

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056541.D
 Acq On : 28 Jun 2019 9:20
 Operator : JC/SP
 Sample : VN0628WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:30:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:22:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	55735	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	79614	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53559	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7370	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	33267	4.87	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.40%
5) Dibromofluoromethane	7.58	113	25398	5.79	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	115.80%
6) Toluene-d8	10.09	98	55290	5.57	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	111.40%
7) 4-Bromofluorobenzene	12.40	95	12589	4.96	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	99.20%

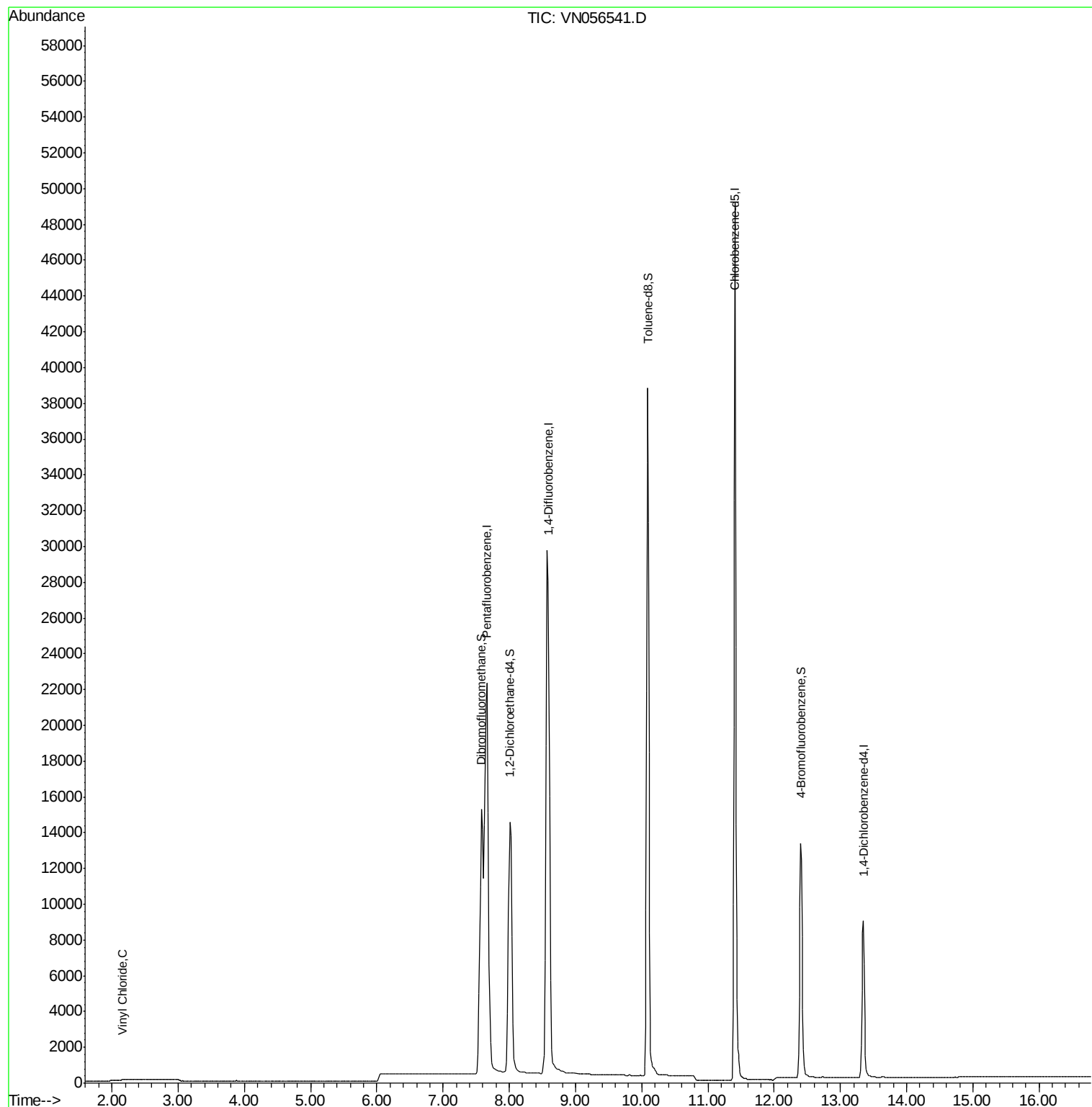
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	24	0.004 ug/l #	1

