

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056641.D
 Acq On : 10 Jul 2019 13:15
 Operator : JC/SP
 Sample : 0.05PPB LOD MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 0.05PPB LOD MDL

Quant Time: Jul 11 07:13:48 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	47980	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	83543	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55341	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	13372	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	28537	4.96	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	99.20%
5) Dibromofluoromethane	7.59	113	21860	4.96	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	99.20%
6) Toluene-d8	10.09	98	51867	4.86	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.20%
7) 4-Bromofluorobenzene	12.39	95	17809	4.66	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	93.20%

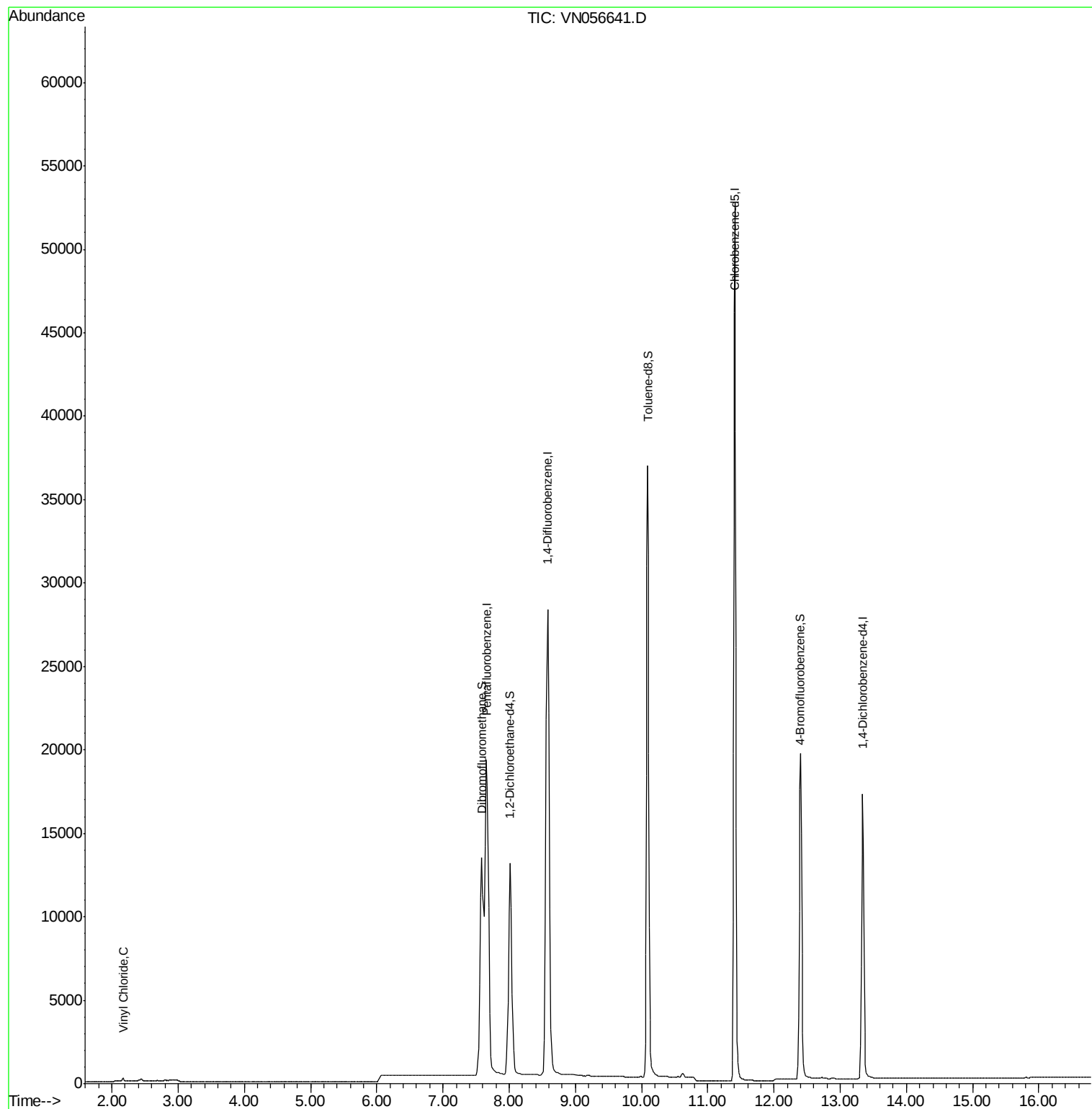
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	213	0.047 ug/l #	43

