

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071119\
 Data File : VN056664.D
 Acq On : 11 Jul 2019 13:49
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 12 04:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:54:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	42675	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	73607	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	49099	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	10480	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	28239	5.52	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	110.40%
5) Dibromofluoromethane	7.59	113	21485	5.53	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	110.60%
6) Toluene-d8	10.09	98	46574	4.96	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.20%
7) 4-Bromofluorobenzene	12.39	95	15457	4.59	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	91.80%

Target Compounds

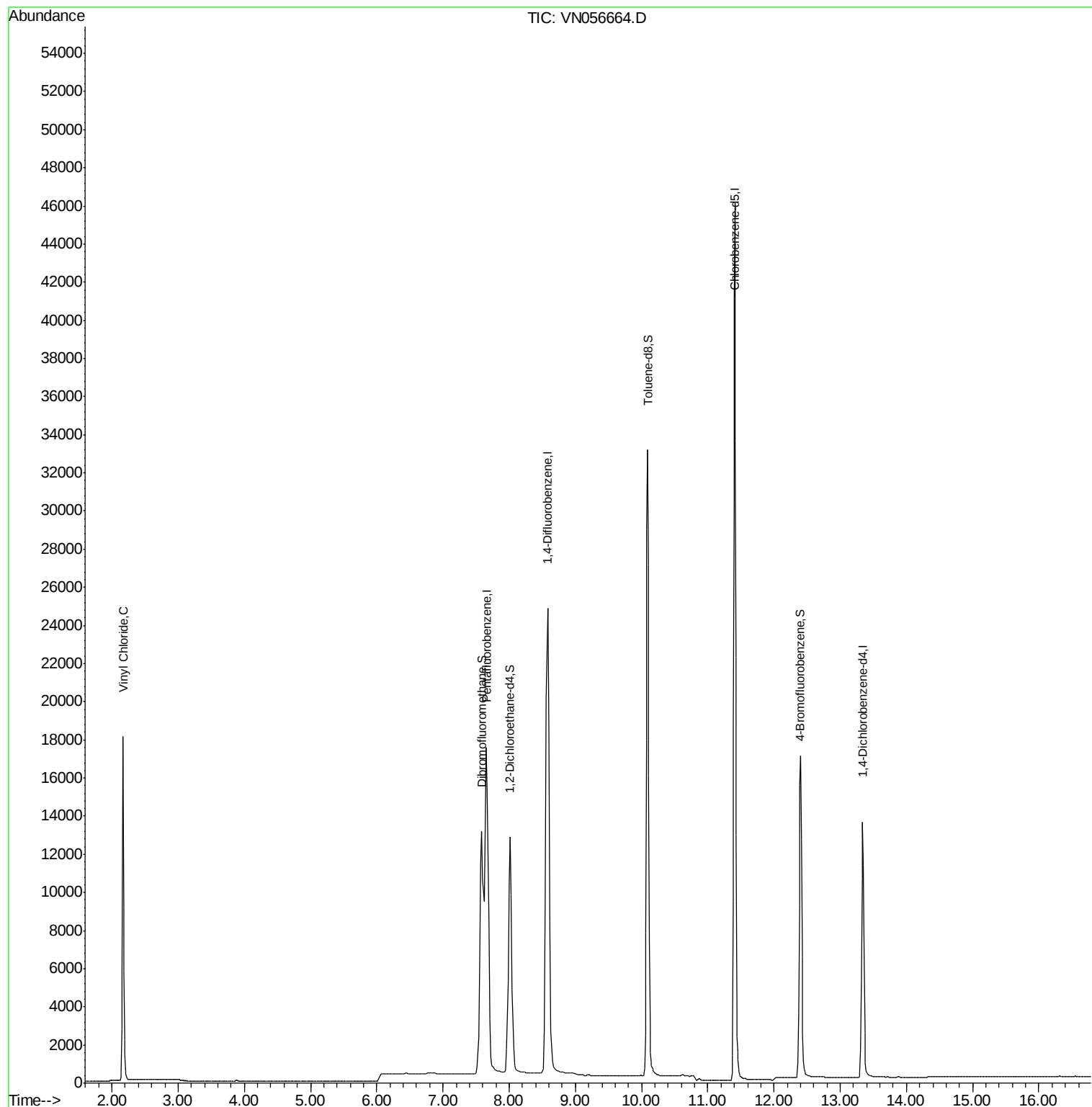
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	21362	5.321	ug/l	100

