

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100919\
 Data File : VN058634.D
 Acq On : 9 Oct 2019 11:40
 Operator : JC/SP
 Sample : VN1009WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Quant Time: Oct 10 01:17:44 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	7.64	168	1595165	5.00	ug/l	-0.01
4) 1,4-Difluorobenzene	8.57	114	2319871	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2107213	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	789657	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1016758	5.34	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	106.80%
5) Dibromofluoromethane	7.57	113	807768	5.53	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	110.60%
6) Toluene-d8	10.09	98	1725414	5.22	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	104.40%
7) 4-Bromofluorobenzene	12.40	95	788095	4.87	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	97.40%

Target Compounds

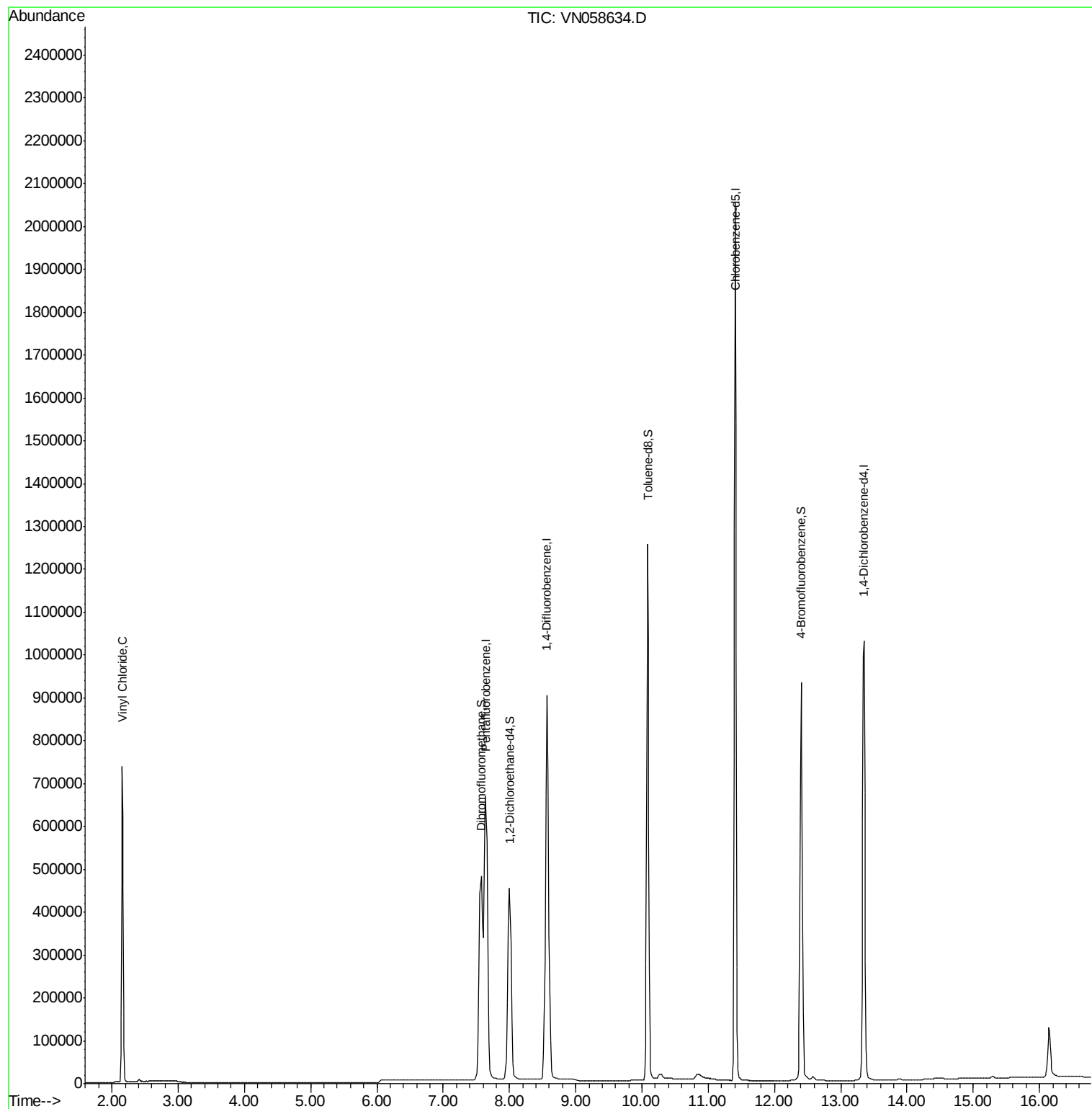
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	838182	5.171	ug/l	98