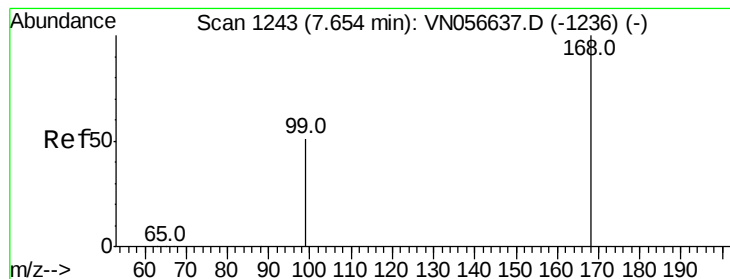
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056641.D

Acq: 10 Jul 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

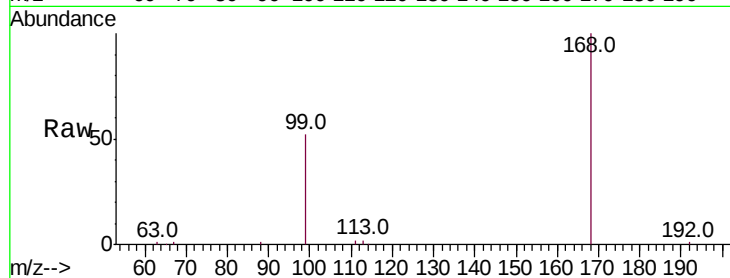
0.05PPB LOD MDL

Tot Ion:168 Resp: 47980

Ion Ratio Lower Upper

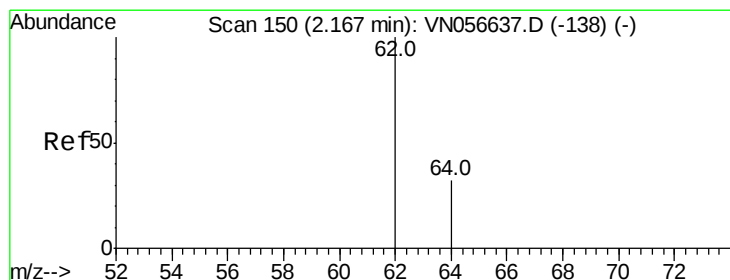
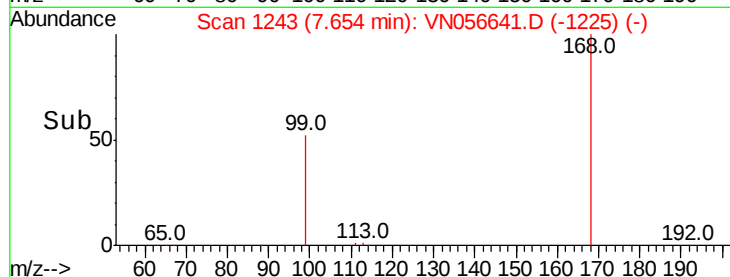
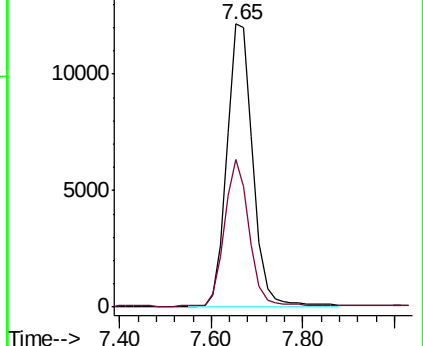
168 100

99 52.4 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 0.047 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056641.D

