

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056646.D
 Acq On : 10 Jul 2019 15:37
 Operator : JC/SP
 Sample : K3636-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0961-9001

Quant Time: Jul 11 07:19:00 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	7.66	168	49852	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	84528	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	57206	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	14214	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.02	65	29175	4.88	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.60%
5) Dibromofluoromethane	7.59	113	22365	5.01	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.20%
6) Toluene-d8	10.09	98	53409	4.95	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.00%
7) 4-Bromofluorobenzene	12.39	95	19263	4.98	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	99.60%

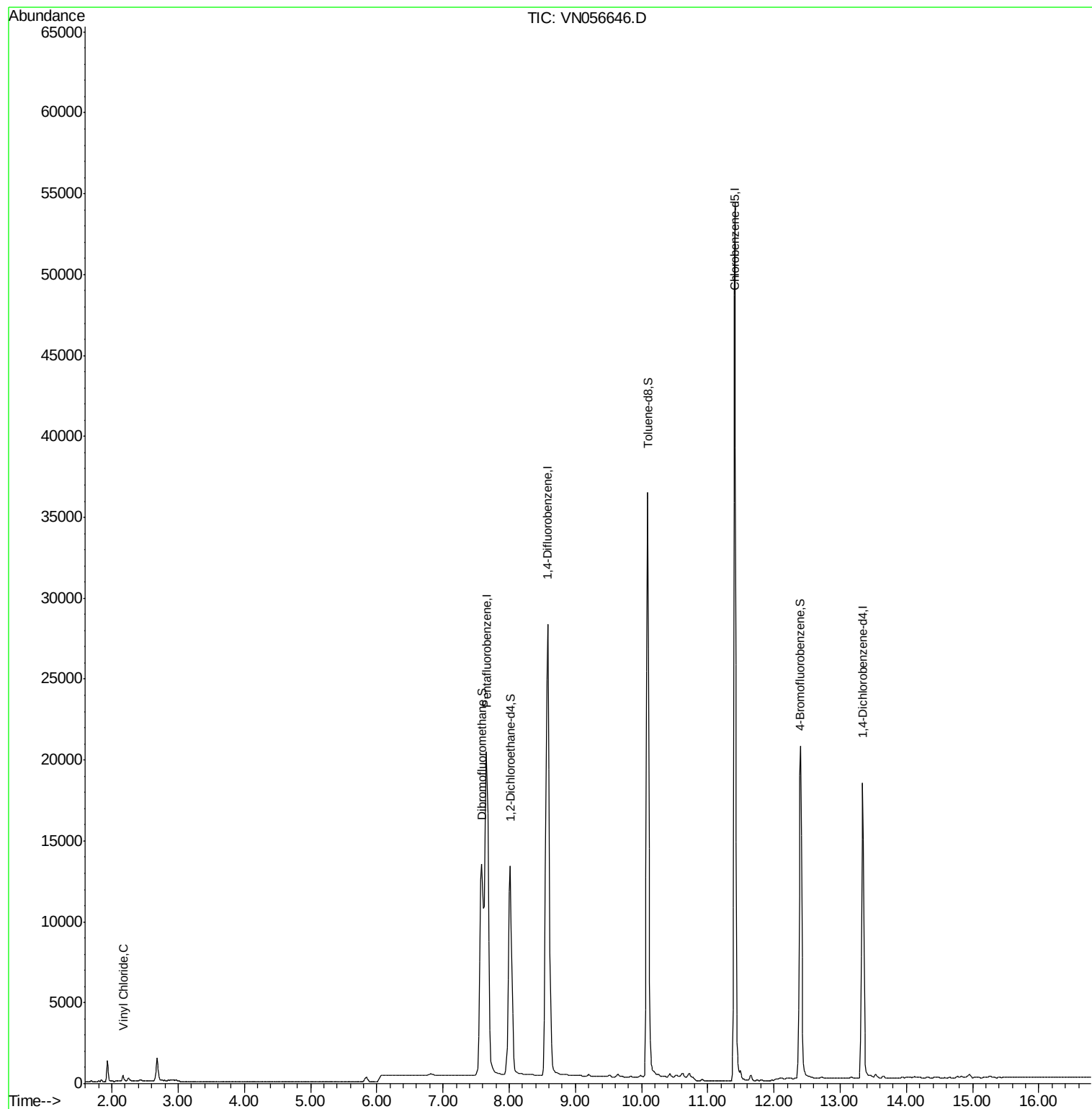
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	440	0.094 ug/l #	63

