

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058610.D
 Acq On : 8 Oct 2019 15:06
 Operator : JC/SP
 Sample : VN1008WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01

Quant Time: Oct 09 04:16:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	2259861	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3365895	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2993315	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1166206	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1397419	5.18	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.60%
5) Dibromofluoromethane	7.57	113	1068439	5.04	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.80%
6) Toluene-d8	10.08	98	2428885	5.07	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	101.40%
7) 4-Bromofluorobenzene	12.40	95	1141979	4.86	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	97.20%

Target Compounds

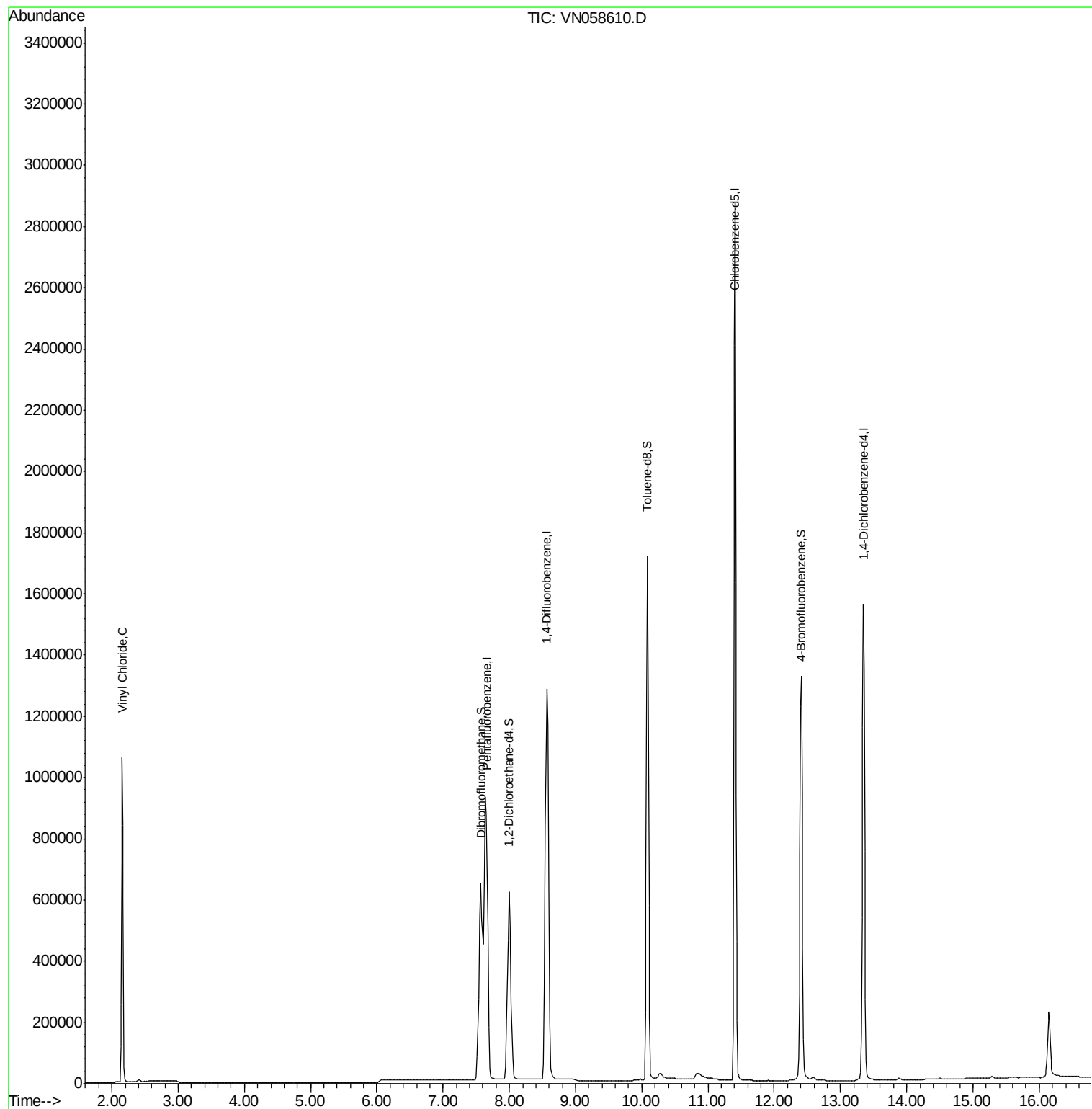
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	1199379	5.223	ug/l	100