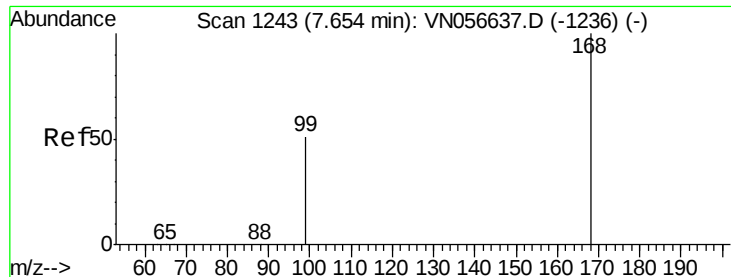
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:55:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 04:54:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

Instrument :

MSVOA_N

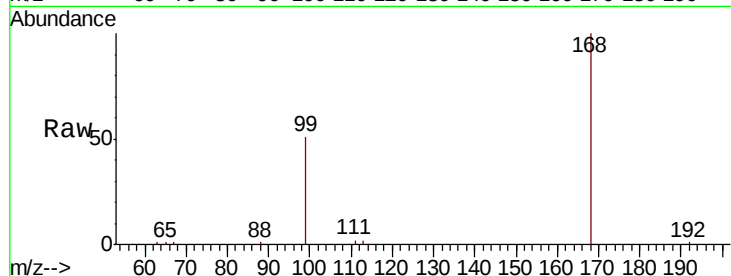
ClientSampleId :

Tot Ion:168 Resp: 42675

Ion Ratio Lower Upper

168 100

99 51.4 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): VN056637.D (-1236) (-)

Ion 99.00 (98.70 to 99.70): VN056637.D (-1236) (-)

7.65

12000

10000

8000

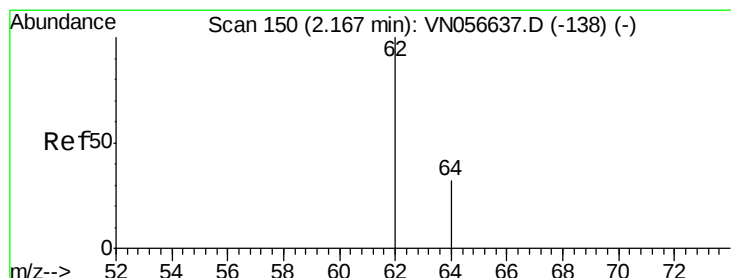
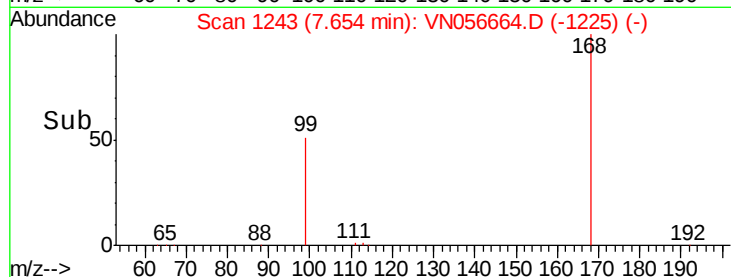
6000

4000

2000

0

Time-->



#2

Vinyl Chloride

Concen: 5.321 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056664.D

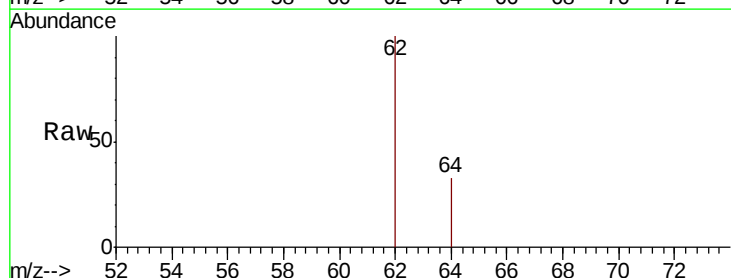
Acq: 11 Jul 2019 13:49

Tgt Ion: 62 Resp: 21362

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VN056637.D (-138) (-)

Ion 64.00 (63.70 to 64.70): VN056637.D (-138) (-)

