

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056915.D
 Acq On : 24 Jul 2019 16:14
 Operator : JC/SP
 Sample : K3921-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU19-MSW0620MS

Quant Time: Jul 25 01:33:44 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	47681	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	78637	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	47247	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7171	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	26617	4.83	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	96.60%
5) Dibromofluoromethane	7.59	113	21972	4.83	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	96.60%
6) Toluene-d8	10.09	98	44897	4.82	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	96.40%
7) 4-Bromofluorobenzene	12.40	95	11313	4.69	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	93.80%

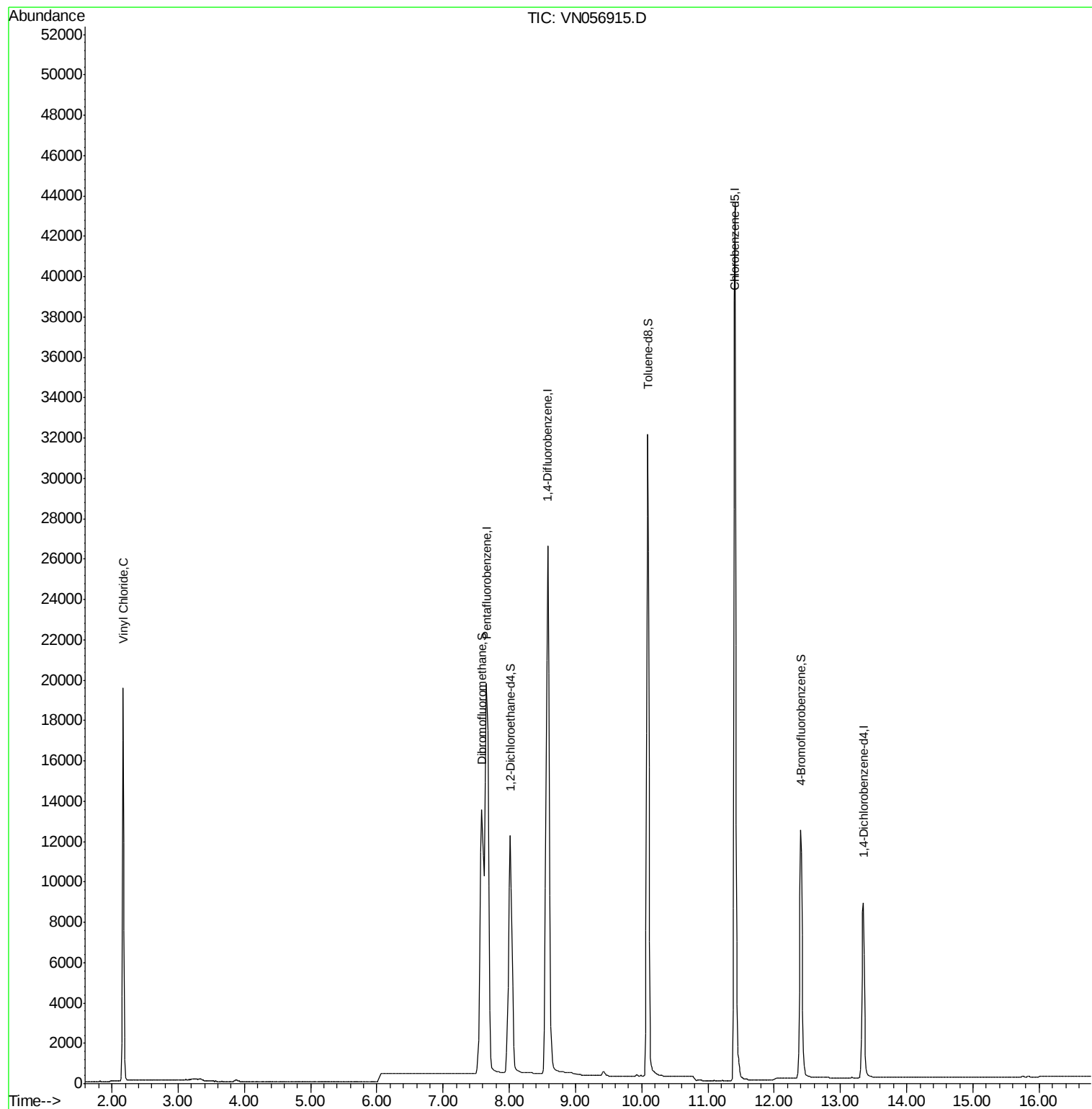
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	22376	5.374	ug/l 100

