

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056917.D
 Acq On : 24 Jul 2019 17:03
 Operator : JC/SP
 Sample : VN0725WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD01

Quant Time: Jul 25 01:33:58 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	7.66	168	48180	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	79511	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	47613	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	7469	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.02	65	27671	4.97	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	99.40%
5) Dibromofluoromethane	7.59	113	22765	4.95	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	99.00%
6) Toluene-d8	10.09	98	46010	4.88	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.60%
7) 4-Bromofluorobenzene	12.39	95	11837	4.86	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	97.20%

Target Compounds

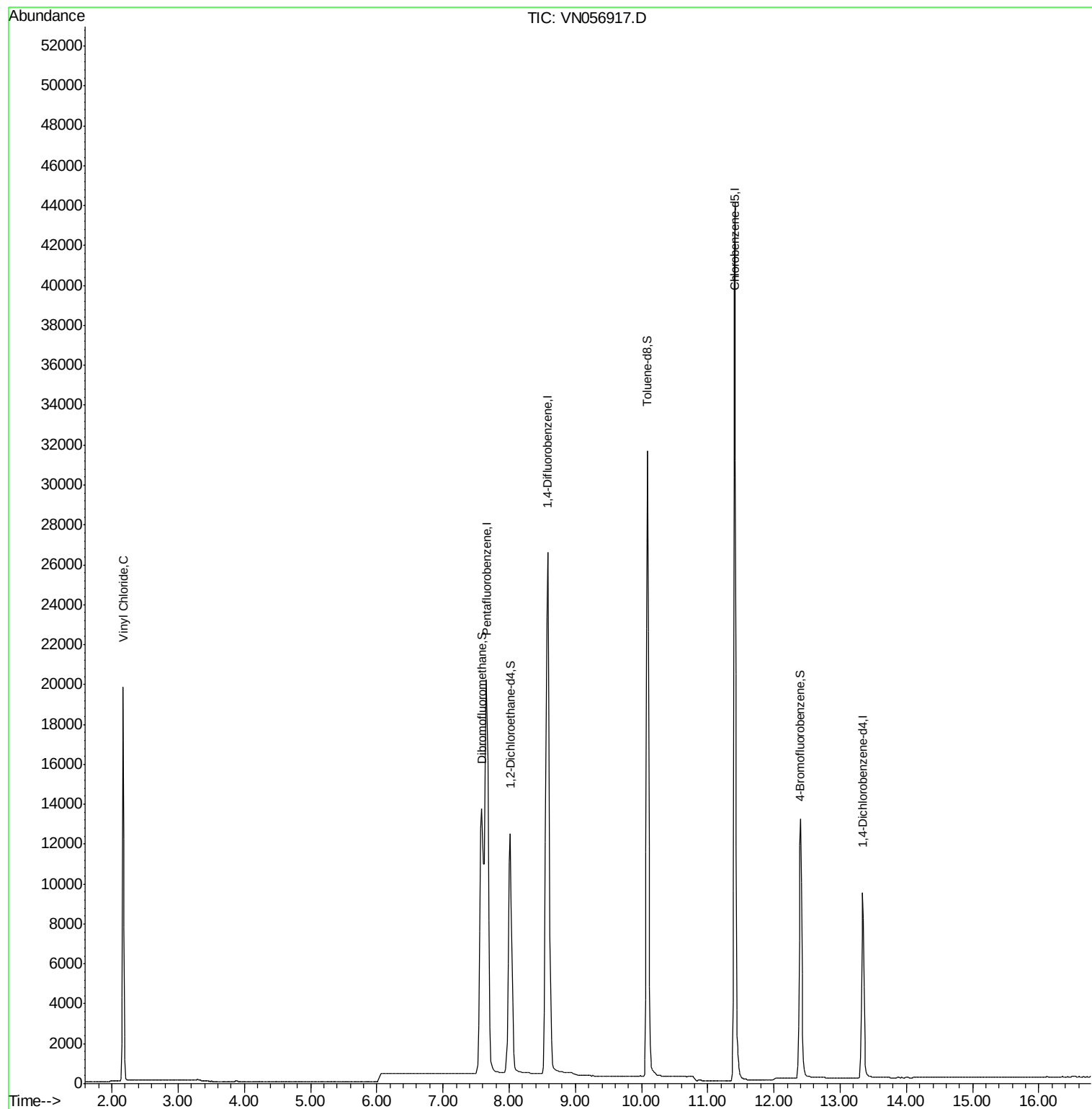
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	22523	5.353	ug/l	100