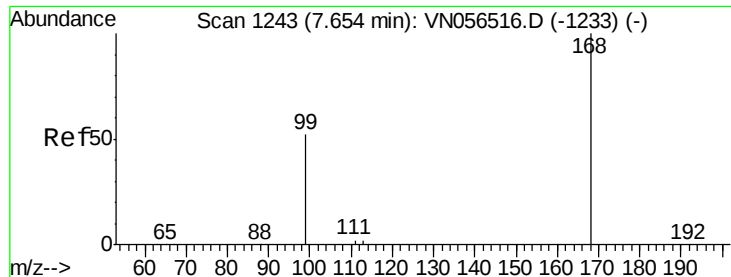
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

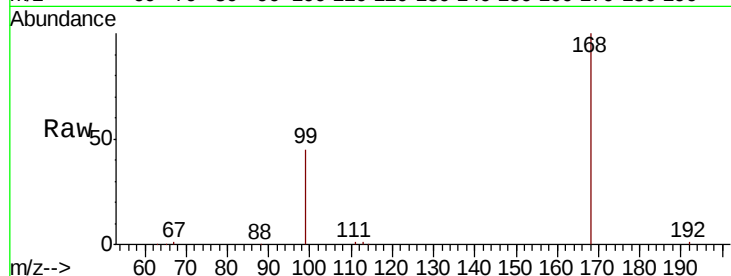
ClientSampleId :

Tot Ion:168 Resp: 55735

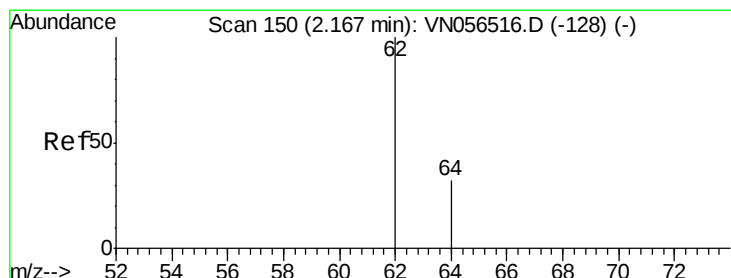
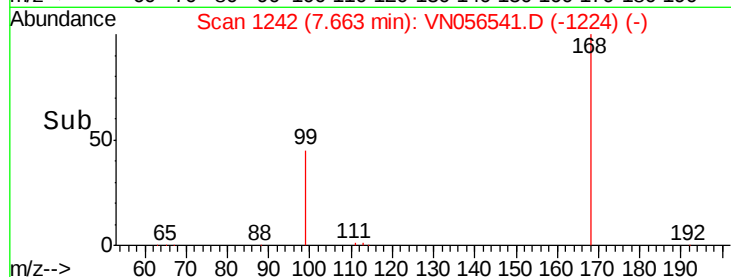
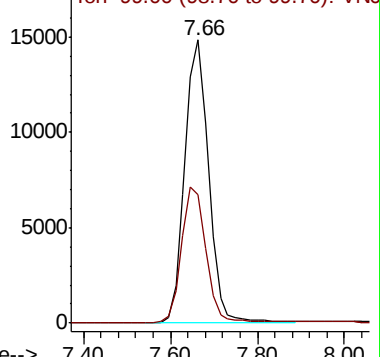
Ion Ratio Lower Upper

168 100

99 45.4 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056541.D (-1224) (-)



