

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056988.D
 Acq On : 30 Jul 2019 19:49
 Operator : JC/SP
 Sample : K4017-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 04:17:04 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	7.64	168	37109	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	51464	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	34329	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	4876	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	20134	4.38	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	87.60%
5) Dibromofluoromethane	7.57	113	17170	4.91	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	98.20%
6) Toluene-d8	10.09	98	32658	4.58	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	91.60%
7) 4-Bromofluorobenzene	12.39	95	7345	4.41	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	88.20%

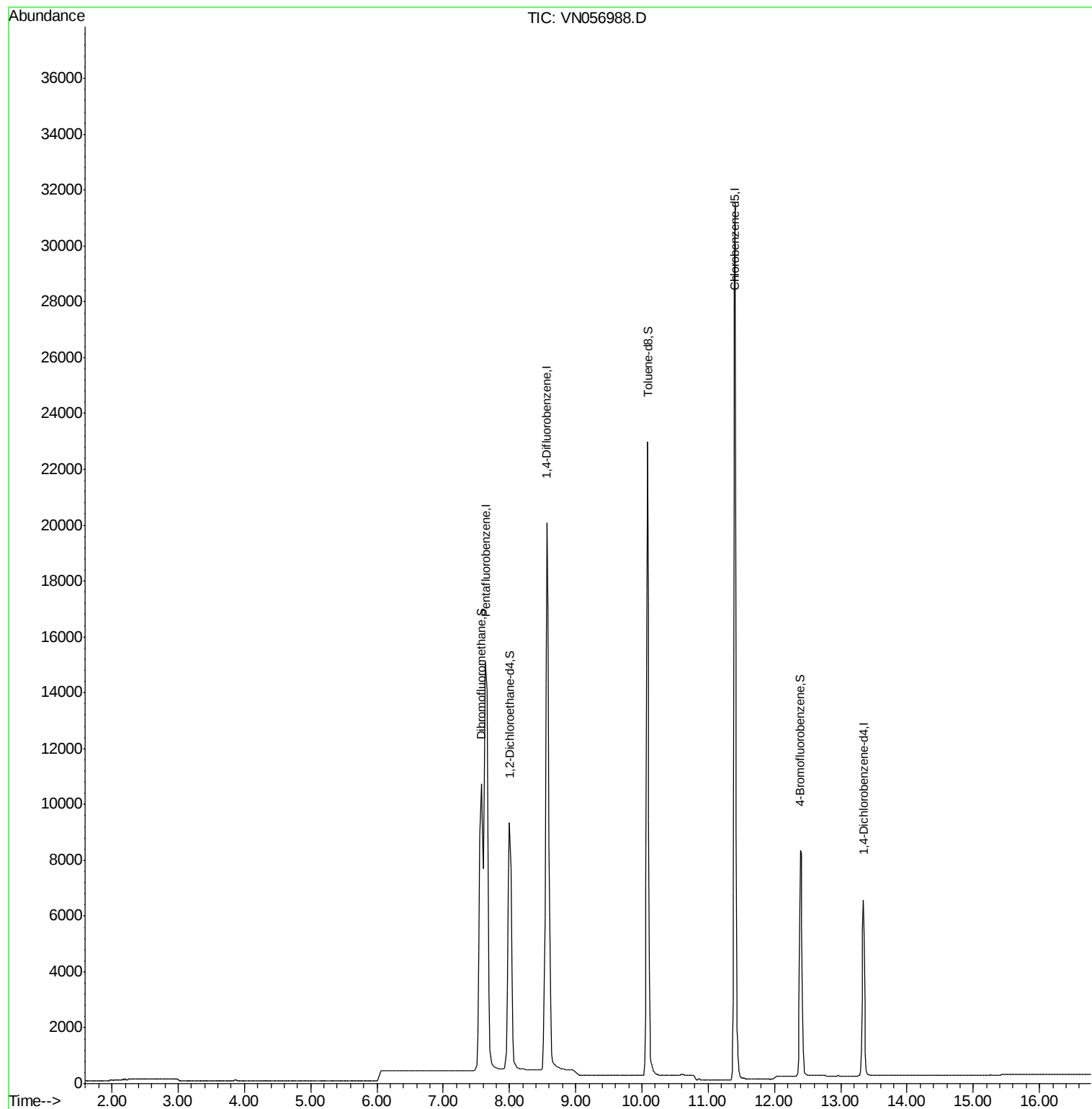
Target Compounds	Qvalue

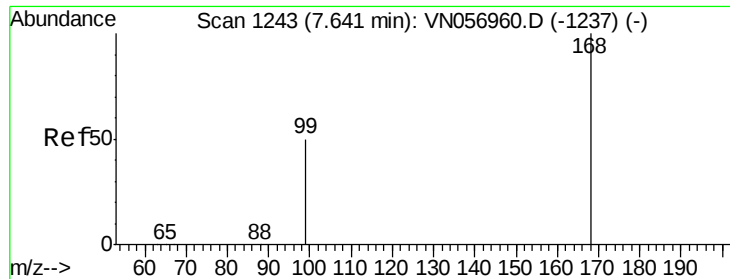
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056988.D

Acq: 30 Jul 2019 19:49

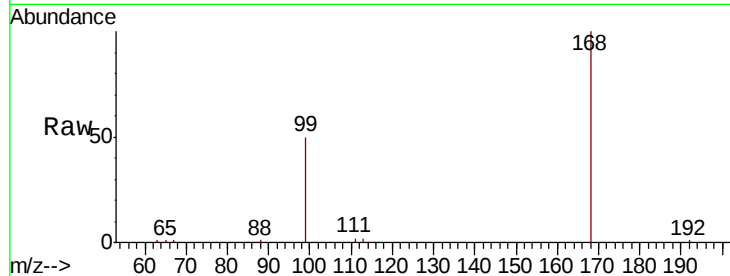
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 37109

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.64

10000

8000

6000

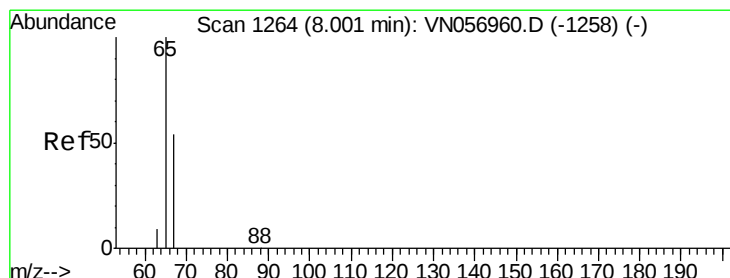
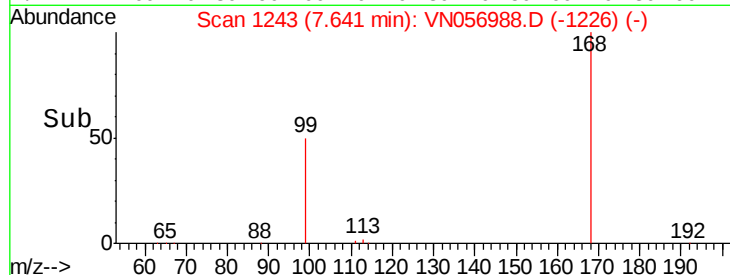
4000