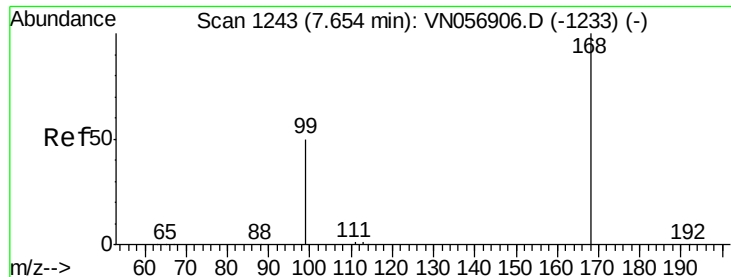
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

Instrument :

MSVOA_N

ClientSampled :

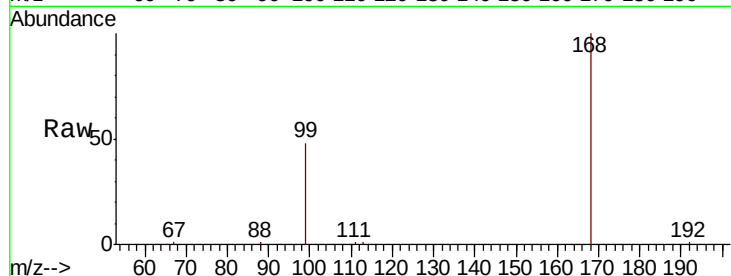
VN0725WBSD01

Tot Ion:168 Resp: 48180

Ion Ratio Lower Upper

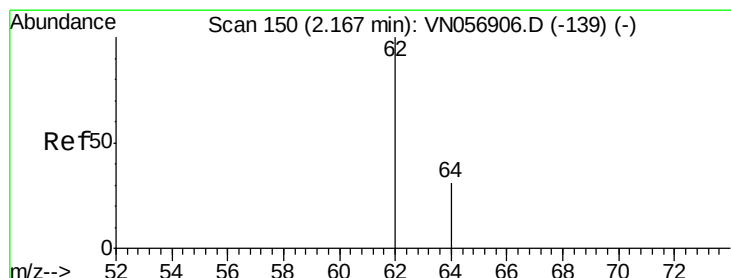
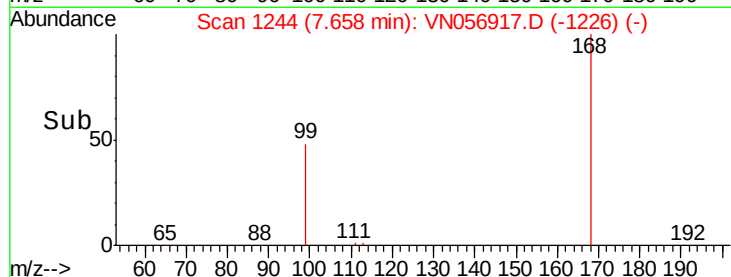
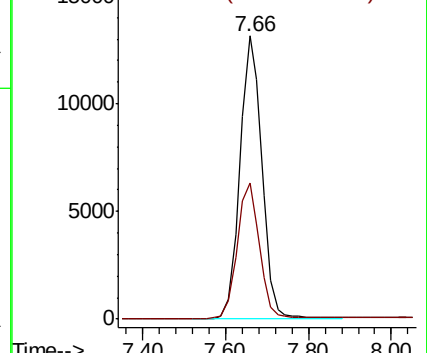
168 100