2.17

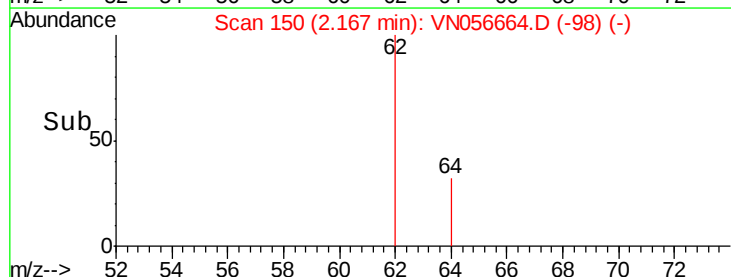
15000

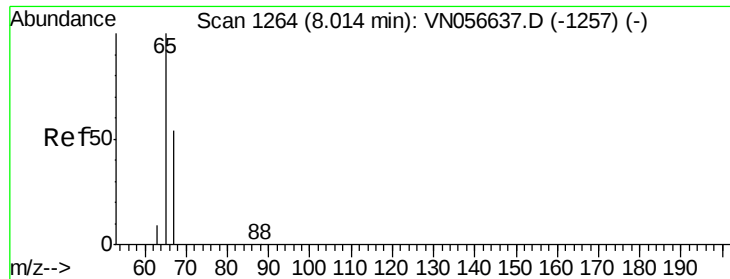
10000

5000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.517 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

Instrument :

MSVOA_N

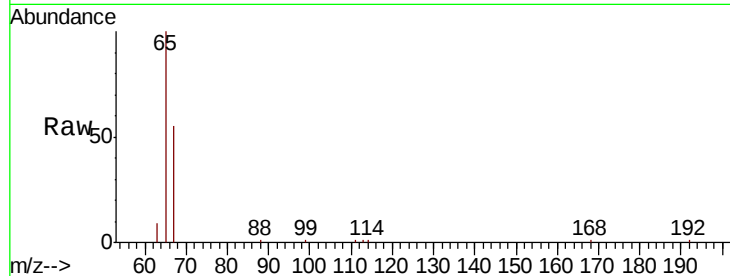
ClientSampleId :

Tot Ion: 65 Resp: 28239

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056664.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN056664.D (-1246) (-)

8.01

8000

6000

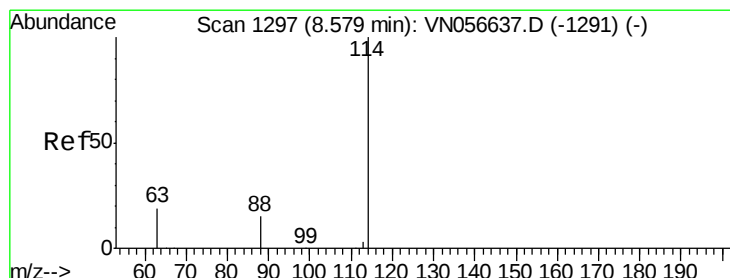
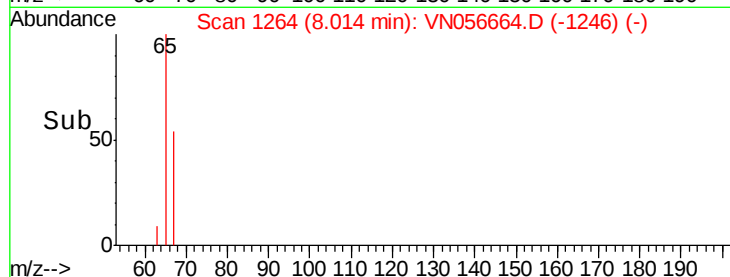
4000

2000

0

7.80 8.00 8.20

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

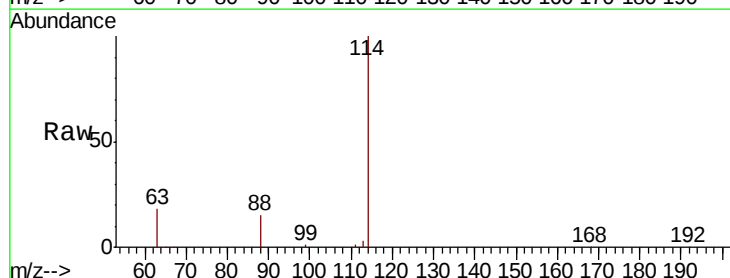
Tgt Ion: 114 Resp: 73607

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

88 15.3 0.0 30.8



Abundance Ion 114.00 (113.70 to 114.70): VN056664.D (-1268) (-)

Ion 63.00 (62.70 to 63.70): VN056664.D (-1268) (-)

Ion 88.00 (87.70 to 88.70): VN056664.D (-1268) (-)