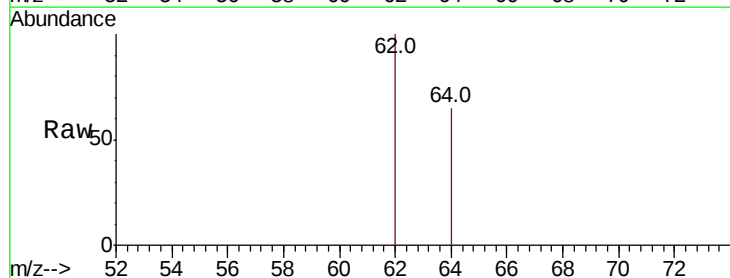
Acq: 10 Jul 2019 13:15

Tgt Ion: 62 Resp: 213

Ion Ratio Lower Upper

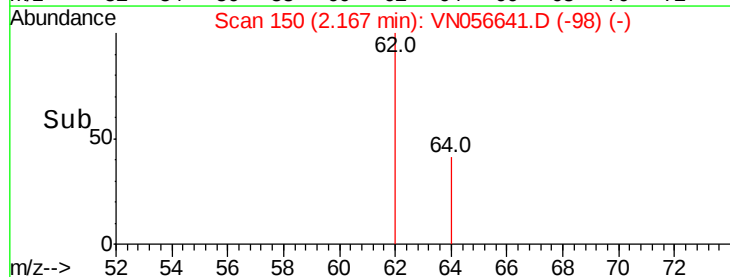
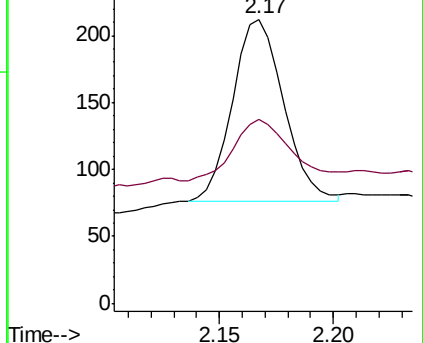
62 100

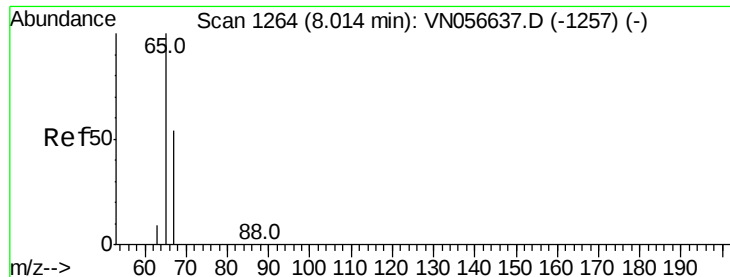
64 64.6 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#3