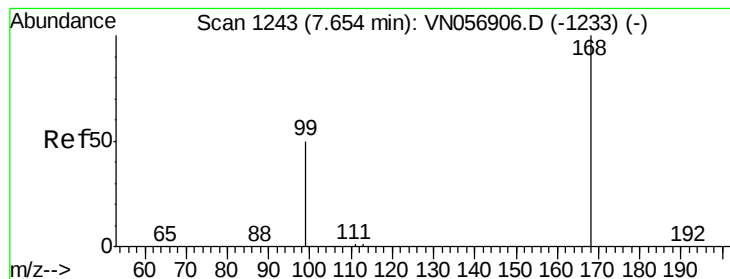
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

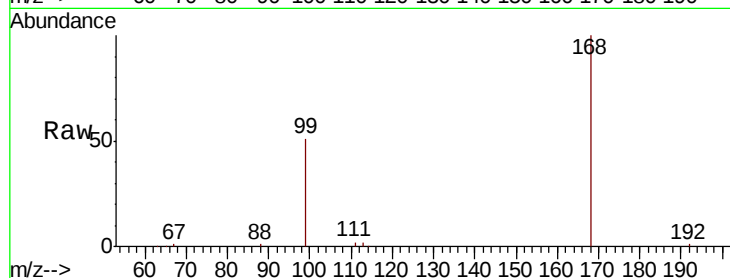
SU19-MSW0620MS

Tot Ion:168 Resp: 47681

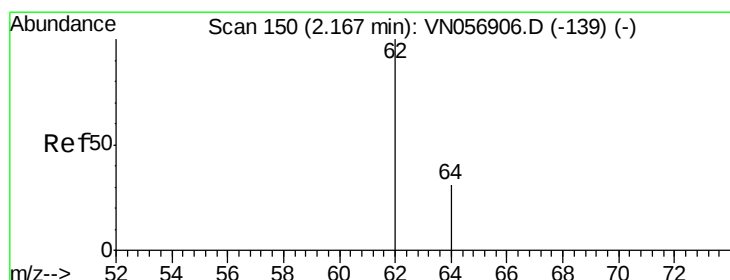
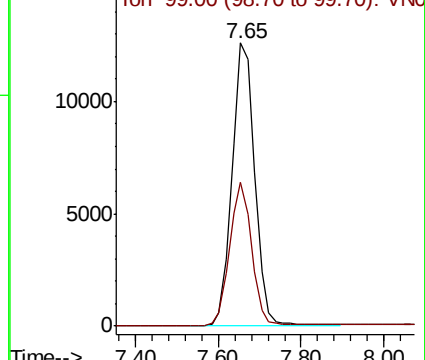
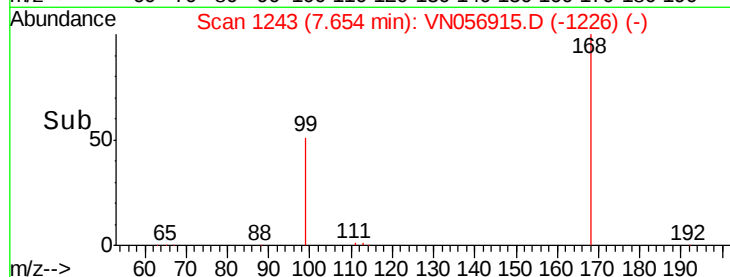
Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): VN056915.D (-1226) (-)