8.58

20000

15000

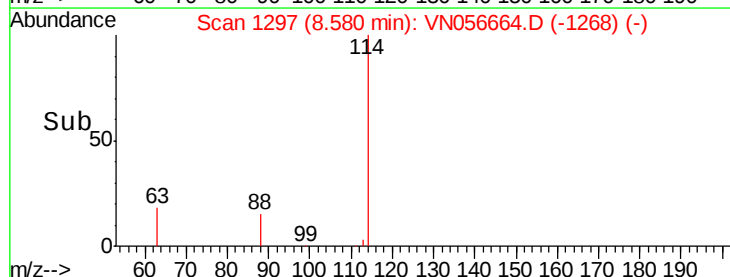
10000

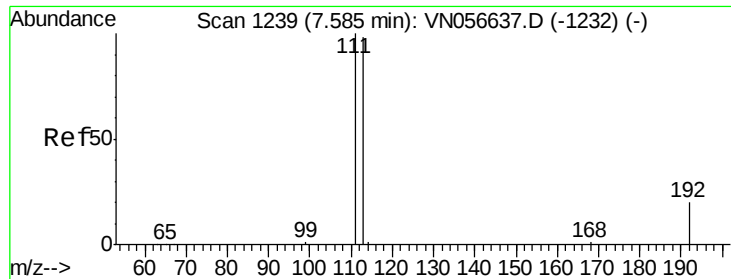
5000

0

8.50 9.00

Time-->

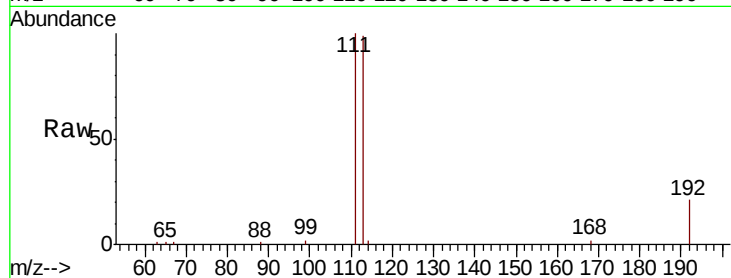




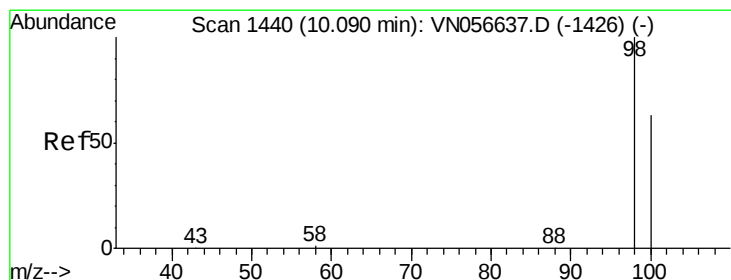
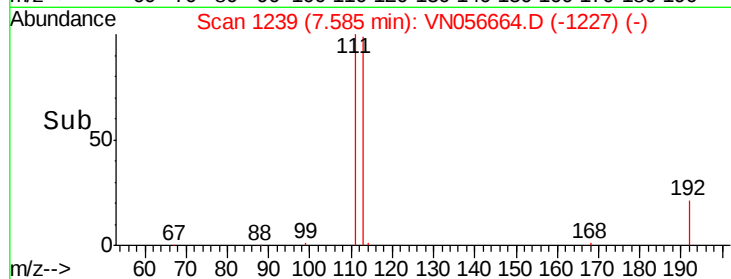
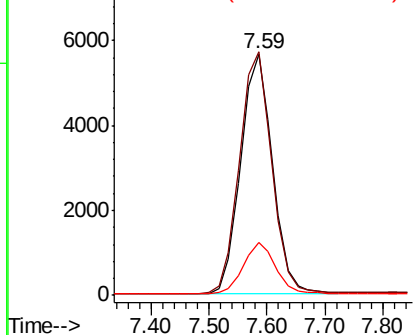
#5
 Dibromofluoromethane
 Concen: 5.528 ug/l
 RT: 7.59 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VN056664.D
 Acq: 11 Jul 2019 13:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 21485
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.3 121.9
 192 21.6 16.9 25.3