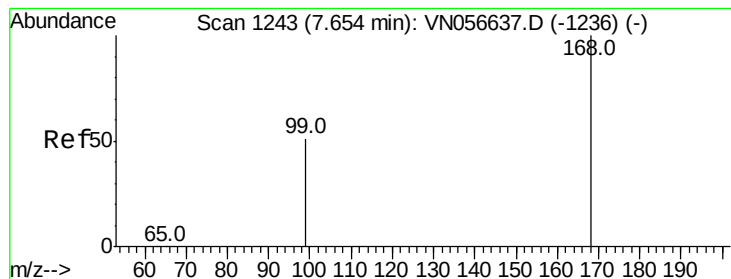
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

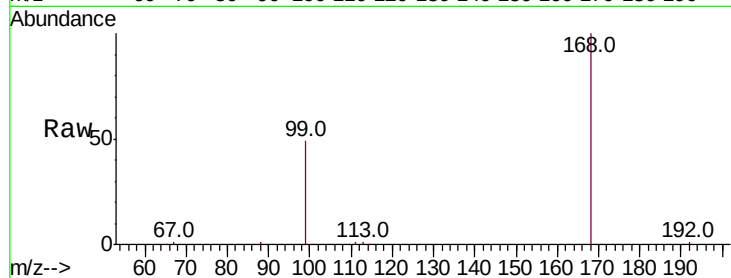
SP19-JMW0961-9001

Tot Ion:168 Resp: 49852

Ion Ratio Lower Upper

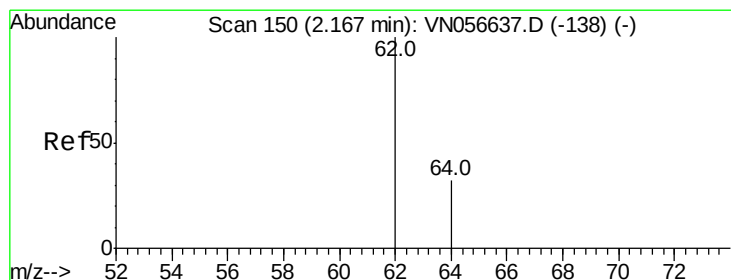
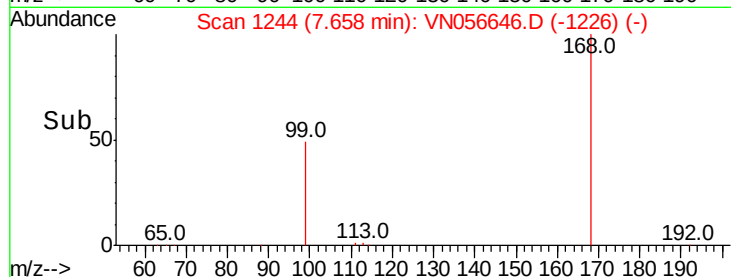
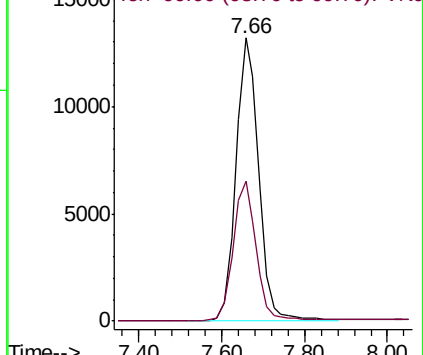
168 100

99 49.4 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): VN056646.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN056646.D (-1226) (-)