#2

Vinyl Chloride

Concen: 5.374 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056915.D

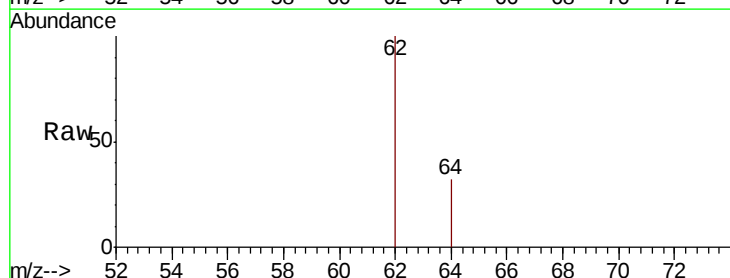
Acq: 24 Jul 2019 16:14

Tgt Ion: 62 Resp: 22376

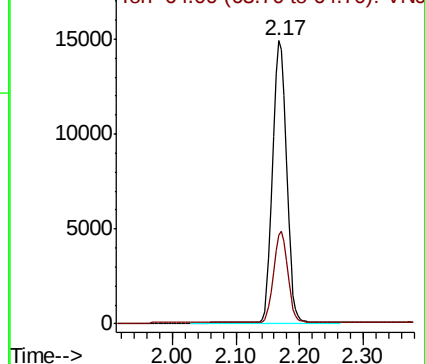
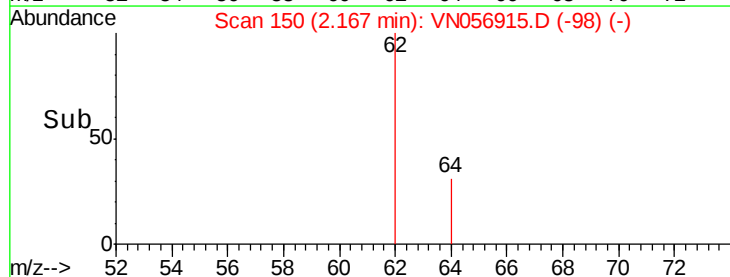
Ion Ratio Lower Upper

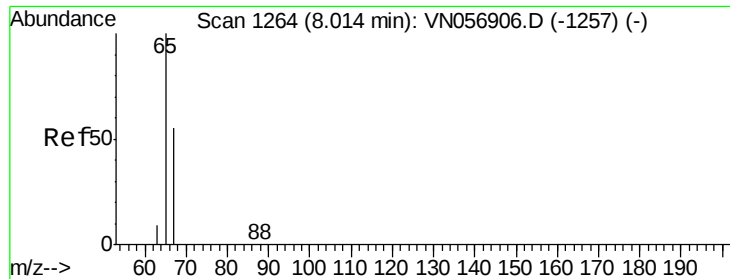
62 100

64 31.5 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VN056915.D (-98) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.833 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