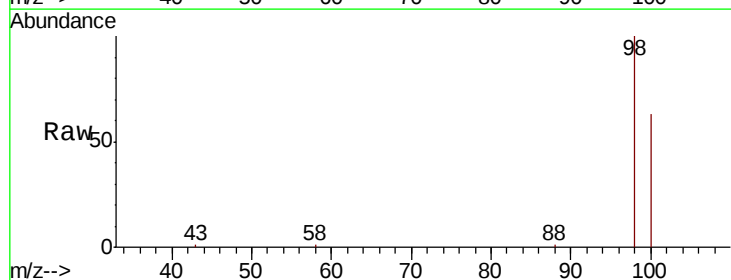


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

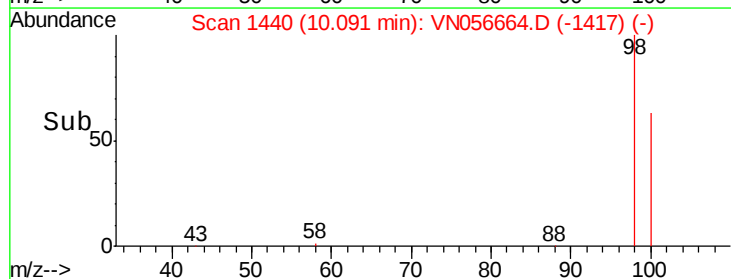
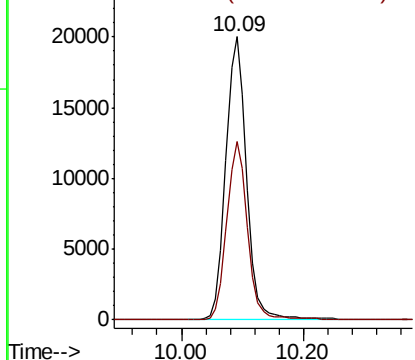


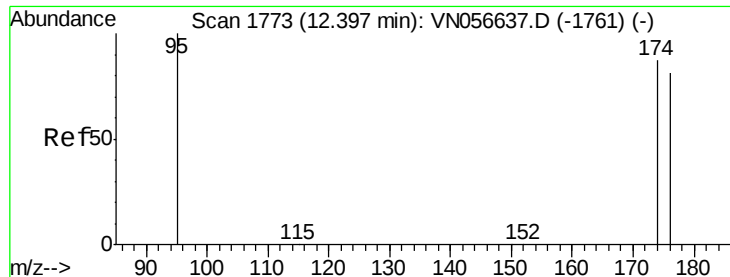
#6
 Toluene-d8
 Concen: 4.956 ug/l
 RT: 10.09 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VN056664.D
 Acq: 11 Jul 2019 13:49

Tgt Ion: 98 Resp: 46574
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.591 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

Instrument :

MSVOA_N

ClientSampleId :

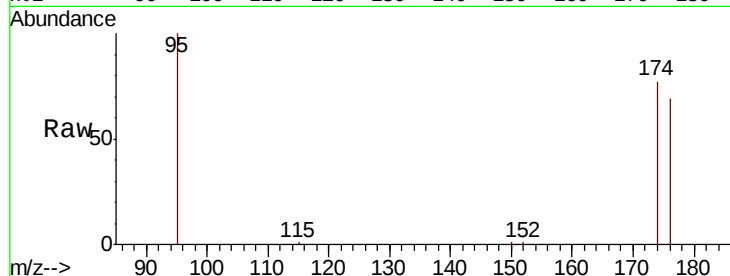
Tot Ion: 95 Resp: 15457

Ion Ratio Lower Upper

95 100

174 77.2 0.0 174.2

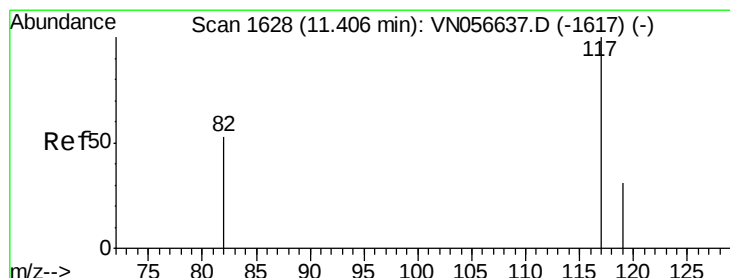
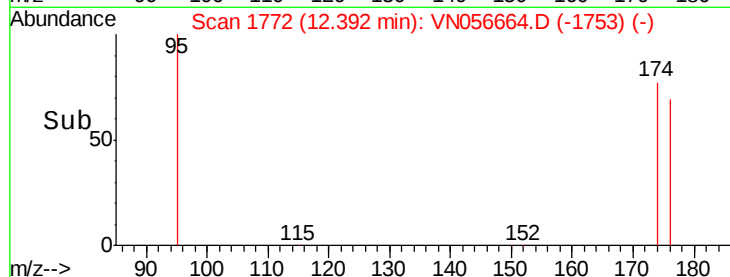
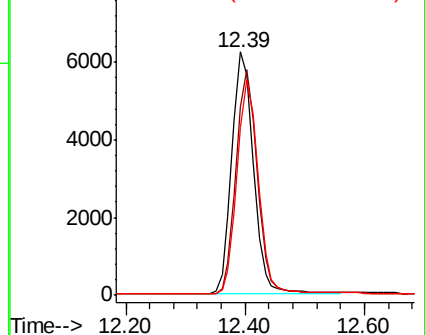
176 69.2 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056637.D (-1761) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