#2

Vinyl Chloride

Concen: 0.094 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056646.D

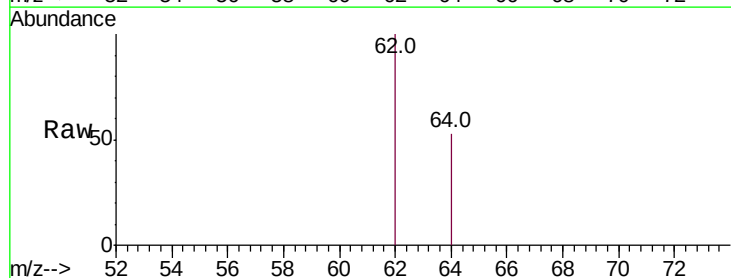
Acq: 10 Jul 2019 15:37

Tgt Ion: 62 Resp: 440

Ion Ratio Lower Upper

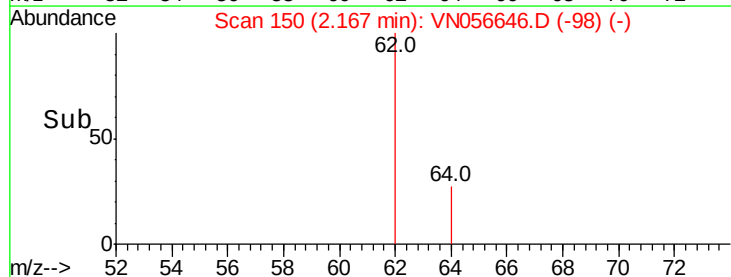
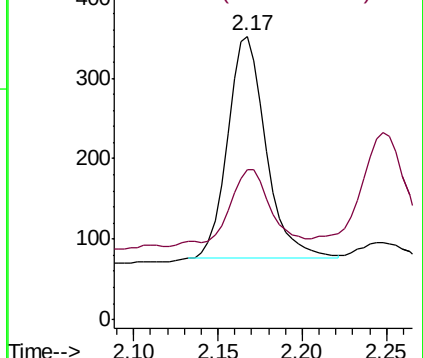
62 100

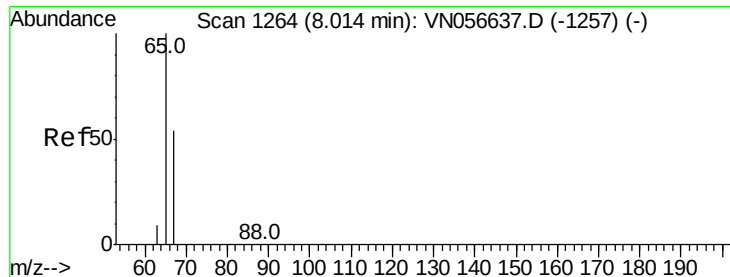
64 53.1 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VN056646.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056646.D (-98) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.879 ug/l

RT: 8.02 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

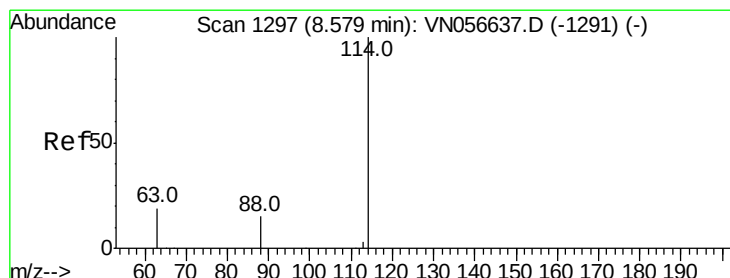
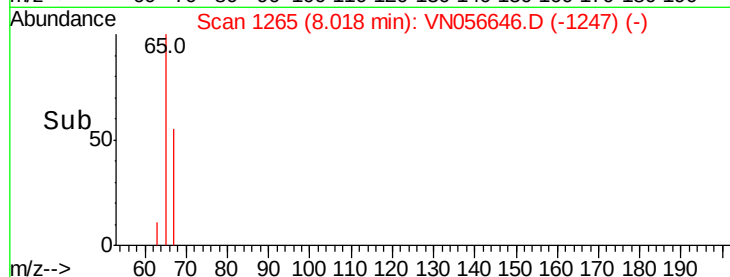
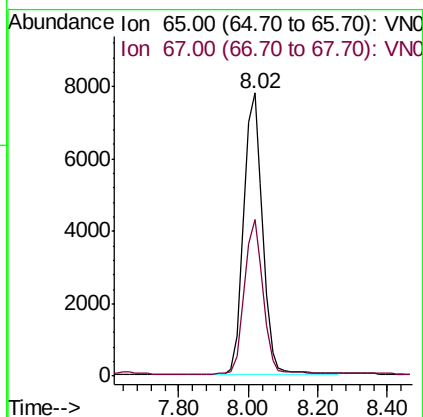
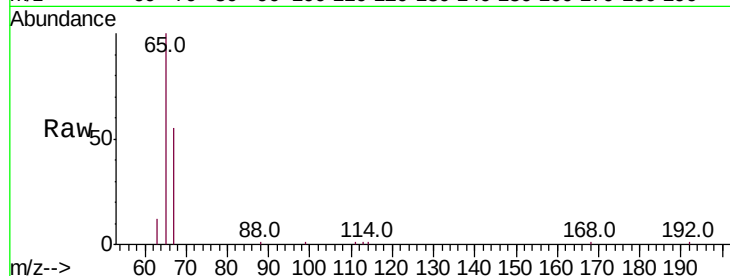
SP19-JMW0961-9001