99 47.9 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): VN0

Ion 99.00 (98.70 to 99.70): VN0



#2

Vinyl Chloride

Concen: 5.353 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056917.D

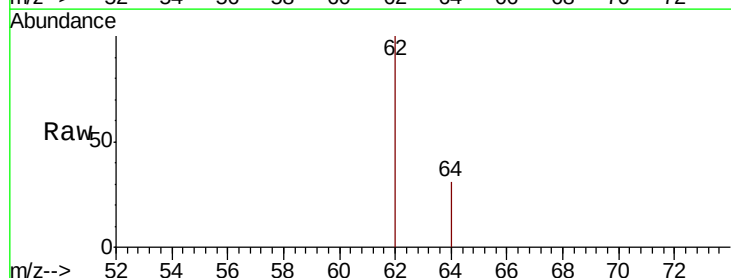
Acq: 24 Jul 2019 17:03

Tgt Ion: 62 Resp: 22523

Ion Ratio Lower Upper

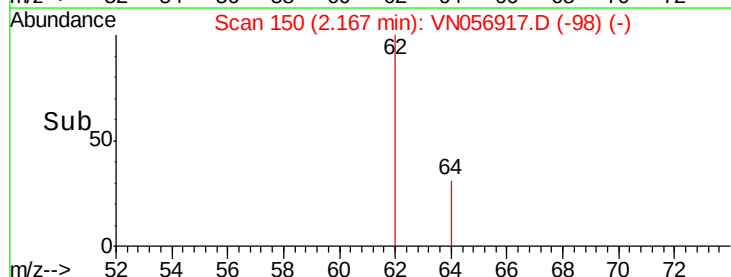
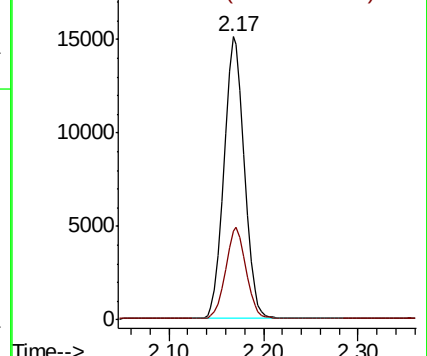
62 100

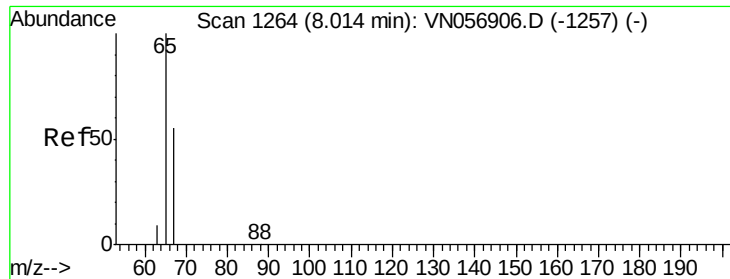
64 31.3 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#3

1,2-Dichloroethane-d4

Concen: 4.972 ug/l

RT: 8.02 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

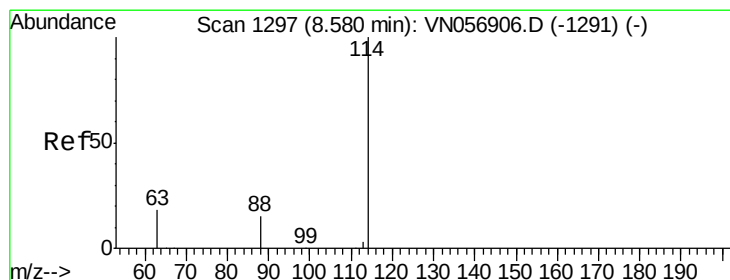
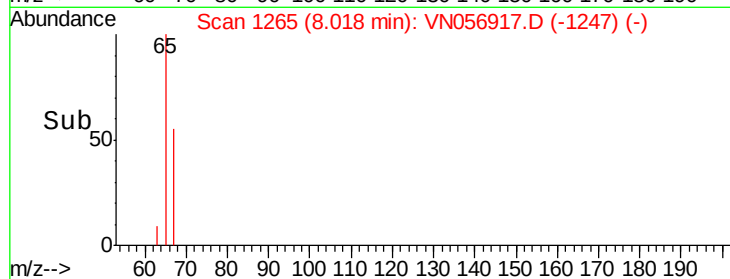
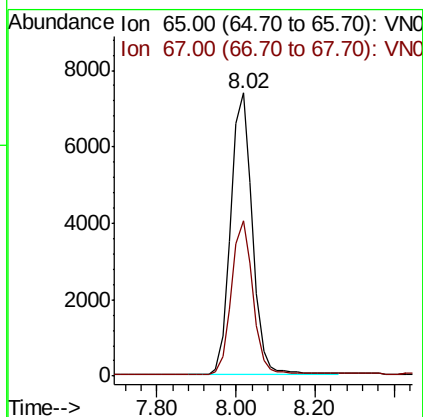
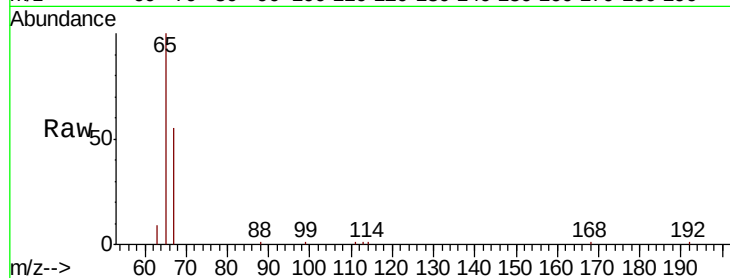
VN0725WBSD01