(#) = 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: VN058610.D

Acq: 8 Oct 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

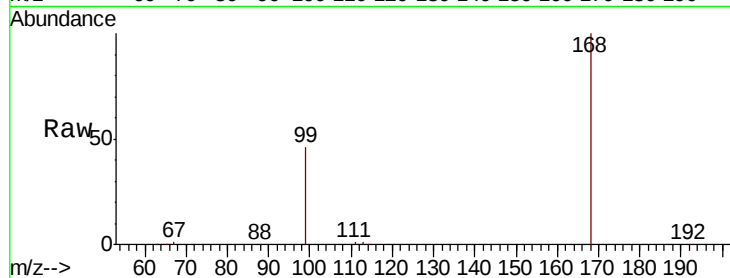
VN1008WBS01

Tot Ion:168 Resp: 2259861

Ion Ratio Lower Upper

168 100

99 45.6 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

600000

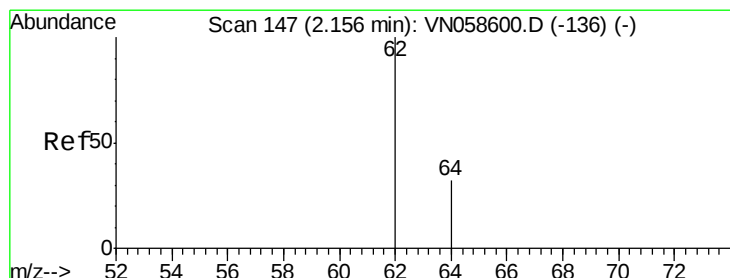
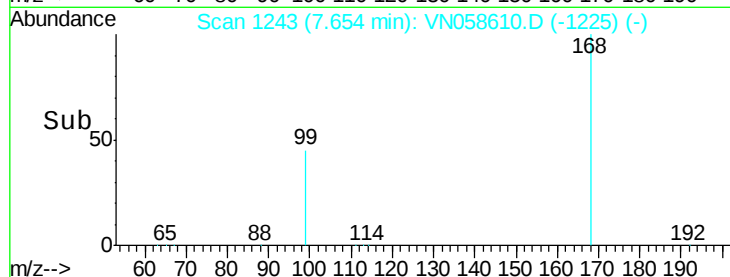
400000

200000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.223 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058610.D