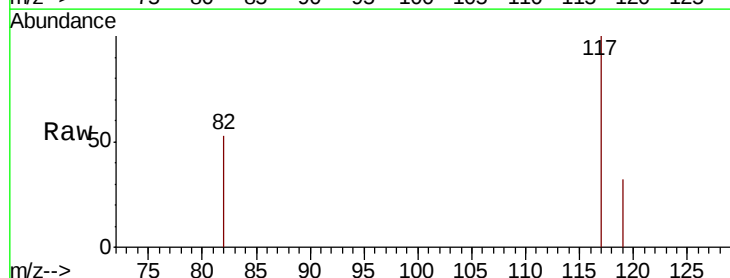
Tgt Ion: 117 Resp: 49099

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

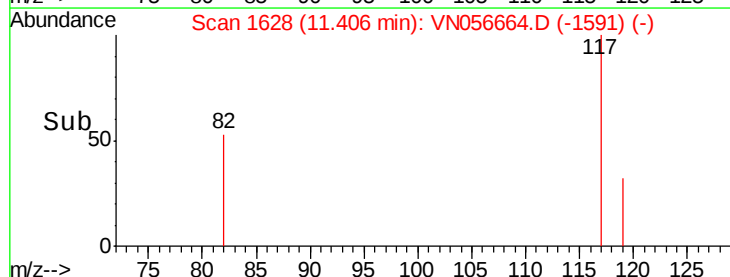
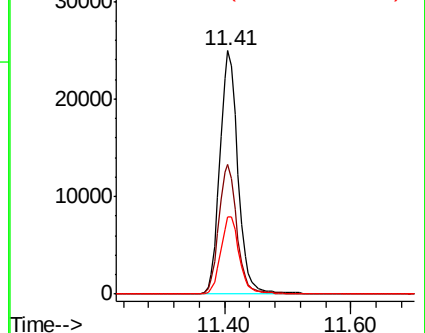
119 31.8 25.0 37.6

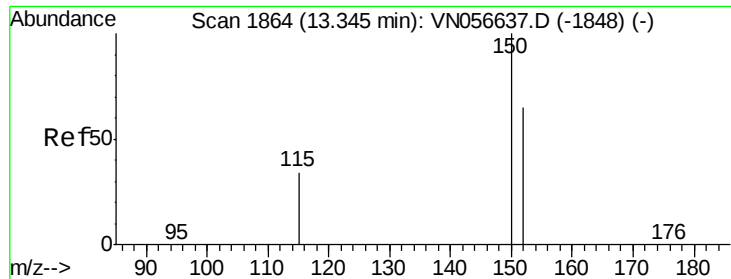


Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056637.D (-1617) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056664.D

Acq: 11 Jul 2019 13:49

Instrument :

MSVOA_N

ClientSampleId :

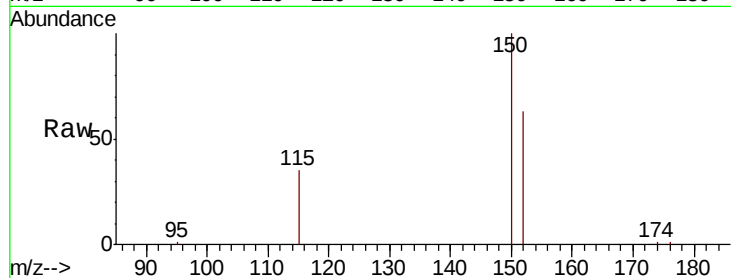
Tot Ion:152 Resp: 10480

Ion Ratio Lower Upper

152 100

115 55.9 26.5 79.4

150 157.9 0.0 306.0



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