#2

Vinyl Chloride

Concen: 0.004 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056541.D

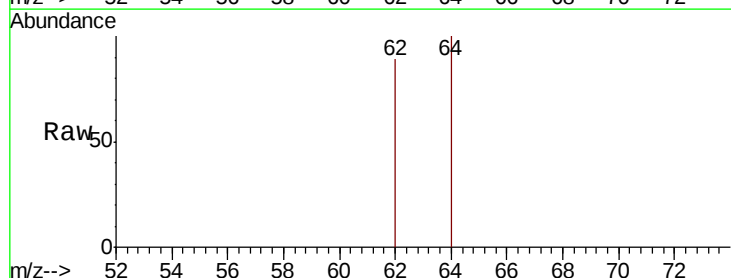
Acq: 28 Jun 2019 9:20

Tgt Ion: 62 Resp: 24

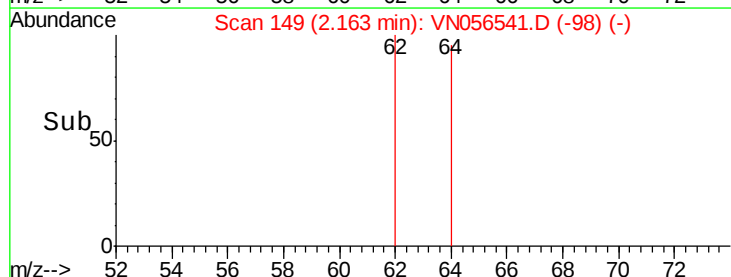
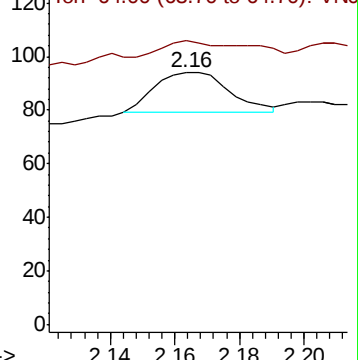
Ion Ratio Lower Upper

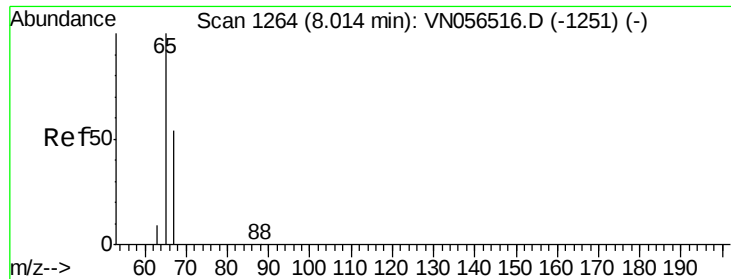
62 100

64 112.8 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN056541.D (-98) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.873 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

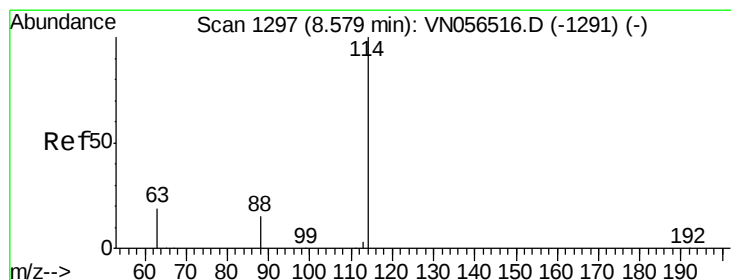
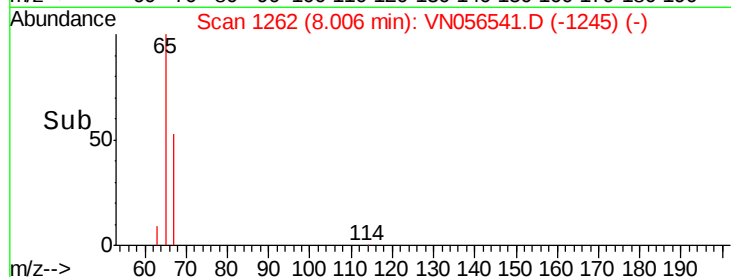
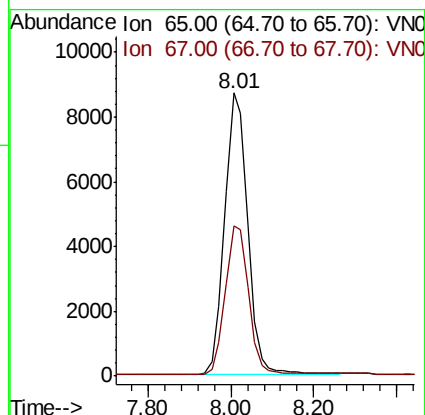
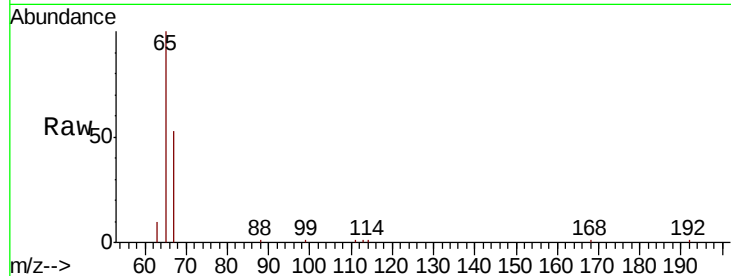
ClientSampleId :

Tot Ion: 65 Resp: 33267

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.8



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.59 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