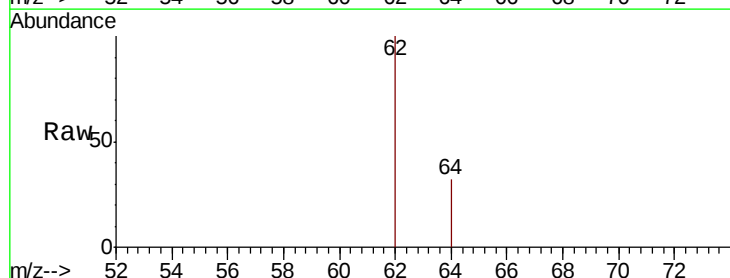
Acq: 8 Oct 2019 15:06

Tgt Ion: 62 Resp: 1199379

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.16

800000

600000

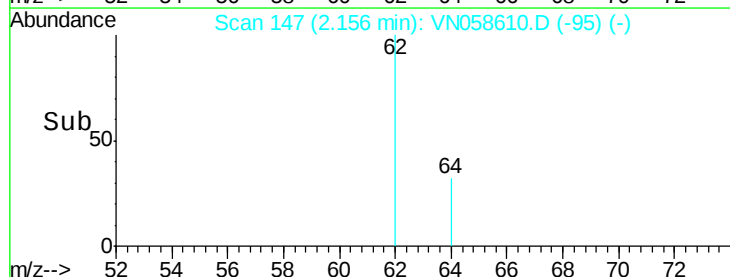
400000

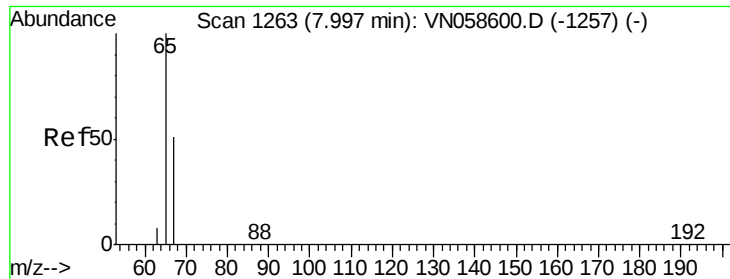
200000

0

Time-->

2.10 2.20





#3

1,2-Dichloroethane-d4

Concen: 5.176 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058610.D

Acq: 8 Oct 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

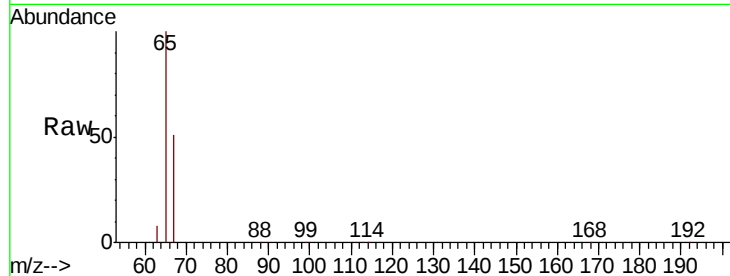
VN1008WBS01

Tot Ion: 65 Resp: 1397419

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058610.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058610.D (-1245) (-)

8.00

400000

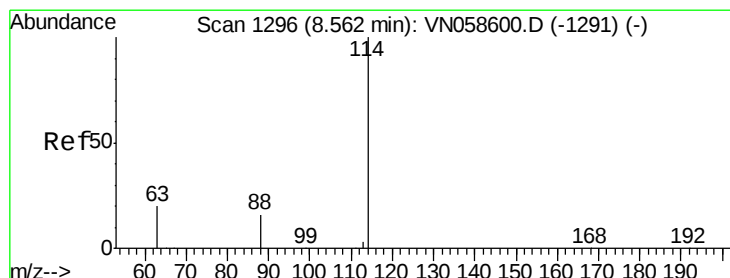
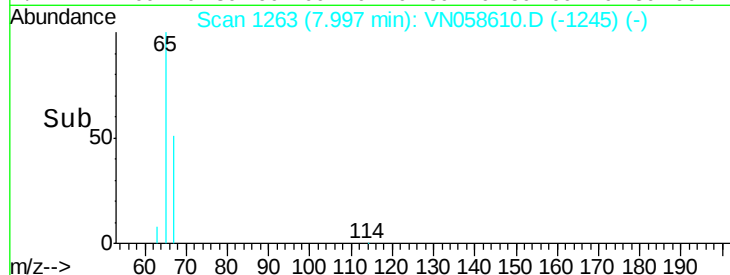
300000

200000

100000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058610.D

Acq: 8 Oct 2019 15:06

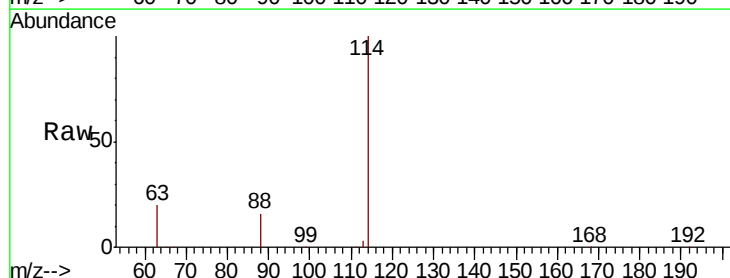
Tgt Ion: 114 Resp: 3365895

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 15.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058610.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058610.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058610.D (-1267) (-)