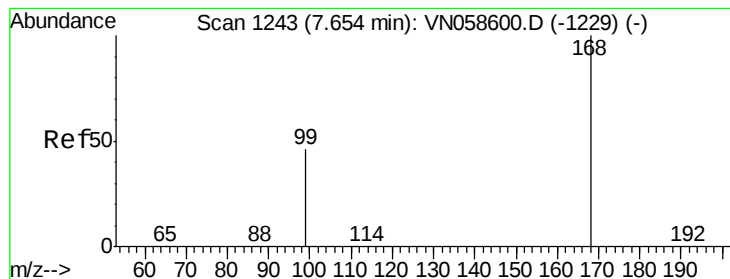
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100919\
Data File : VN058634.D
Acq On : 9 Oct 2019 11:40
Operator : JC/SP
Sample : VN1009WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Quant Time: Oct 10 01:17:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:07:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

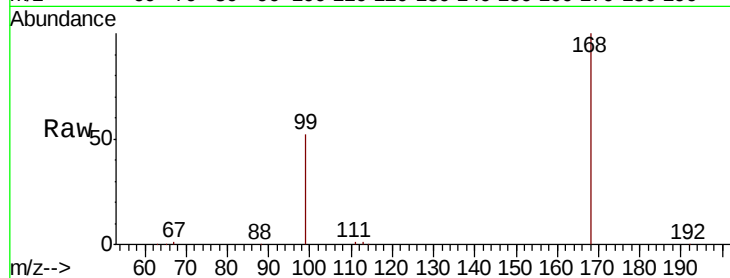
VN1009WBS01

Tot Ion:168 Resp: 1595165

Ion Ratio Lower Upper

168 100

99 51.9 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.64

400000

300000

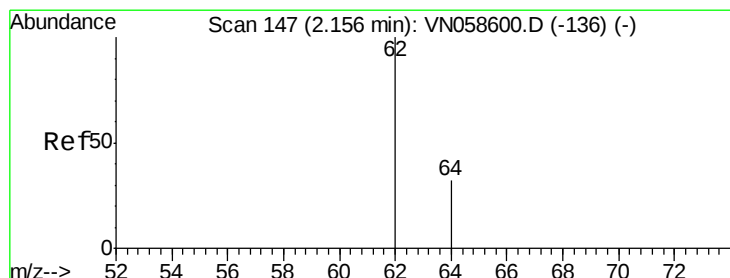
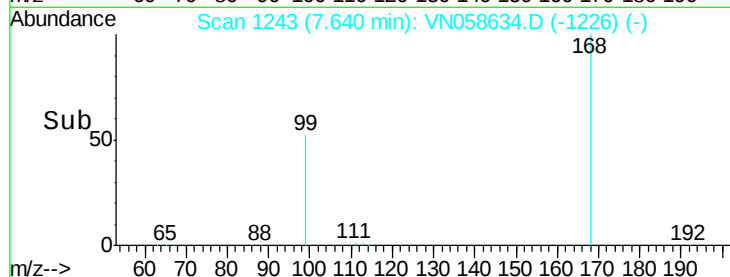
200000

100000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.171 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058634.D