Tot Ion: 65 Resp: 27671

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1298

Delta R.T. 0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

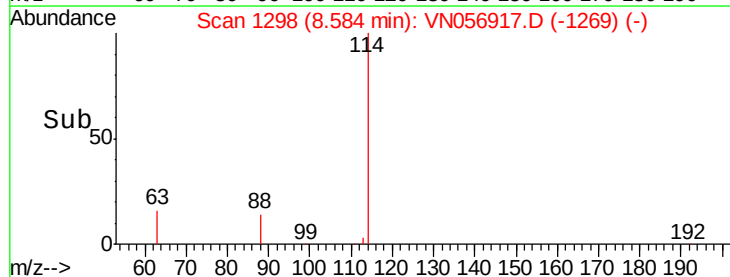
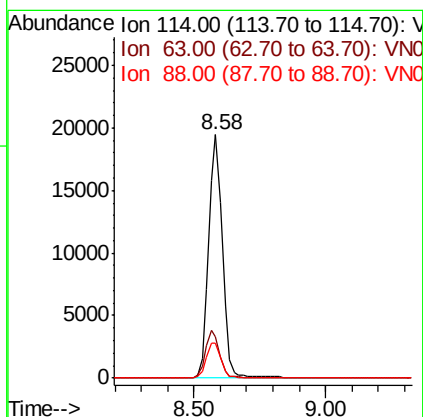
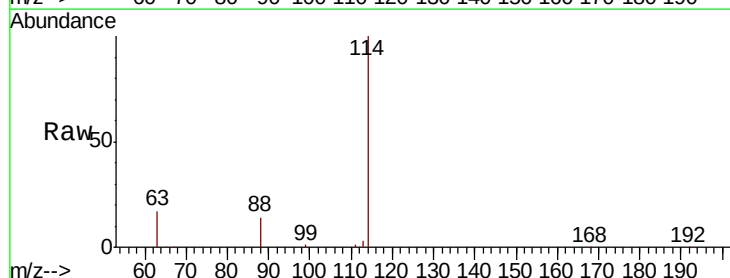
Tgt Ion: 114 Resp: 79511

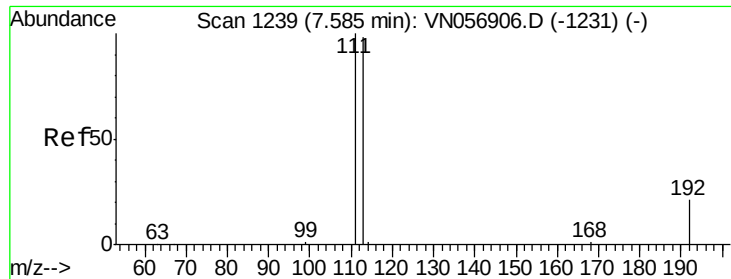
Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.2