Tot Ion: 65 Resp: 29175

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.4



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1298

Delta R.T. 0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

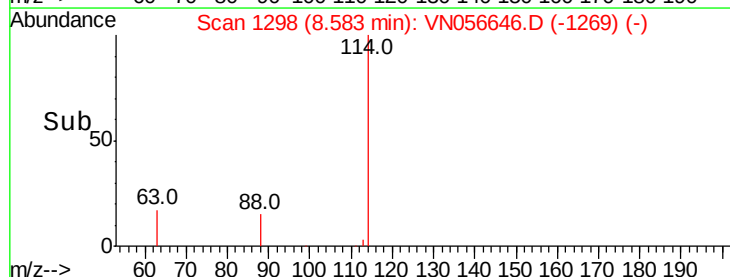
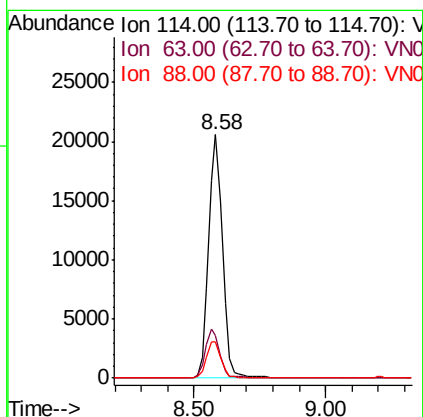
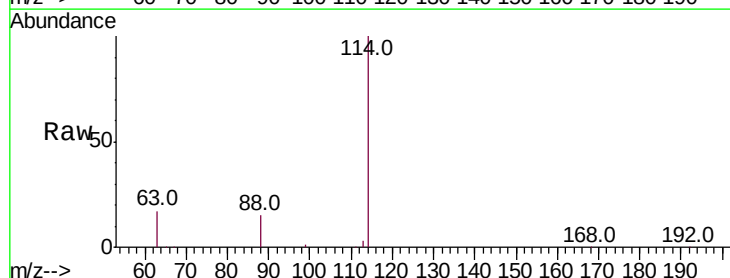
Tgt Ion: 114 Resp: 84528

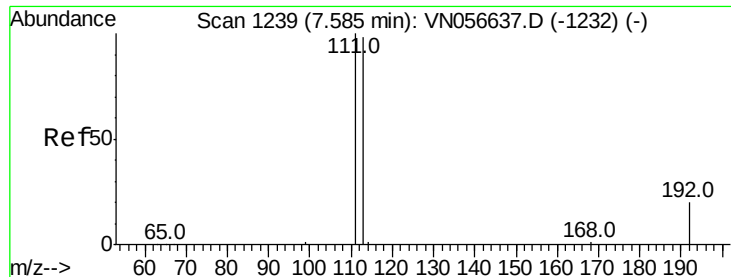
Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.6