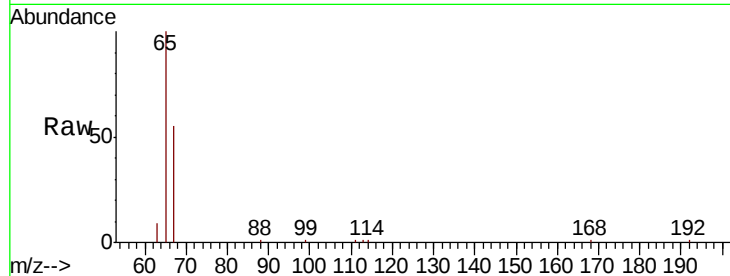
SU19-MSW0620MS

Tot Ion: 65 Resp: 26617

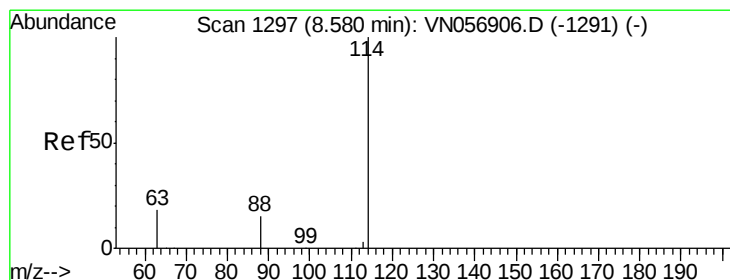
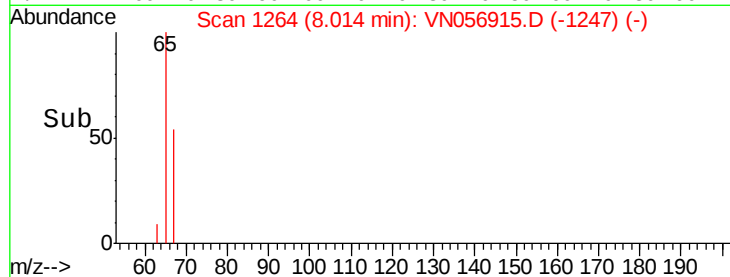
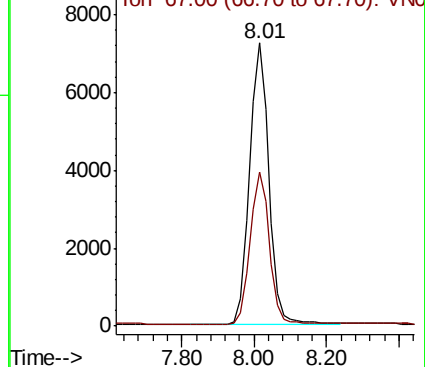
Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



Abundance Ion 65.00 (64.70 to 65.70): VN056915.D (-1247) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

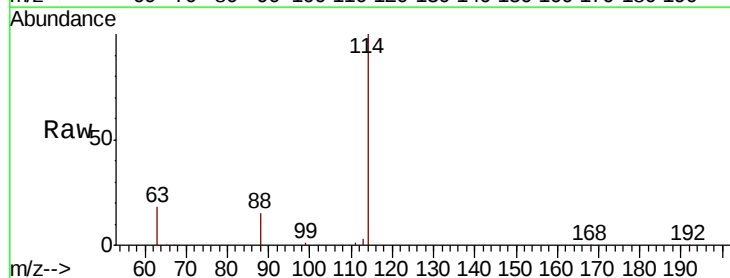
Tgt Ion: 114 Resp: 78637

Ion Ratio Lower Upper

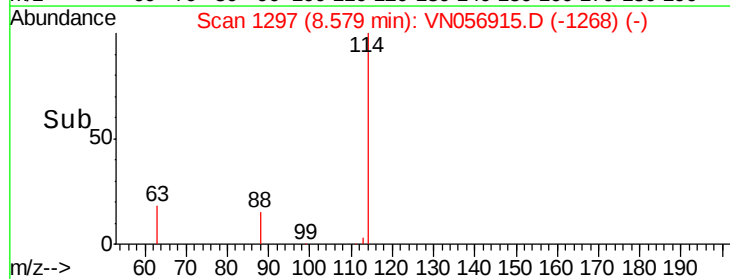
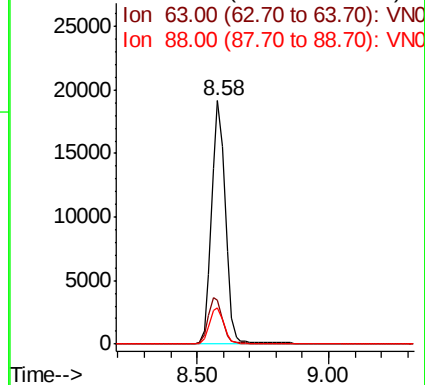
114 100

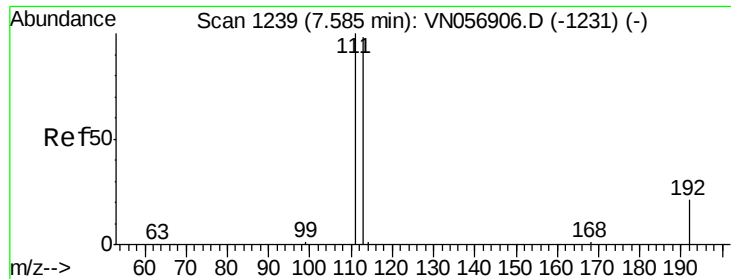
63 18.1 0.0 36.2

88 15.1 0.0 30.2



Abundance Ion 114.00 (113.70 to 114.70): VN056915.D (-1268) (-)