2000

0

Time-->

7.40 7.60 7.80



#3

1,2-Dichloroethane-d4

Concen: 4.378 ug/l

RT: 8.00 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056988.D

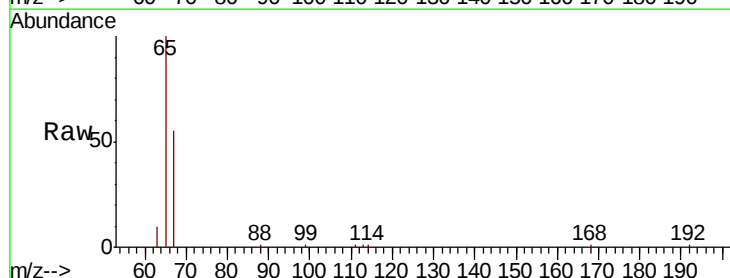
Acq: 30 Jul 2019 19:49

Tgt Ion: 65 Resp: 20134

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

8.00

6000

5000

4000

3000

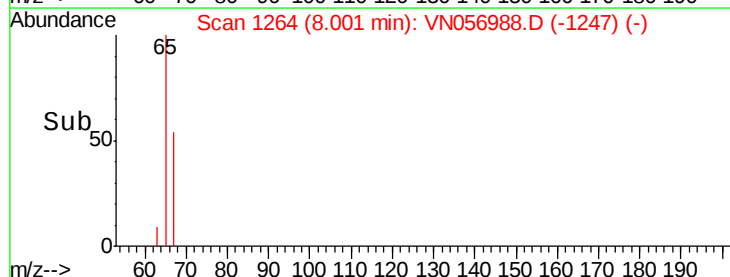
2000

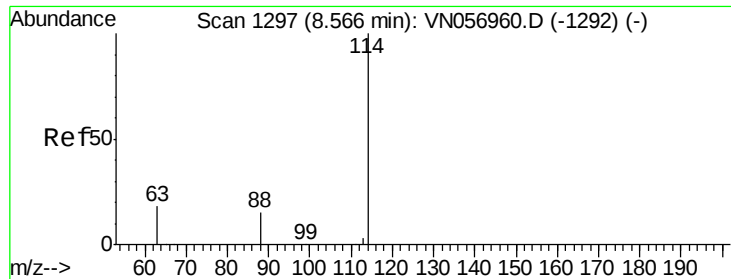
1000

0

Time-->

7.80 8.00 8.20





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056988.D

Acq: 30 Jul 2019 19:49

Instrument :

MSVOA_N

ClientSampleId :

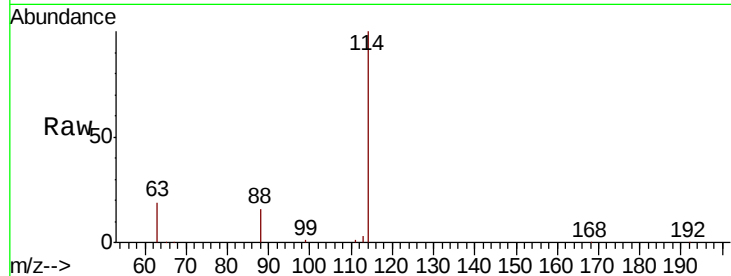
Tot Ion:114 Resp: 51464

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

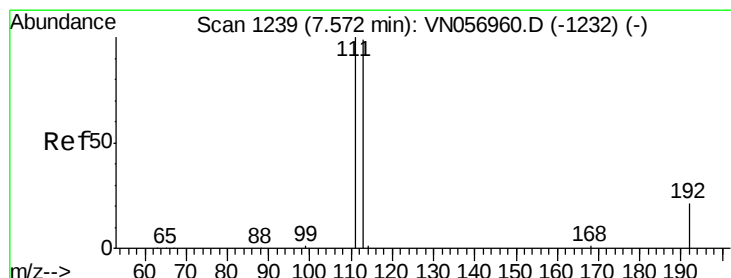
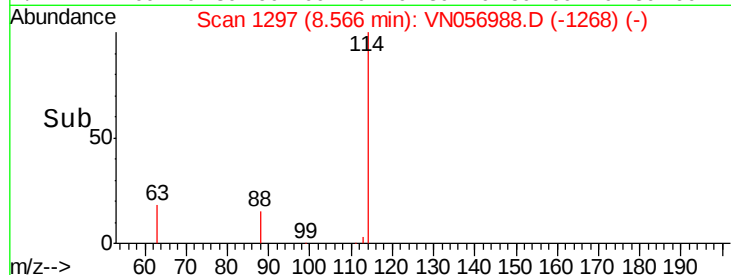
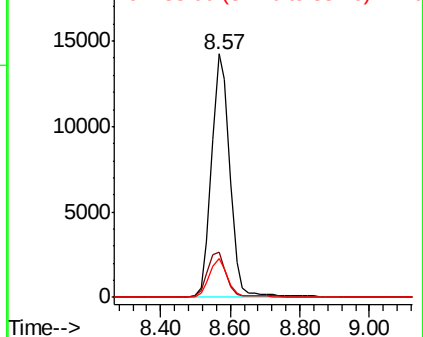
88 15.7 0.0 31.0