88 14.2 0.0 30.2





#5

Dibromofluoromethane

Concen: 4.954 ug/l

RT: 7.59 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD01

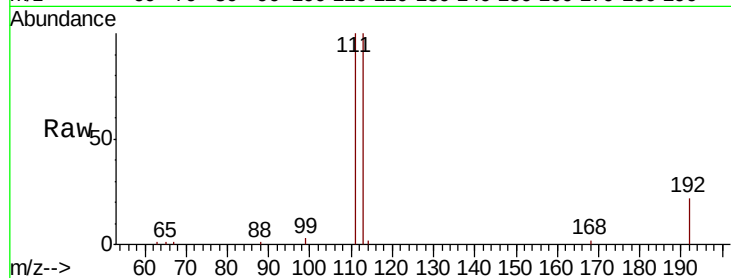
Tot Ion:113 Resp: 22765

Ion Ratio Lower Upper

113 100

111 100.2 81.5 122.3

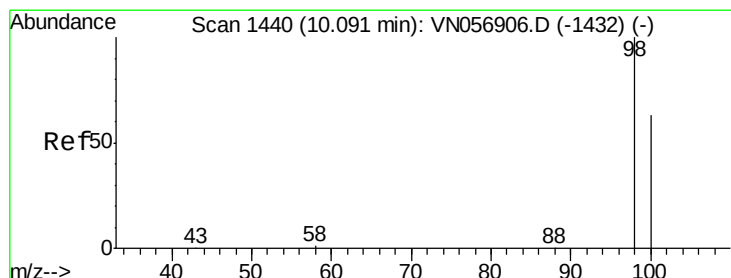
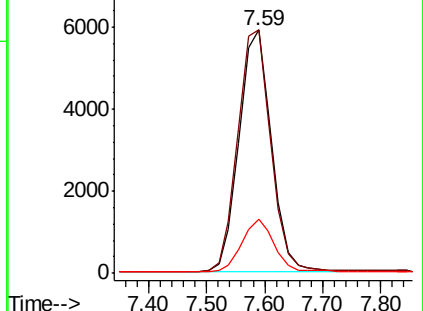
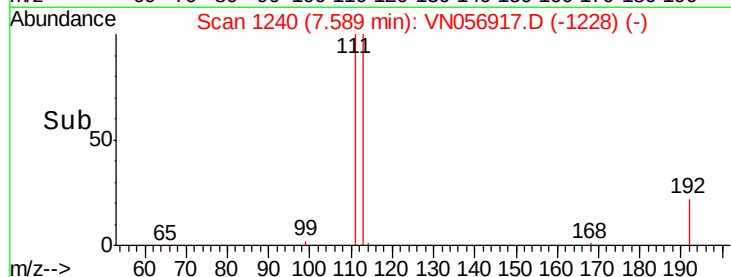
192 22.4 17.4 26.0



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: 4.881 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056917.D

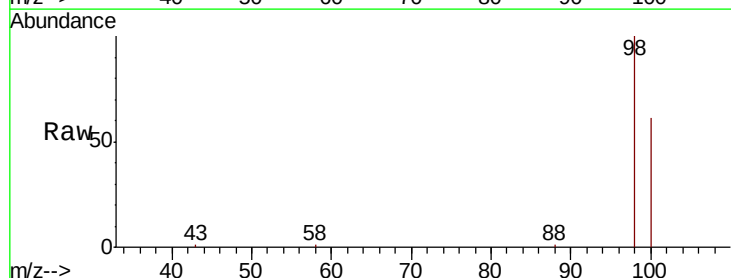
Acq: 24 Jul 2019 17:03

Tgt Ion: 98 Resp: 46010

Ion Ratio Lower Upper

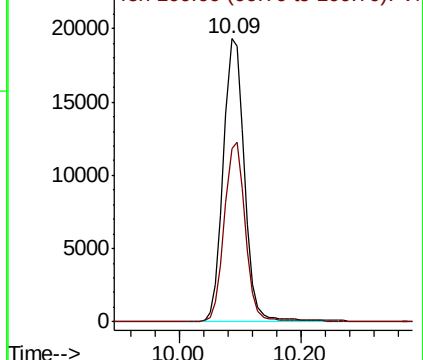
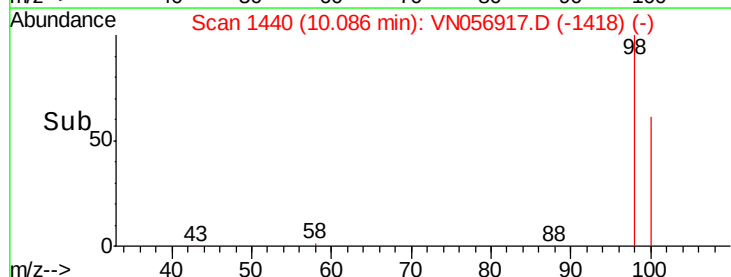
98 100