#5

Dibromofluoromethane

Concen: 4.834 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0620MS

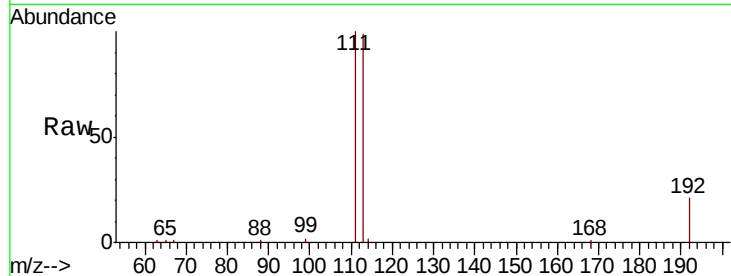
Tot Ion: 113 Resp: 21972

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

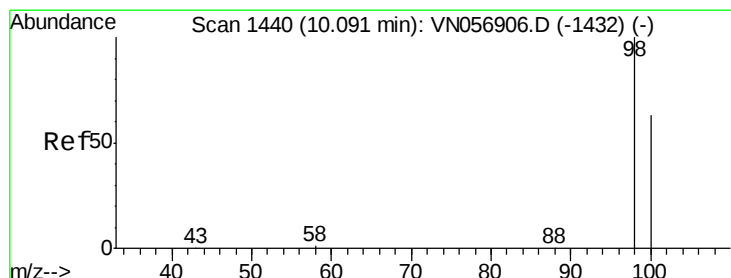
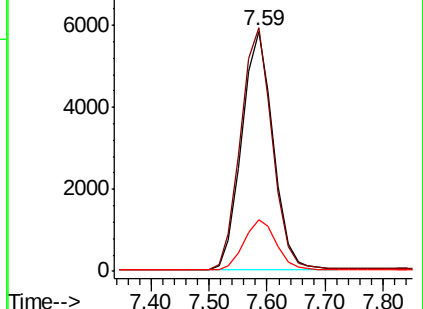
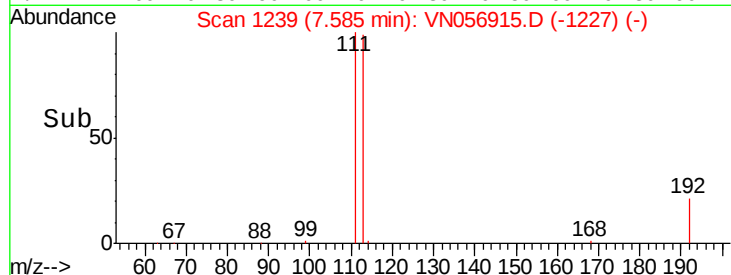
192 21.7 17.4 26.0



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: 4.815 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056915.D