88 15.0 0.0 30.8





#5

Dibromofluoromethane

Concen: 5.011 ug/l

RT: 7.59 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0961-9001

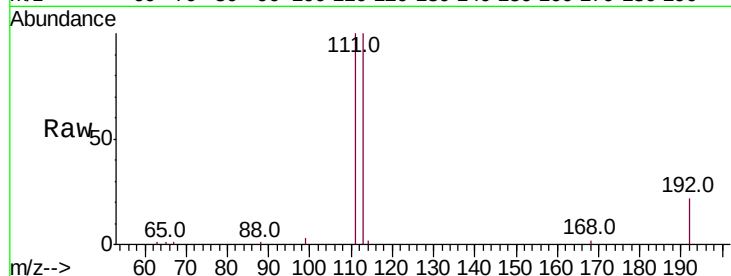
Tot Ion:113 Resp: 22365

Ion Ratio Lower Upper

113 100

111 100.1 81.3 121.9

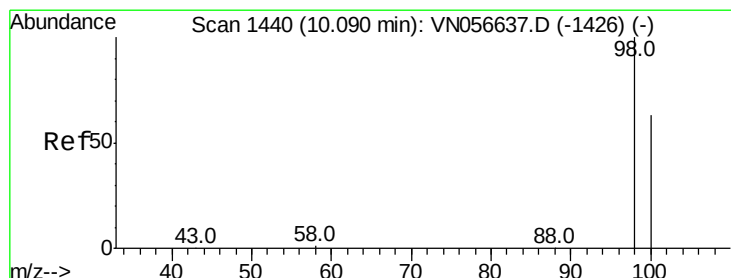
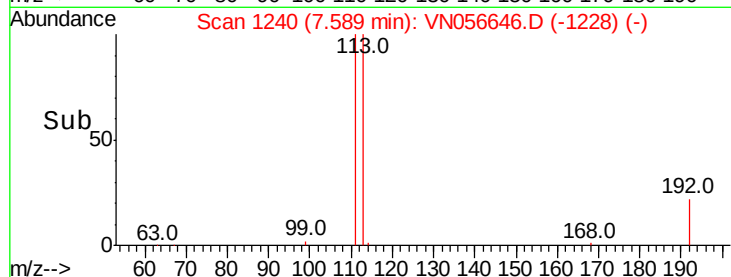
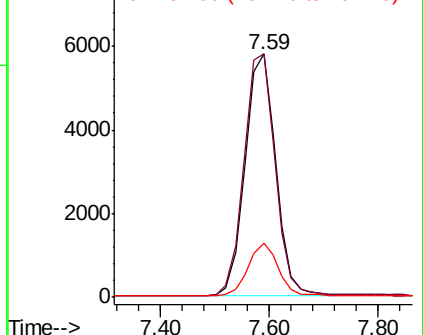
192 22.3 16.9 25.3



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: 4.949 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056646.D

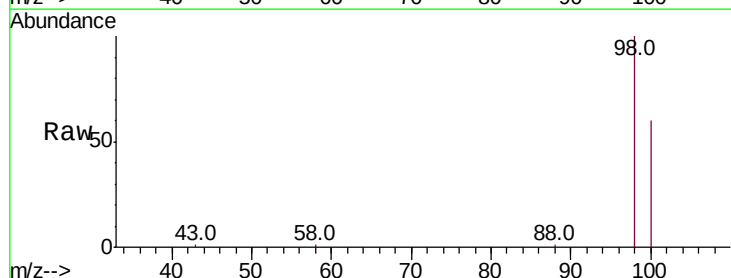
Acq: 10 Jul 2019 15:37

Tgt Ion: 98 Resp: 53409

Ion Ratio Lower Upper

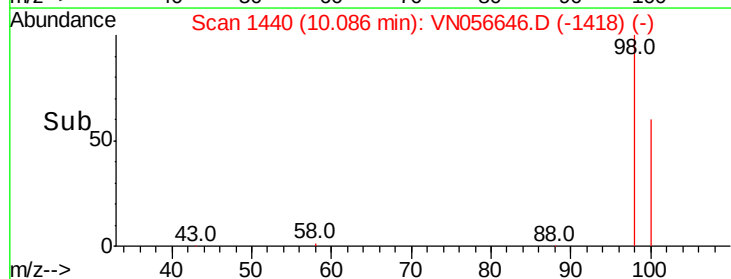
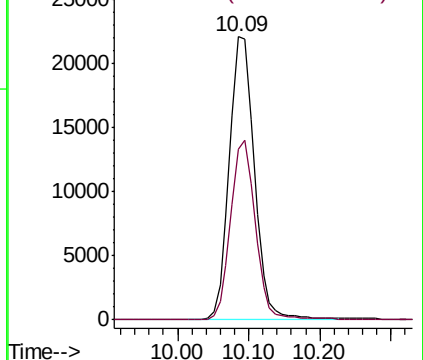
98 100

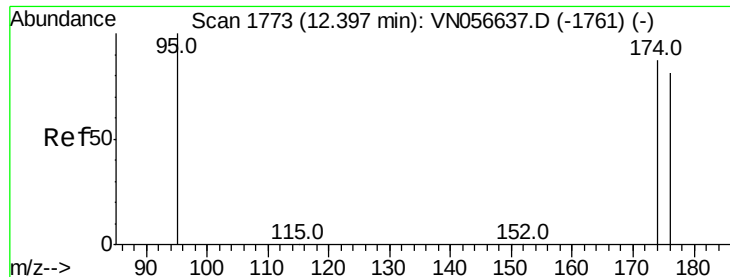
100 60.3 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.982 ug/l