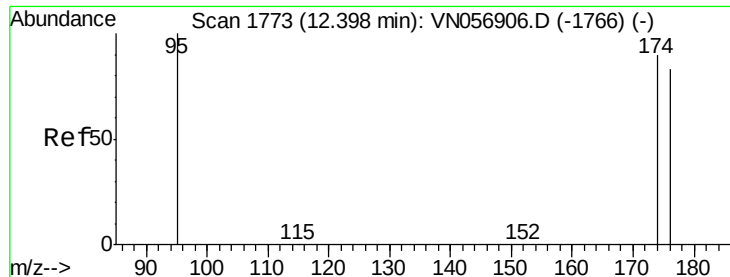
100 61.4 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.858 ug/l

RT: 12.39 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD01

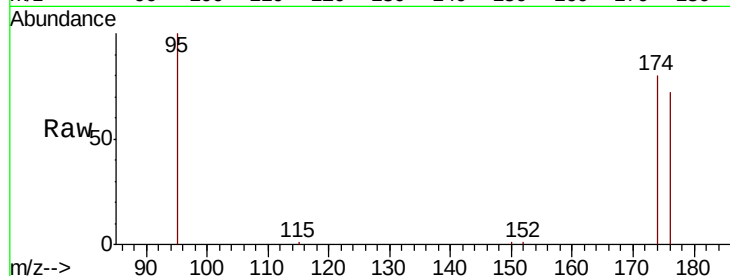
Tot Ion: 95 Resp: 11837

Ion Ratio Lower Upper

95 100

174 80.0 0.0 179.8

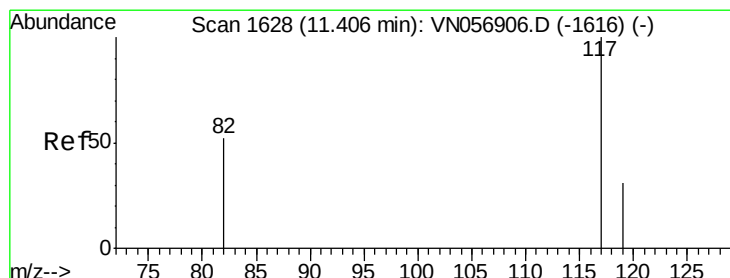
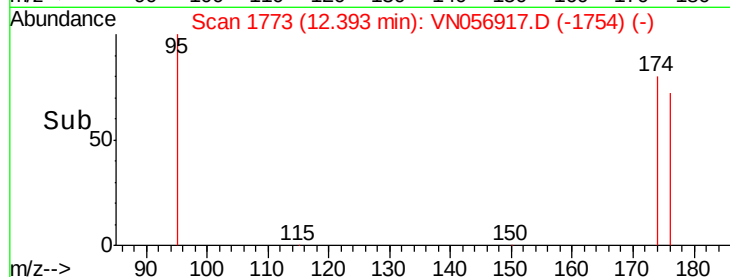
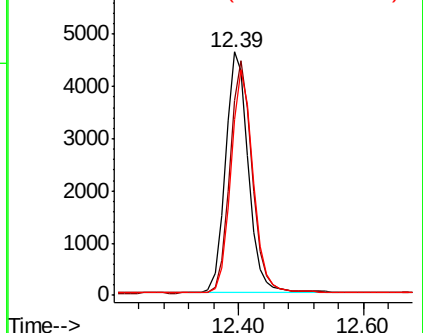
176 72.0 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056917.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056917.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056917.D (-1766) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