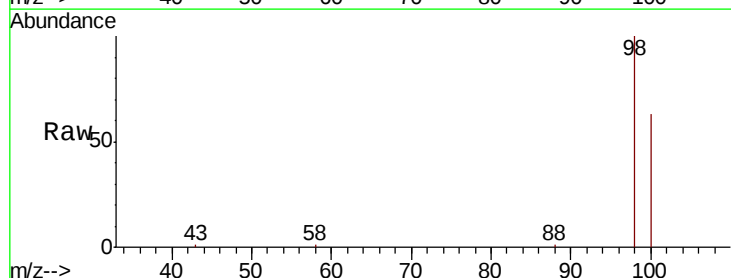
Acq: 24 Jul 2019 16:14

Tgt Ion: 98 Resp: 44897

Ion Ratio Lower Upper

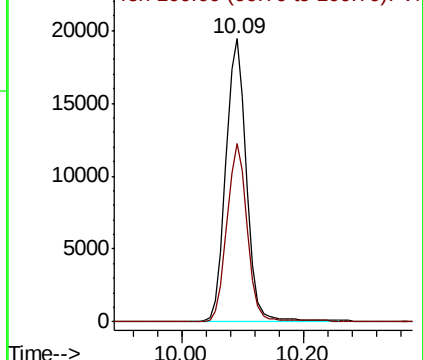
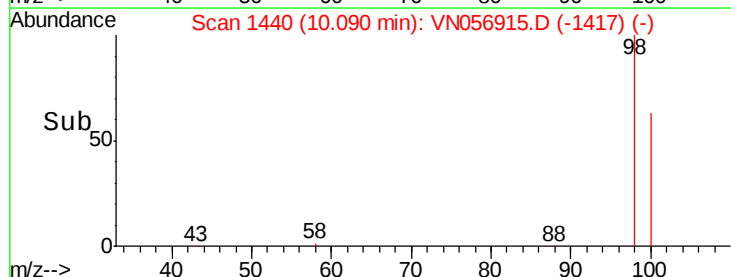
98 100

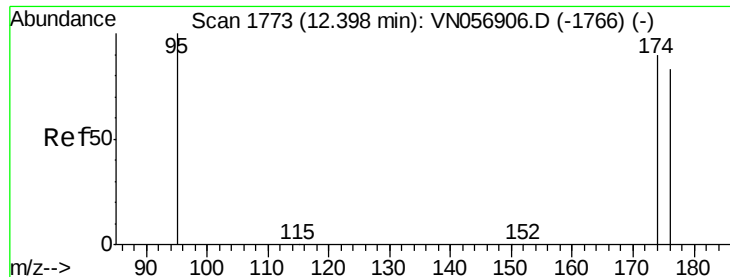
100 63.1 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.695 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0620MS

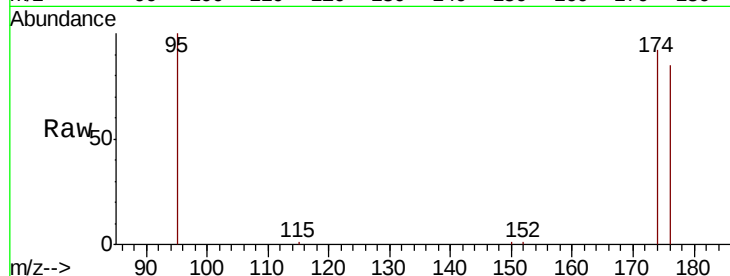
Tot Ion: 95 Resp: 11313

Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.8

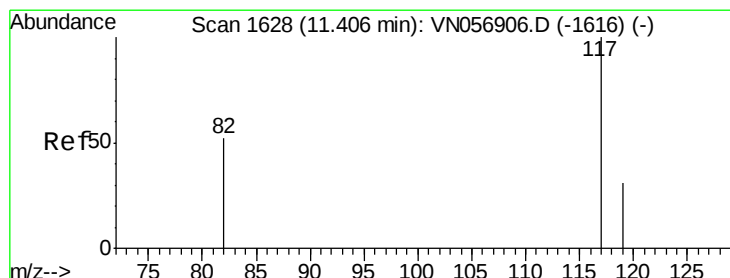
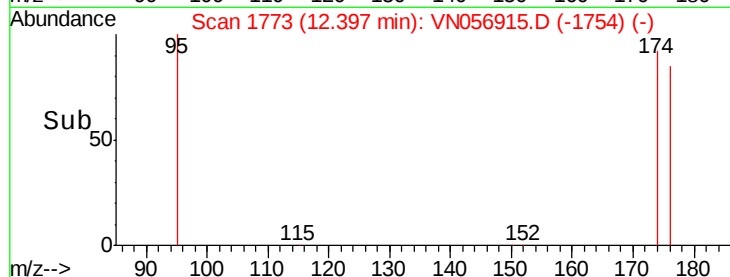
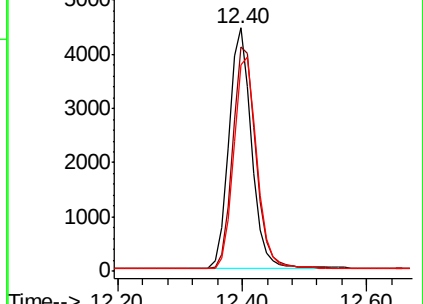
176 84.6 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056915.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056915.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056915.D (-1766) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