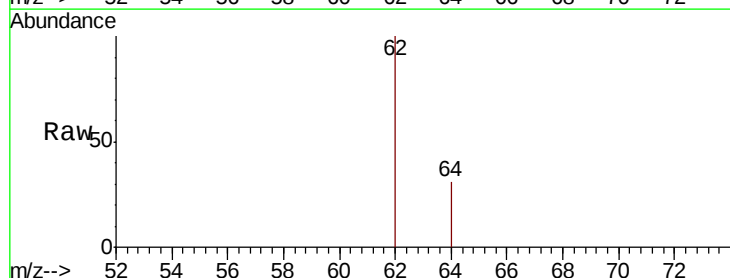
Acq: 9 Oct 2019 11:40

Tgt Ion: 62 Resp: 838182

Ion Ratio Lower Upper

62 100

64 31.3 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

600000

500000

400000

300000

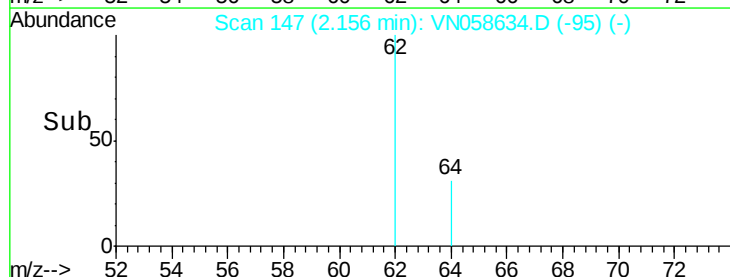
200000

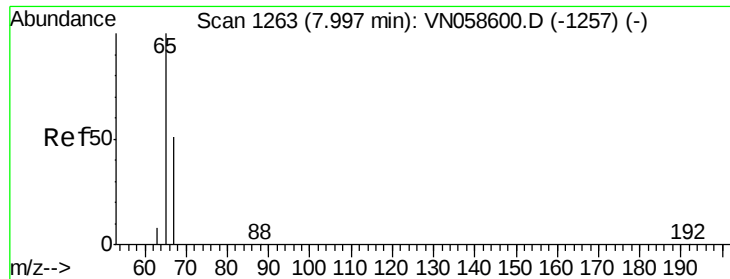
100000

0

Time-->

2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.335 ug/l

RT: 8.00 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

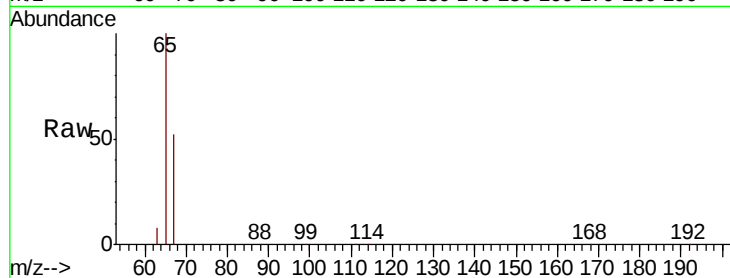
VN1009WBS01

Tot Ion: 65 Resp: 1016758

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058634.D (-1264) (-)

Ion 67.00 (66.70 to 67.70): VN058634.D (-1264) (-)

8.00

300000

250000

200000

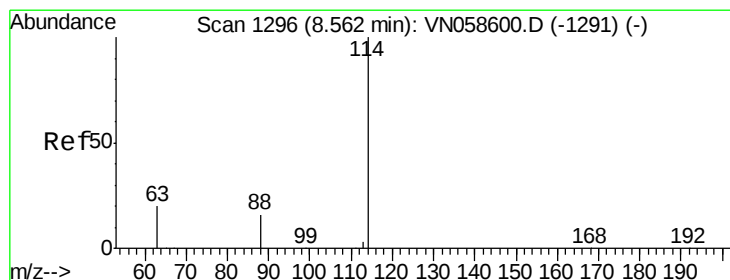
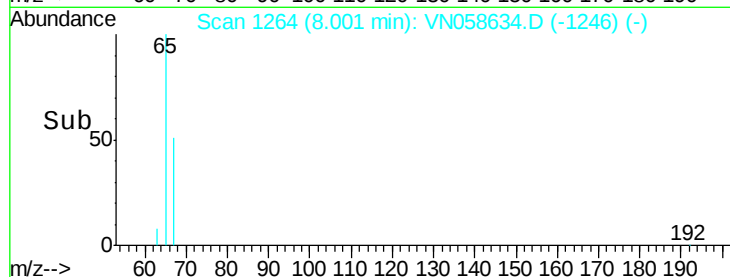
150000