8.56

1200000

1000000

800000

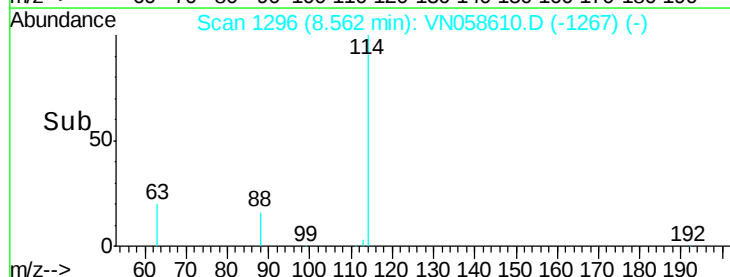
600000

400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.039 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058610.D

Acq: 8 Oct 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

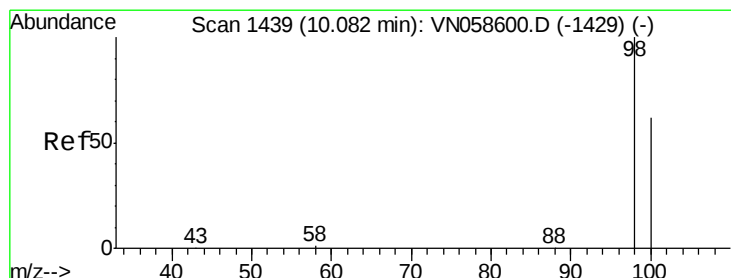
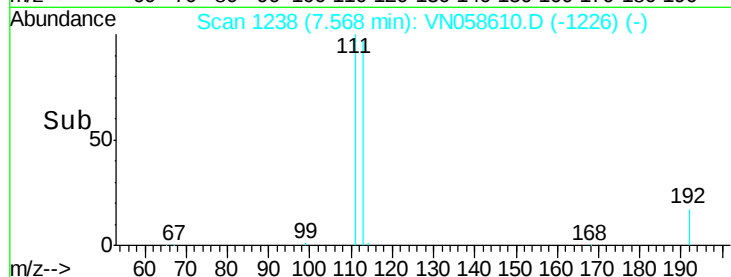
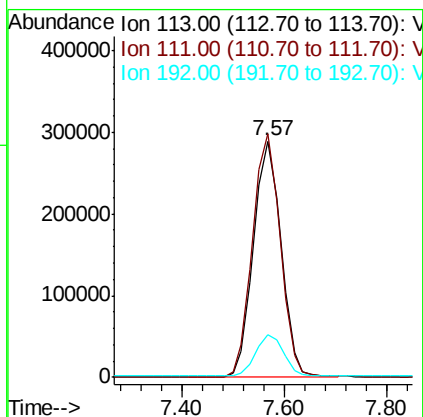
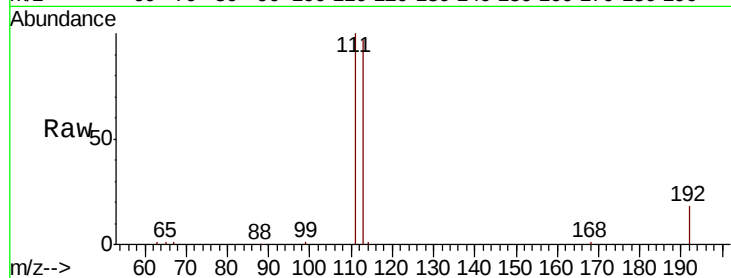
Tot Ion:113 Resp: 1068439