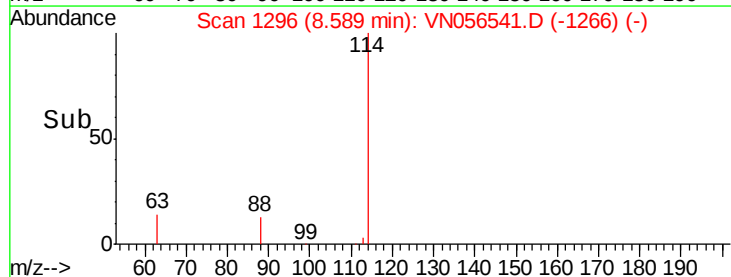
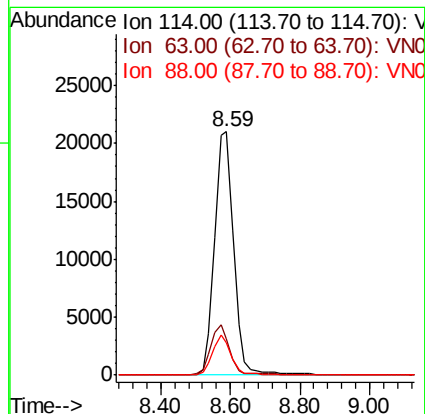
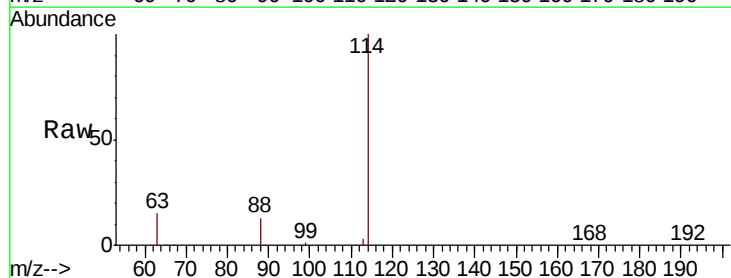
Tgt Ion: 114 Resp: 79614

Ion Ratio Lower Upper

114 100

63 14.8 0.0 37.6

88 13.4 0.0 31.2

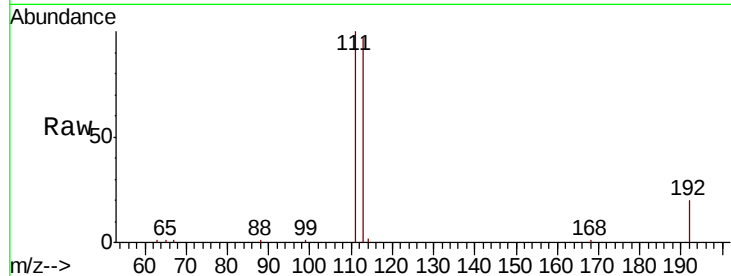




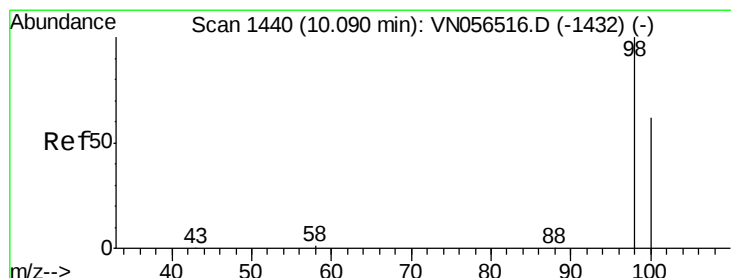
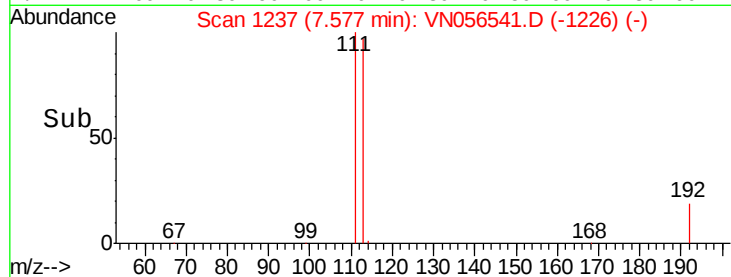
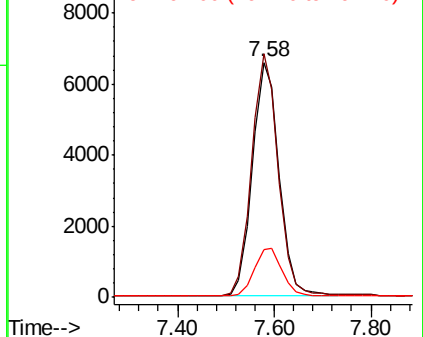
#5
Dibromofluoromethane
Concen: 5.787 ug/l
RT: 7.58 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VN056541.D
Acq: 28 Jun 2019 9:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 113 Resp: 25398
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 20.3 16.9 25.3