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: 4.911 ug/l

RT: 7.57 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056988.D

Acq: 30 Jul 2019 19:49

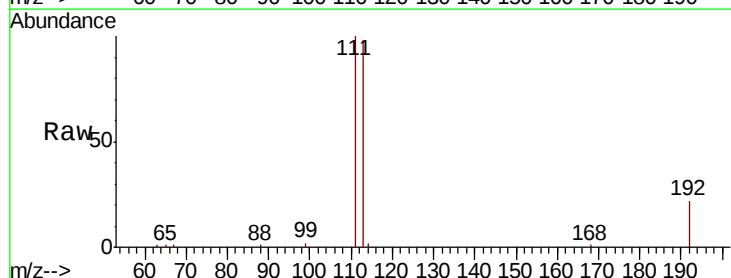
Tgt Ion:113 Resp: 17170

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

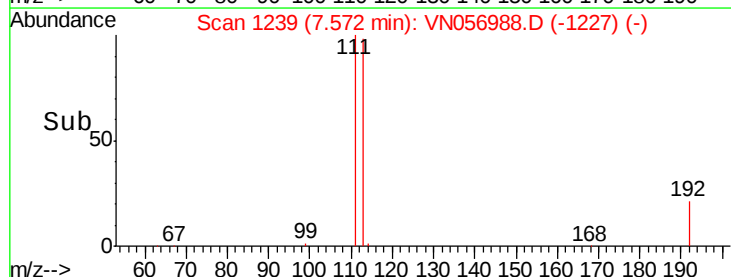
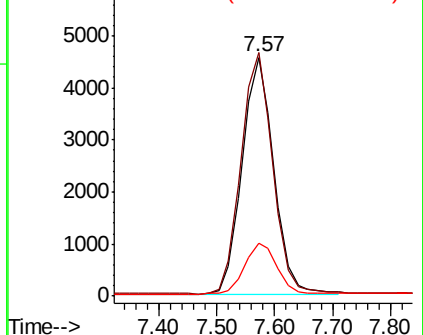
192 22.3 17.9 26.9

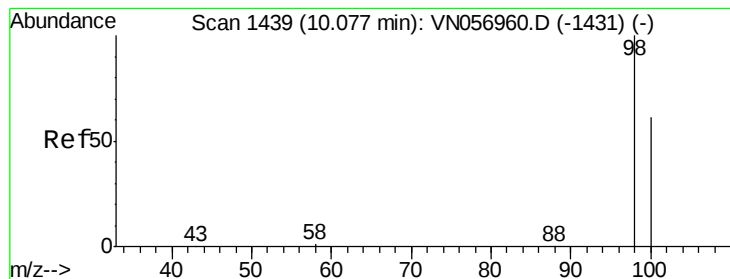


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.577 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VN056988.D

Acq: 30 Jul 2019 19:49

Instrument :