Ion Ratio Lower Upper

113 100

111 103.2 82.5 123.7

192 18.3 14.9 22.3



#6

Toluene-d8

Concen: 5.069 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058610.D

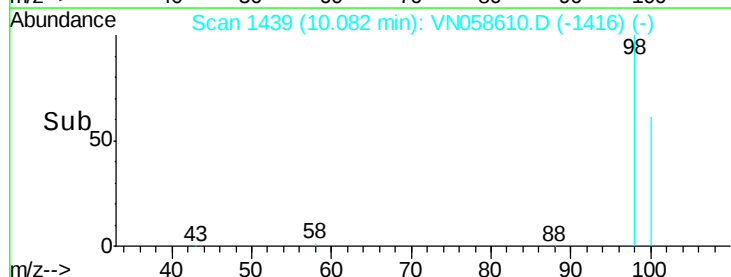
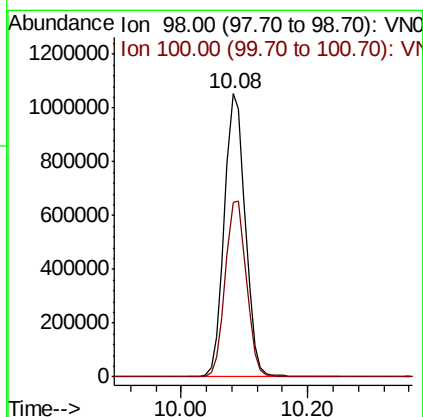
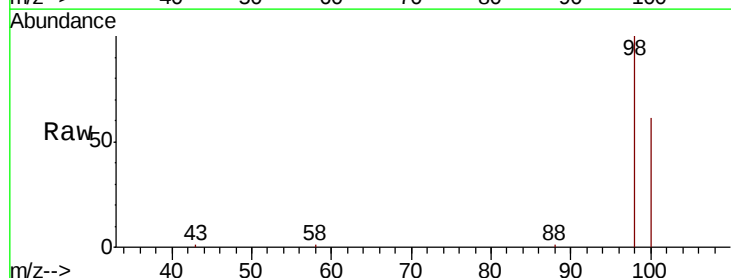
Acq: 8 Oct 2019 15:06

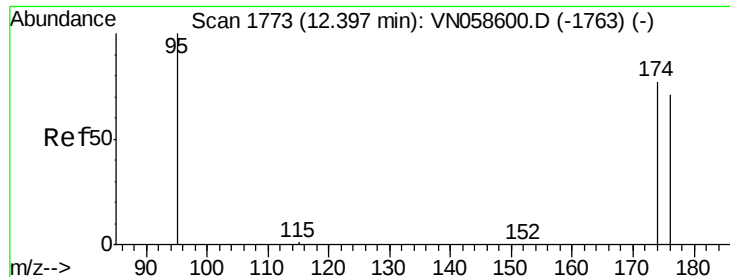
Tgt Ion: 98 Resp: 2428885

Ion Ratio Lower Upper

98 100

100 61.5 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.865 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058610.D