RT: 12.39 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0961-9001

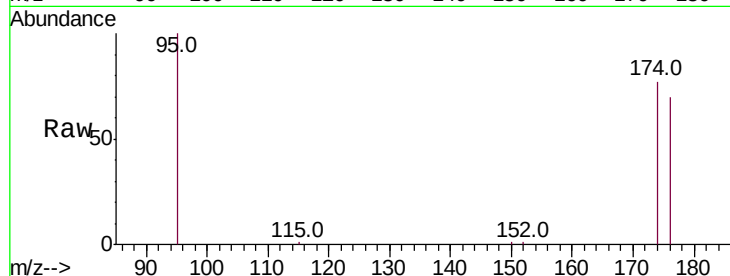
Tot Ion: 95 Resp: 19263

Ion Ratio Lower Upper

95 100

174 77.0 0.0 174.2

176 69.7 0.0 162.0

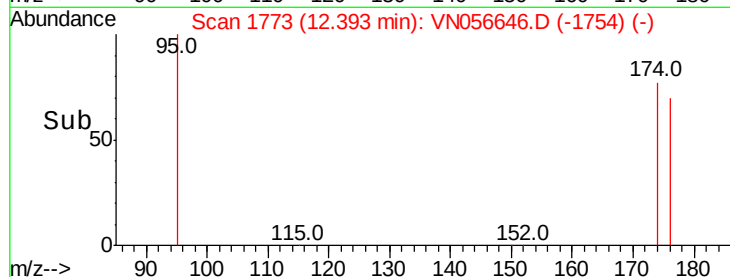


Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

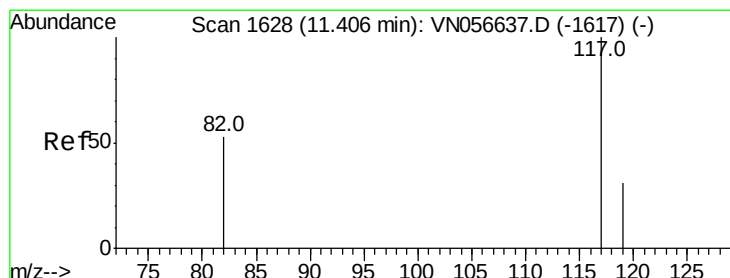
Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

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

12.39



Time--> 12.20 12.30 12.40 12.50



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN056646.D

Acq: 10 Jul 2019 15:37

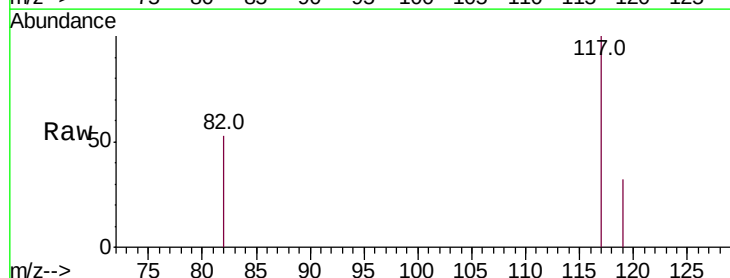
Tgt Ion: 117 Resp: 57206

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

119 31.5 25.0 37.6

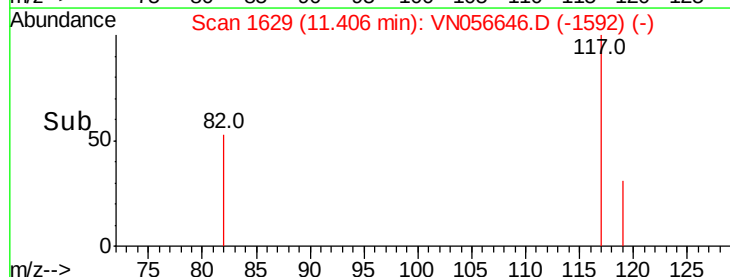


Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

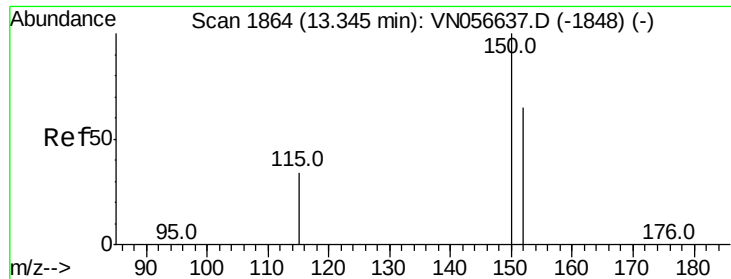
Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

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

11.41



Time--> 11.40 11.60



#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.34 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN056646.D
 Acq: 10 Jul 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0961-9001

Tot Ion:152 Resp: 14214
 Ion Ratio Lower Upper
 152 100
 115 55.6 26.5 79.4
 150 157.2 0.0 306.0