1,2-Dichloroethane-d4

Concen: 4.959 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

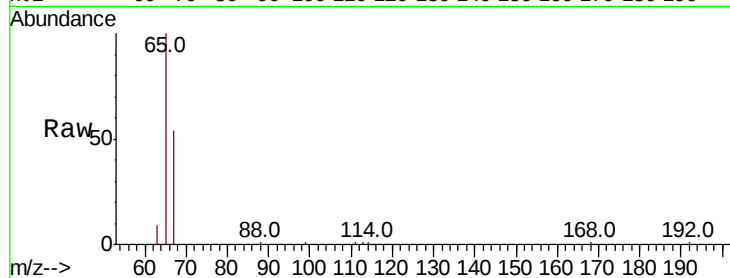
0.05PPB LOD MDL

Tot Ion: 65 Resp: 28537

Ion Ratio Lower Upper

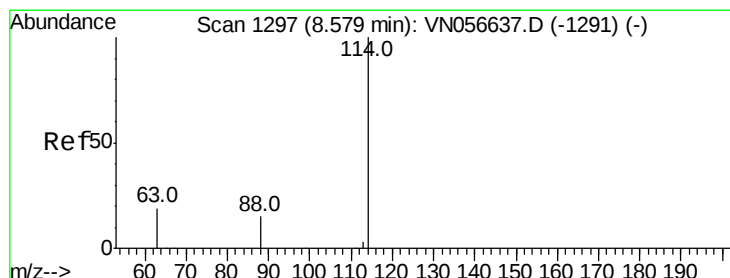
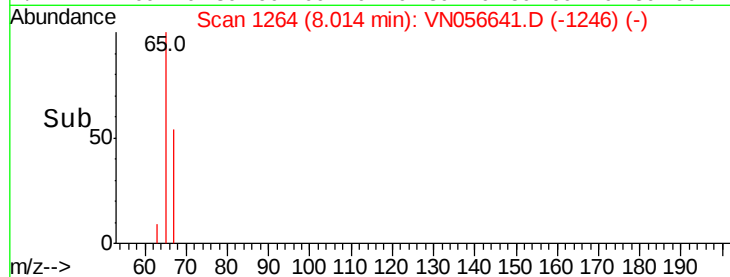
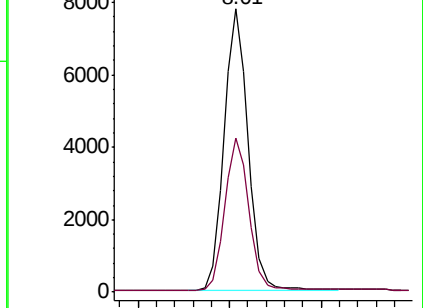
65 100

67 54.4 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056641.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN056641.D (-1246) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

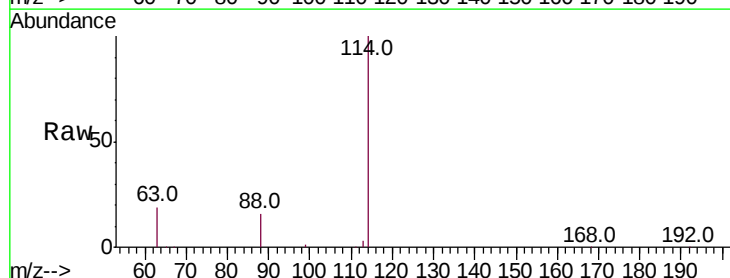
Tgt Ion: 114 Resp: 83543

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

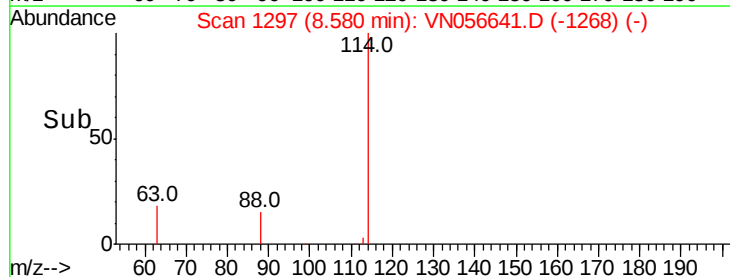
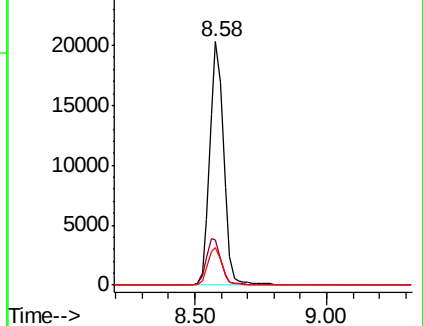
88 15.5 0.0 30.8

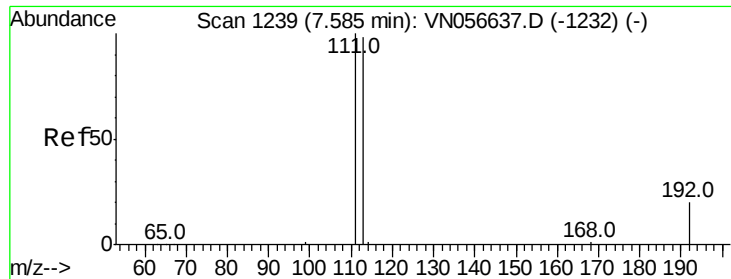


Abundance Ion 114.00 (113.70 to 114.70): VN056641.D (-1268) (-)

Ion 63.00 (62.70 to 63.70): VN056641.D (-1268) (-)

