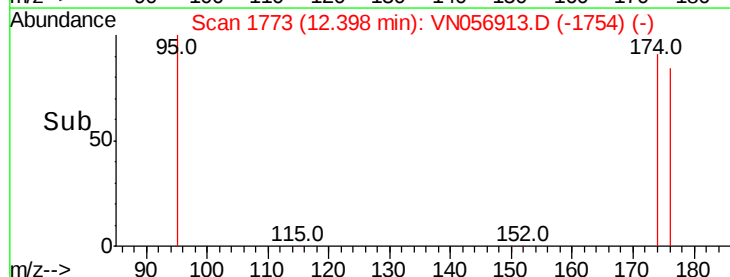
2000

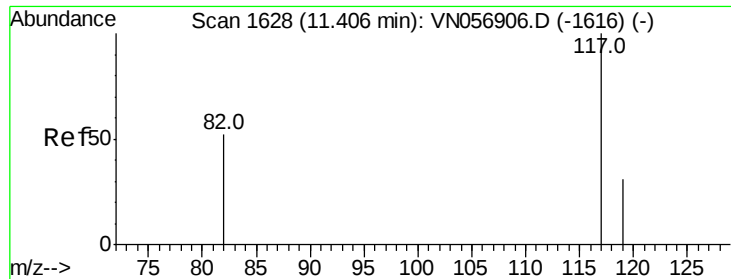
1000

0

Time-->

12.20 12.40 12.60





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056913.D

Acq: 24 Jul 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0619-9002

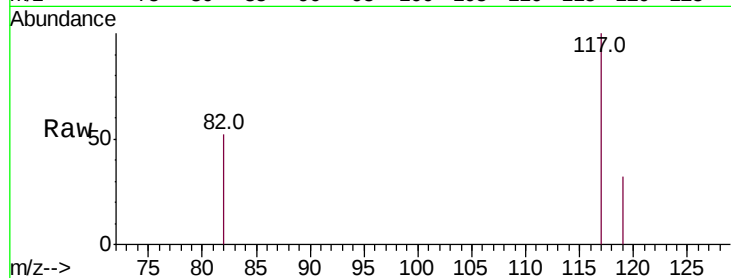
Tot Ion:117 Resp: 48787

Ion Ratio Lower Upper

117 100

82 52.1 42.0 63.0

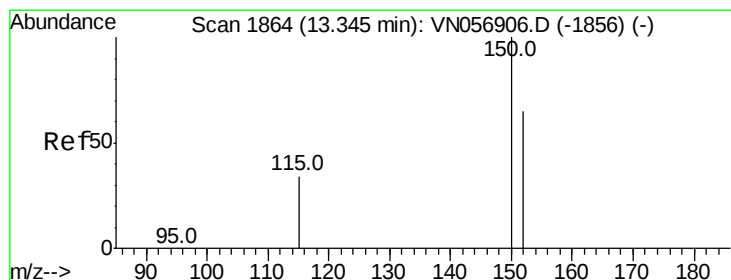
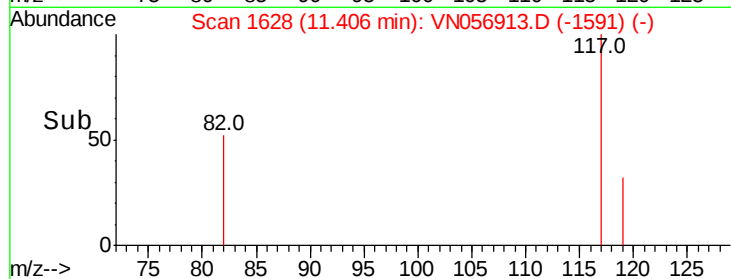
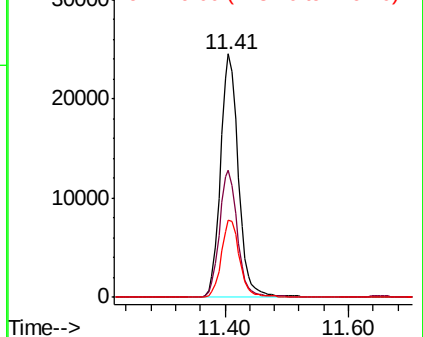
119 31.8 25.1 37.7



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: VN056913.D

Acq: 24 Jul 2019 15:26

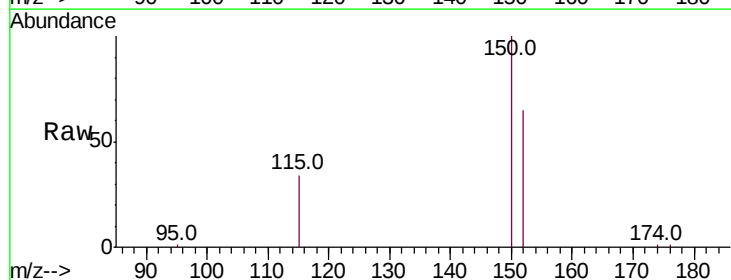
Tgt Ion:152 Resp: 7683

Ion Ratio Lower Upper

152 100

115 52.3 26.5 79.4

150 152.8 0.0 306.2



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