MSVOA_N

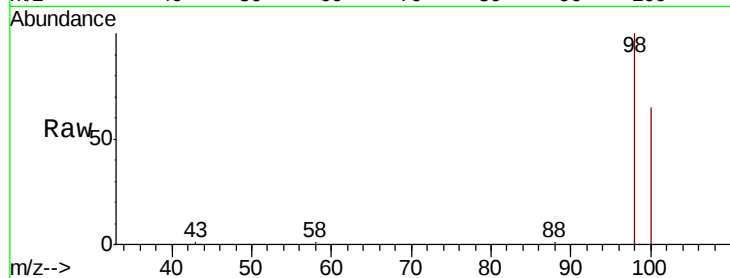
ClientSampled :

Tot Ion: 98 Resp: 32658

Ion Ratio Lower Upper

98 100

100 64.5 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN056960.D (-1431) (-)

Ion 100.00 (99.70 to 100.70): VN056960.D (-1431) (-)

10.09

15000

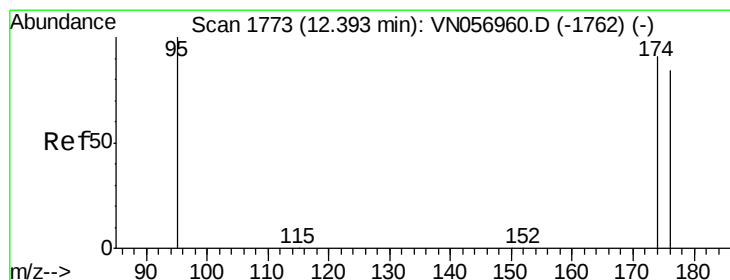
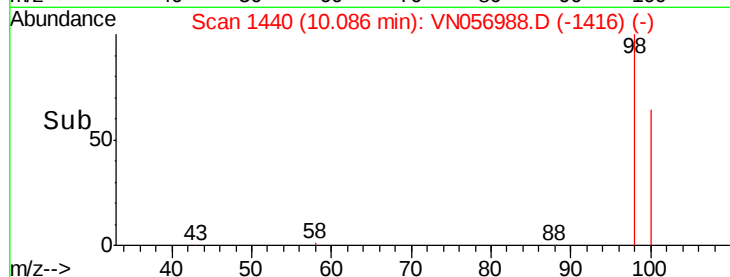
10000

5000

0

Time-->

10.00 10.20



#7

4-Bromofluorobenzene

Concen: 4.411 ug/l

RT: 12.39 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056988.D

Acq: 30 Jul 2019 19:49

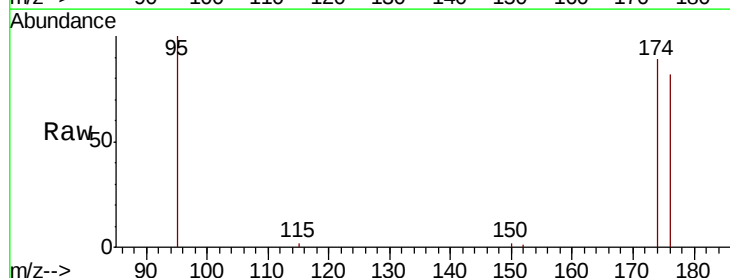
Tgt Ion: 95 Resp: 7345

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.4

176 81.8 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056960.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056960.D (-1762) (-)