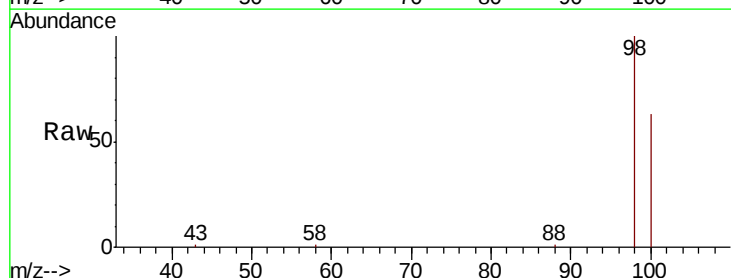


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

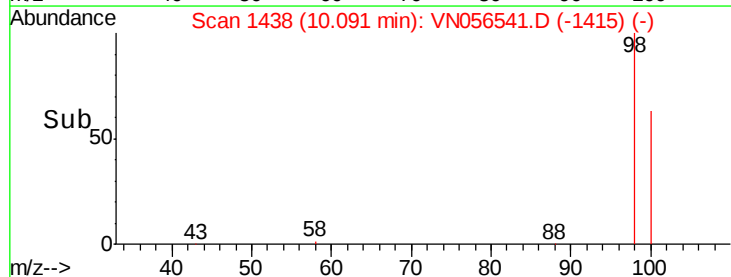
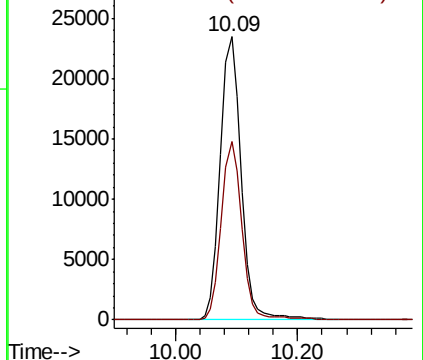


#6
Toluene-d8
Concen: 5.567 ug/l
RT: 10.09 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VN056541.D
Acq: 28 Jun 2019 9:20

Tgt Ion: 98 Resp: 55290
Ion Ratio Lower Upper
98 100
100 63.0 49.7 74.5



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





#7

4-Bromofluorobenzene

Concen: 4.956 ug/l

RT: 12.40 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

ClientSampleId :

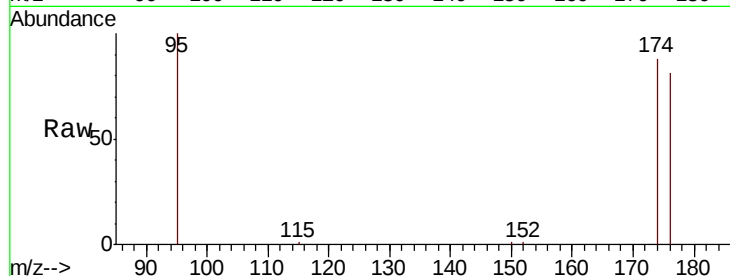
Tot Ion: 95 Resp: 12589

Ion Ratio Lower Upper

95 100

174 87.8 0.0 167.8

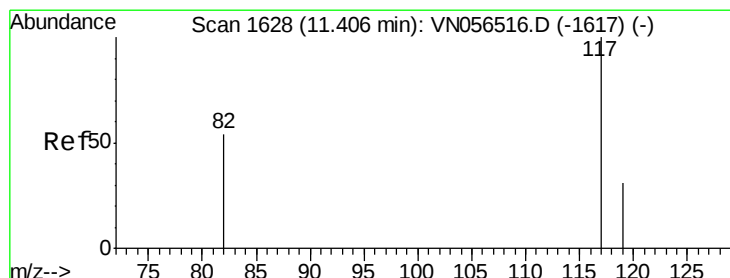
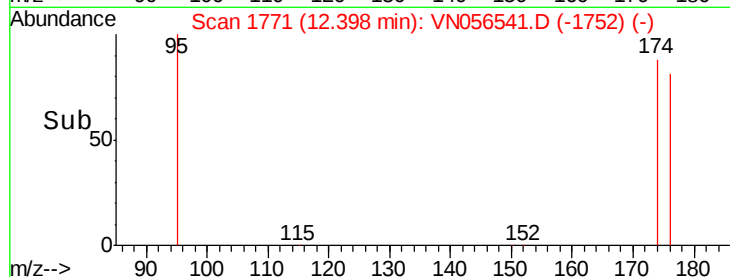
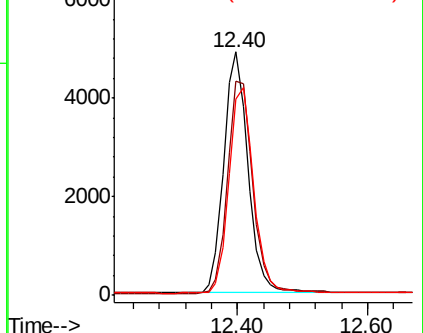
176 80.8 0.0 158.0