Acq: 8 Oct 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

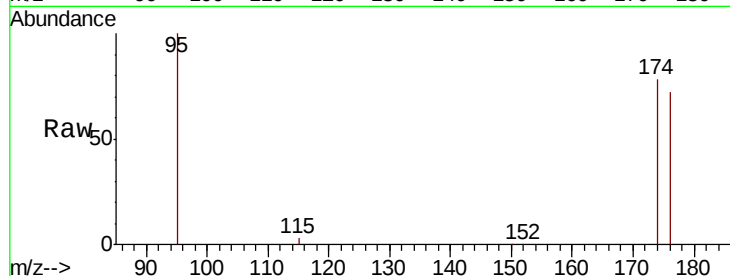
Tot Ion: 95 Resp: 1141979

Ion Ratio Lower Upper

95 100

174 77.8 0.0 153.4

176 72.3 0.0 142.2

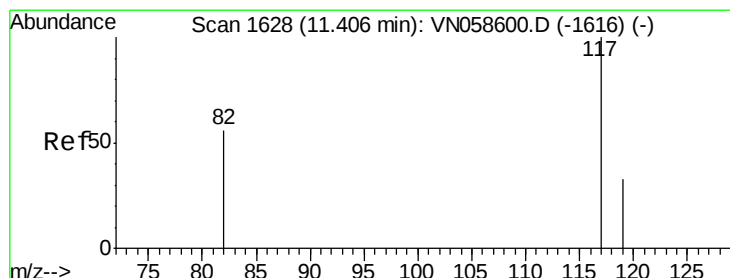
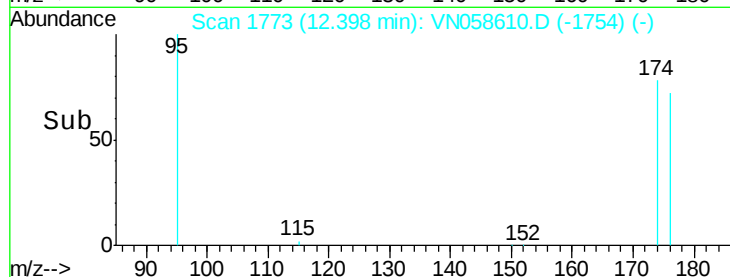


Abundance Ion 95.00 (94.70 to 95.70): VN058610.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058610.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058610.D (-1763) (-)

Time--> 12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058610.D

Acq: 8 Oct 2019 15:06

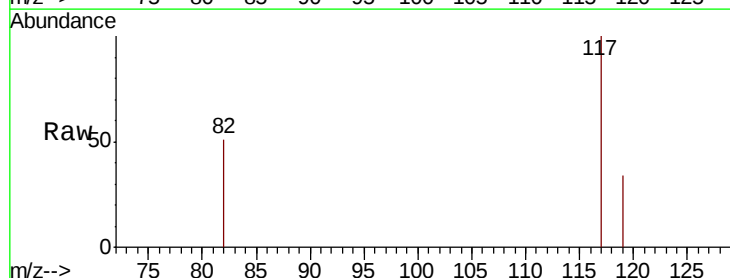
Tgt Ion: 117 Resp: 2993315

Ion Ratio Lower Upper

117 100

82 50.9 44.7 67.1

119 34.4 27.0 40.4

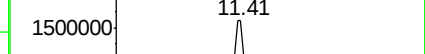
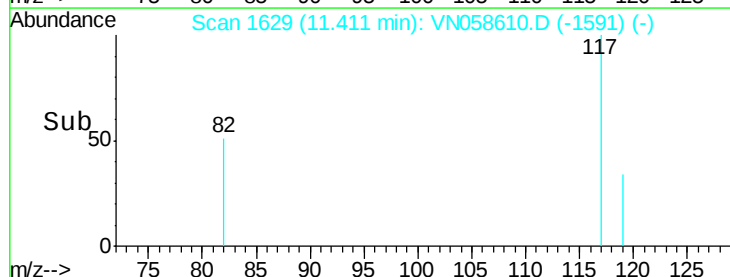


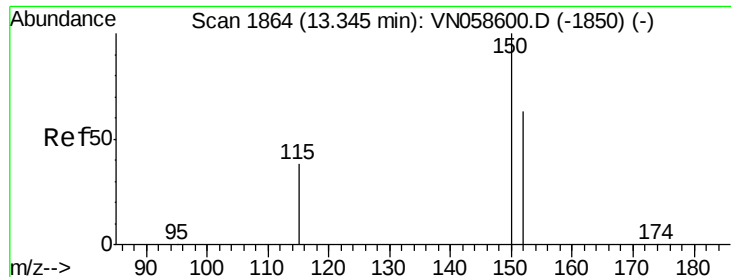
Abundance Ion 117.00 (116.70 to 117.70): VN058610.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN058610.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN058610.D (-1591) (-)

Time--> 11.20 11.40 11.60





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058610.D
 Acq: 8 Oct 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01

Tot Ion:152 Resp: 1166206
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.9 89.8
 150 160.0 0.0 315.8