12.39

4000

3000

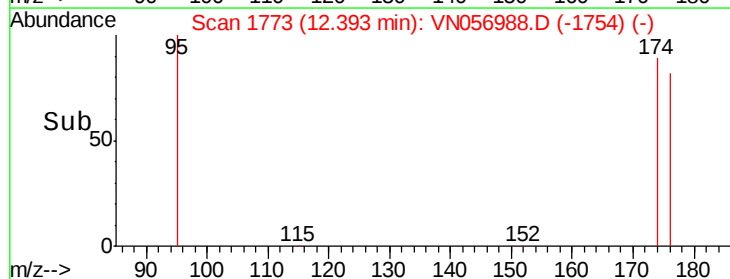
2000

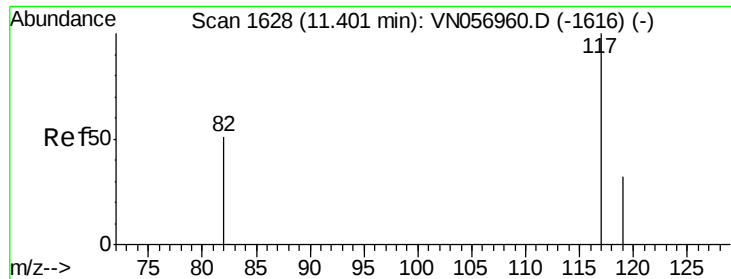
1000

0

Time-->

12.20 12.40 12.60

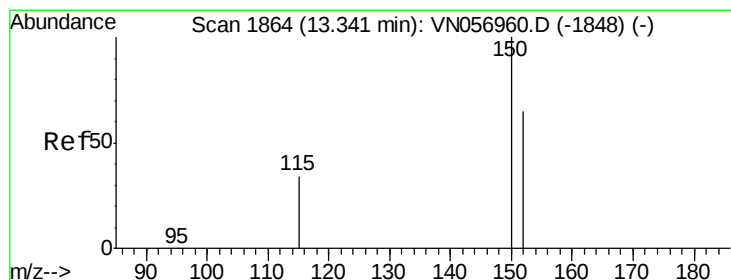
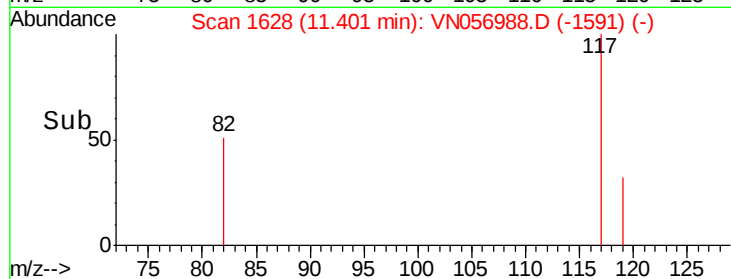
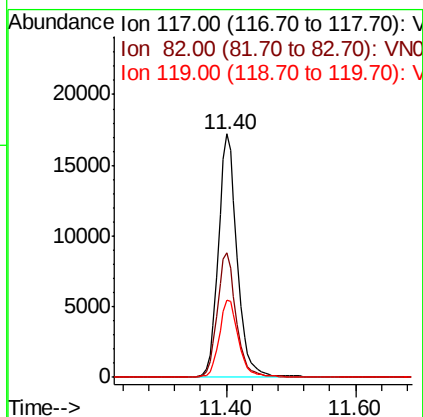
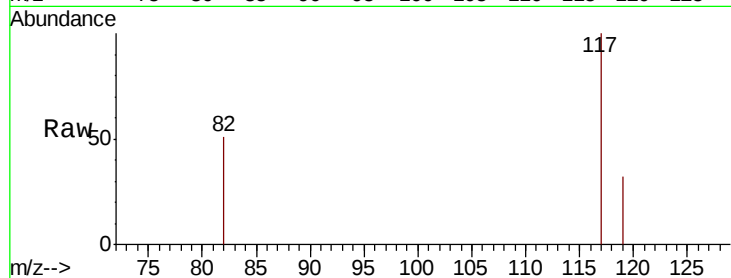




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.40 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN056988.D
Acq: 30 Jul 2019 19:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 34329
Ion Ratio Lower Upper
117 100
82 51.4 40.7 61.1
119 31.7 25.6 38.4



#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.34 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN056988.D
Acq: 30 Jul 2019 19:49

Tgt Ion:152 Resp: 4876
Ion Ratio Lower Upper
152 100
115 54.2 27.0 80.8
150 154.8 0.0 306.8