Abundance Ion 95.00 (94.70 to 95.70): VN056541.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN056541.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN056541.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

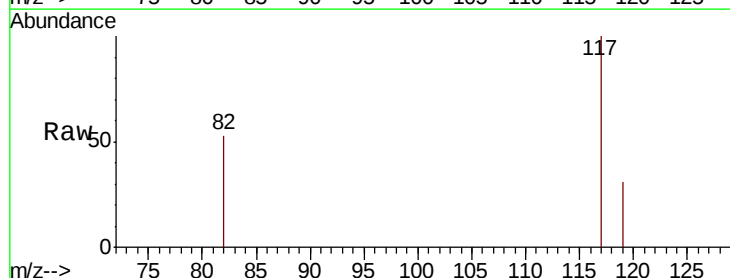
Tgt Ion: 117 Resp: 53559

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

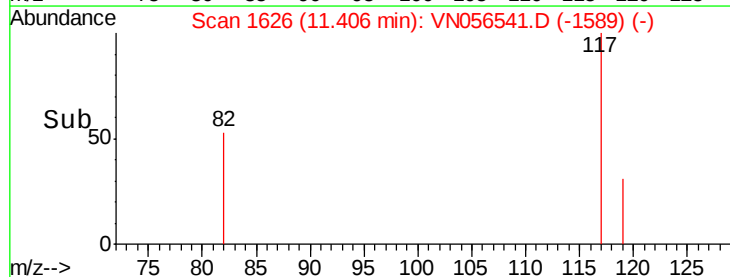
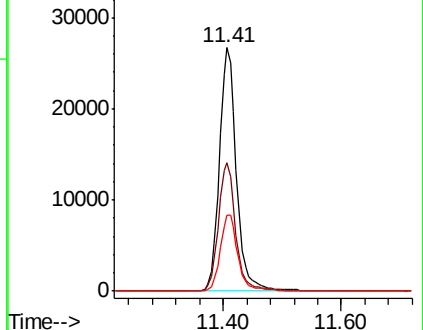
119 31.4 24.7 37.1

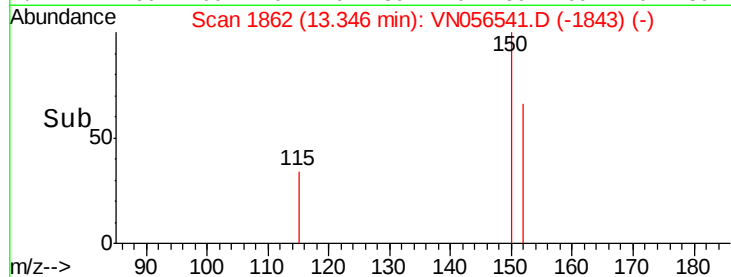
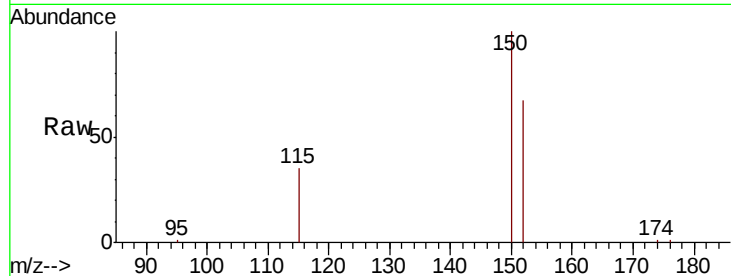


Abundance Ion 117.00 (116.70 to 117.70): VN056541.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056541.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056541.D (-1617) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 7370

Ion Ratio Lower Upper

152 100

115 52.9 27.0 80.8

150 149.7 0.0 306.6

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