Ion 88.00 (87.70 to 88.70): VN056641.D (-1268) (-)





#5

Dibromofluoromethane

Concen: 4.956 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

0.05PPB LOD MDL

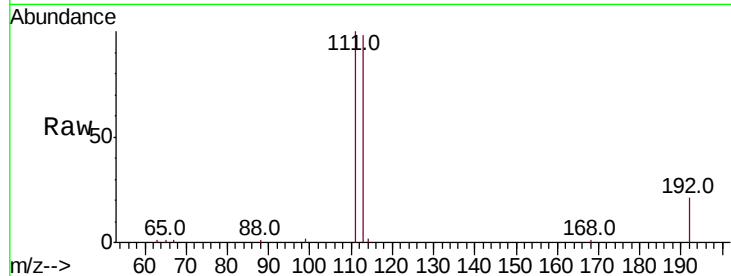
Tot Ion:113 Resp: 21860

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

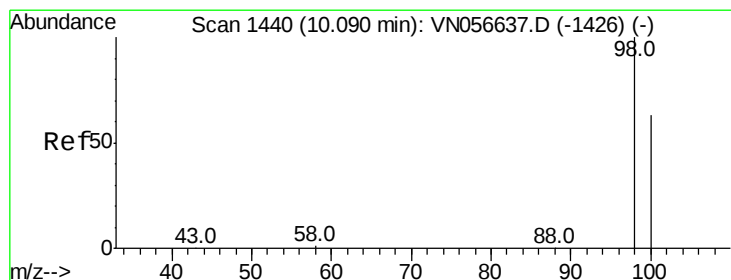
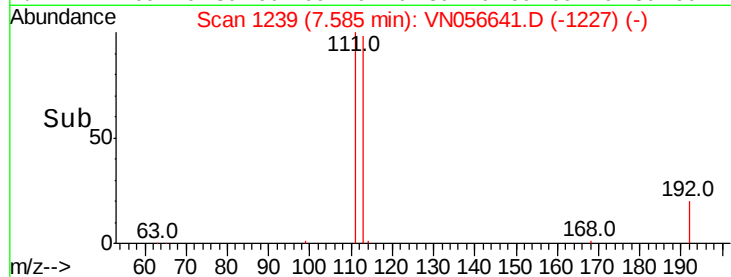
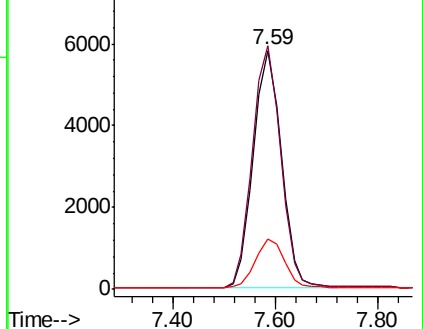
192 21.3 16.9 25.3



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: 4.863 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056641.D