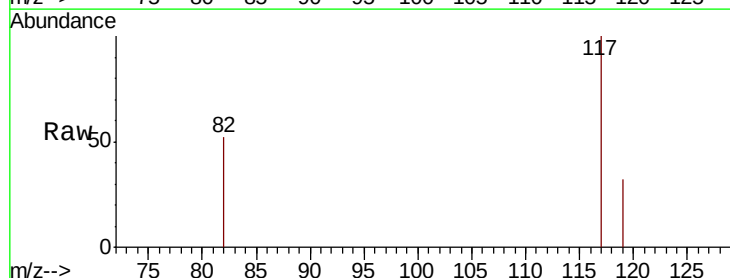
Tgt Ion: 117 Resp: 47613

Ion Ratio Lower Upper

117 100

82 51.9 42.0 63.0

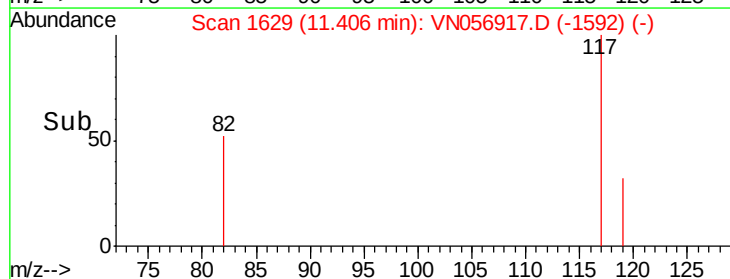
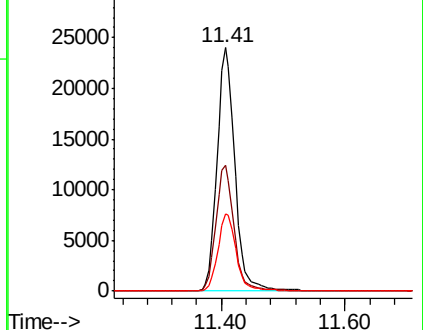
119 31.8 25.1 37.7

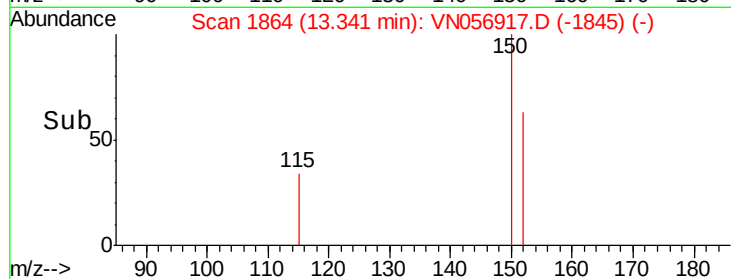
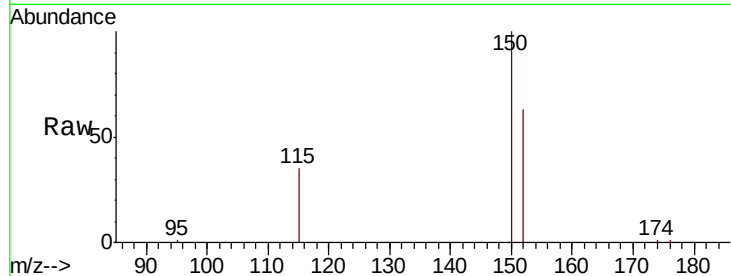
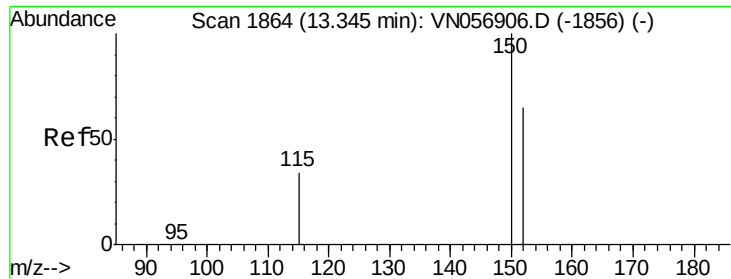


Abundance Ion 117.00 (116.70 to 117.70): VN056917.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VN056917.D (-1592) (-)

Ion 119.00 (118.70 to 119.70): VN056917.D (-1592) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN056917.D

Acq: 24 Jul 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD01

Tot Ion:152 Resp: 7469

Ion Ratio Lower Upper

152 100

115 55.7 26.5 79.4

150 158.7 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