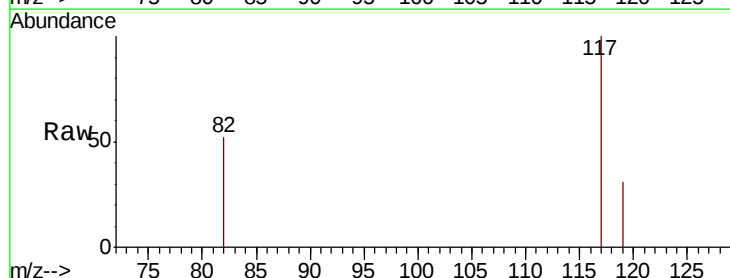
Tgt Ion: 117 Resp: 47247

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

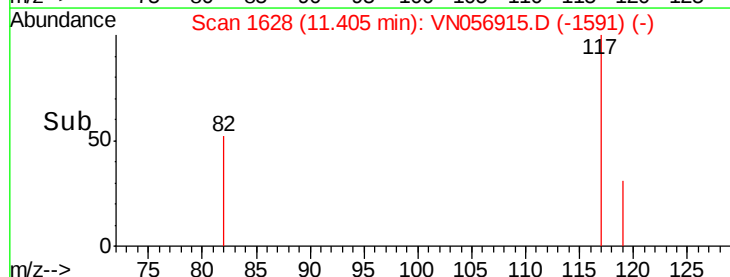
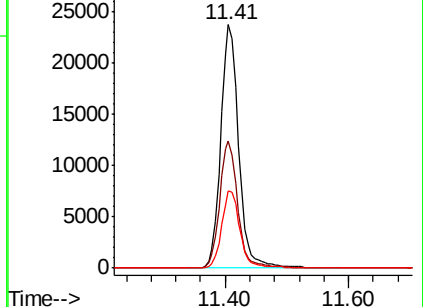
119 31.5 25.1 37.7

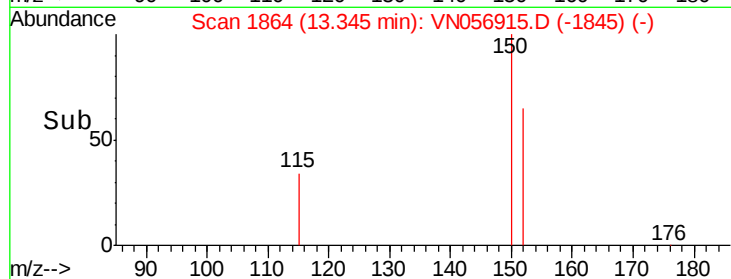
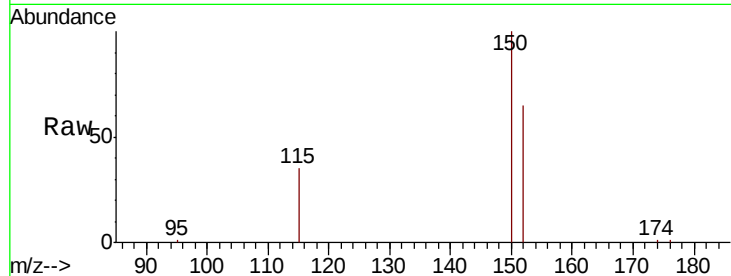
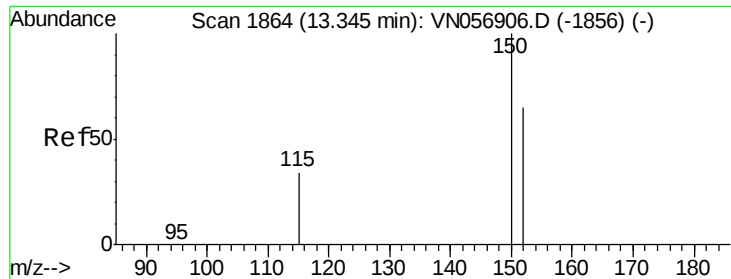


Abundance Ion 117.00 (116.70 to 117.70): VN056915.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056915.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056915.D (-1591) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN056915.D

Acq: 24 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0620MS

Tot Ion:152 Resp: 7171

Ion Ratio Lower Upper

152 100

115 53.0 26.5 79.4

150 153.0 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