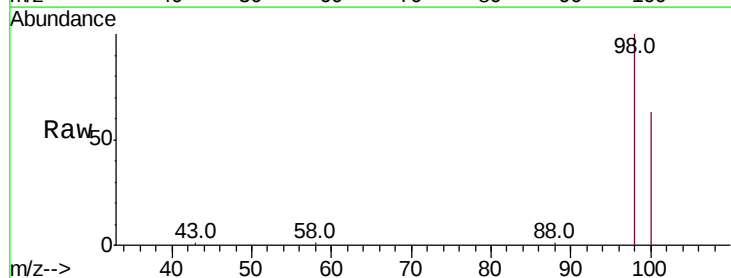
Acq: 10 Jul 2019 13:15

Tgt Ion: 98 Resp: 51867

Ion Ratio Lower Upper

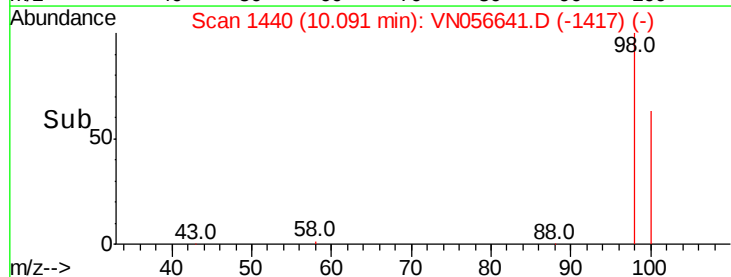
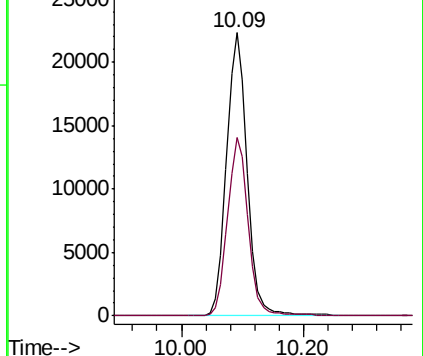
98 100

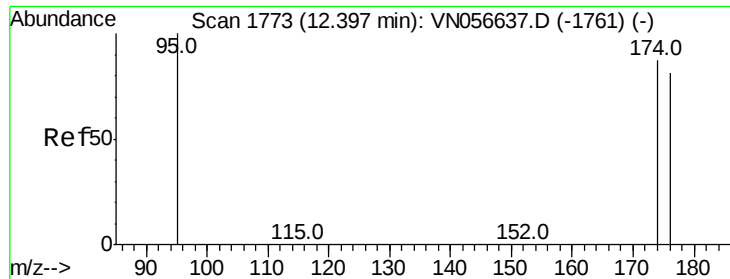
100 63.0 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#7

4-Bromofluorobenzene

Concen: 4.661 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

0.05PPB LOD MDL

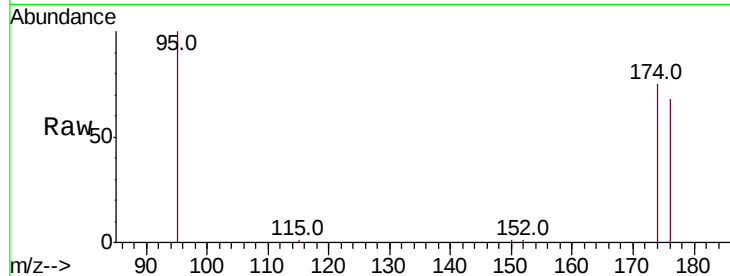
Tot Ion: 95 Resp: 17809

Ion Ratio Lower Upper

95 100

174 75.0 0.0 174.2

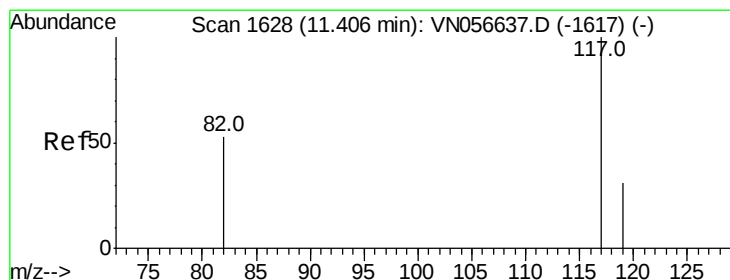
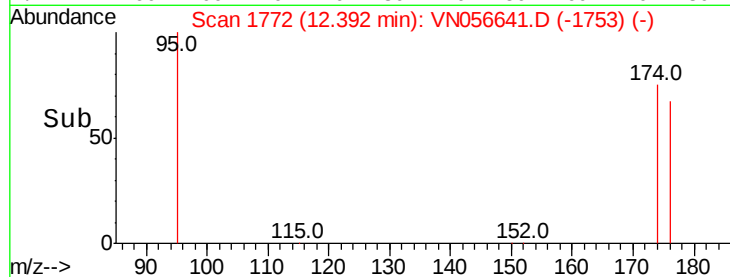
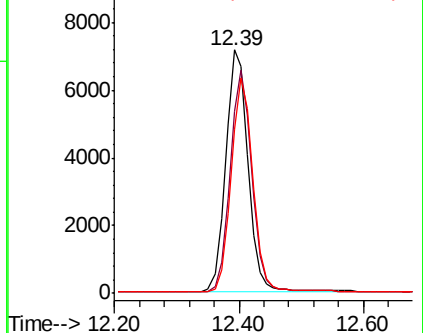
176 67.6 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN056641.D (-1753) (-)

Ion 174.00 (173.70 to 174.70): VN056641.D (-1753) (-)

Ion 176.00 (175.70 to 176.70): VN056641.D (-1753) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

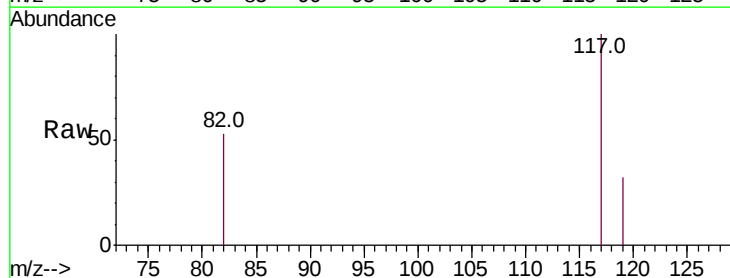
Tgt Ion: 117 Resp: 55341

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

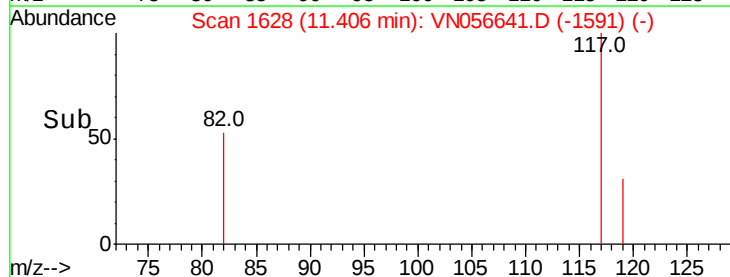
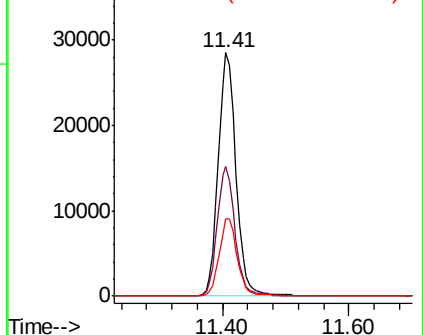
119 31.5 25.0 37.6

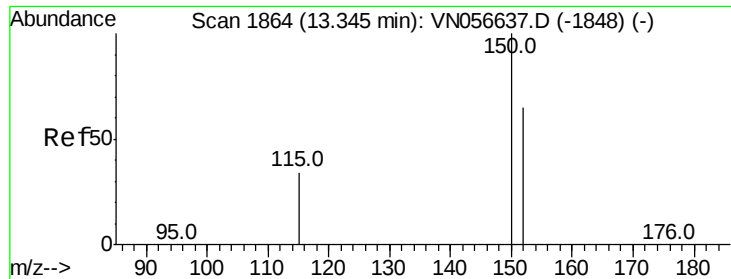


Abundance Ion 117.00 (116.70 to 117.70): VN056641.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056641.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056641.D (-1591) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056641.D

Acq: 10 Jul 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

0.05PPB LOD MDL

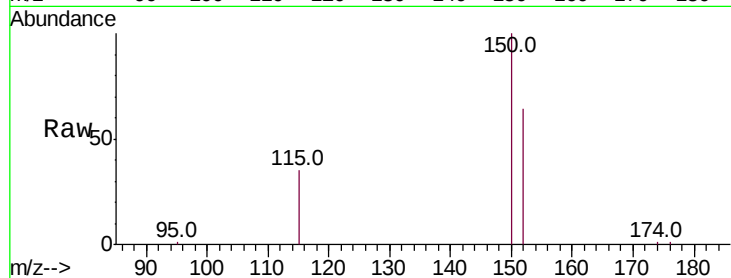
Tot Ion:152 Resp: 13372

Ion Ratio Lower Upper

152 100

115 55.1 26.5 79.4

150 156.8 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