100000

50000

0

Time--> 7.80 8.00 8.20



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

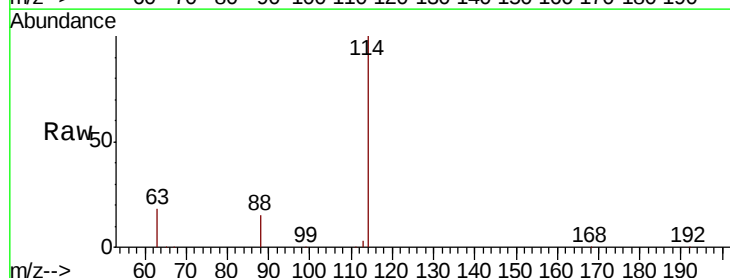
Tgt Ion: 114 Resp: 2319871

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.6

88 14.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058634.D (-1297) (-)

Ion 63.00 (62.70 to 63.70): VN058634.D (-1297) (-)

Ion 88.00 (87.70 to 88.70): VN058634.D (-1297) (-)

8.57

800000

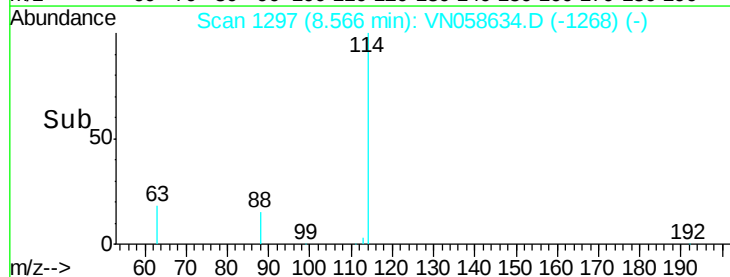
600000

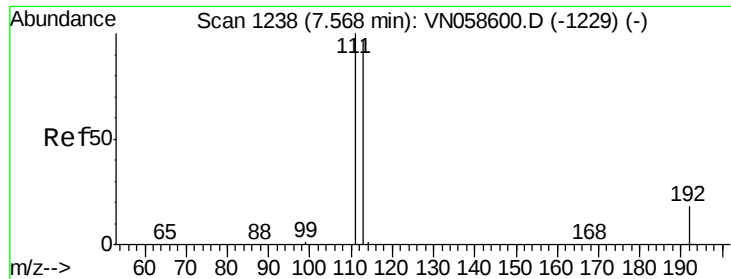
400000

200000

0

Time--> 8.40 8.60 8.80 9.00





#5

Dibromofluoromethane

Concen: 5.527 ug/l

RT: 7.57 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

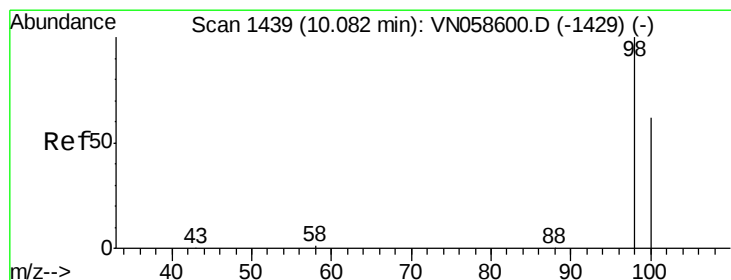
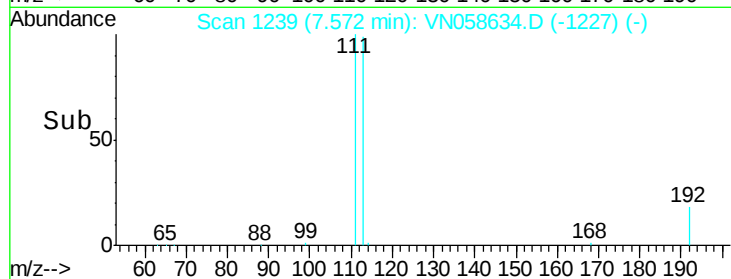
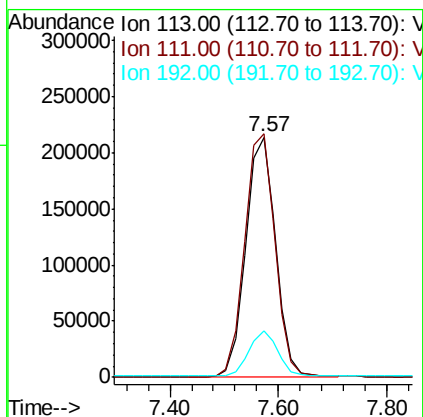
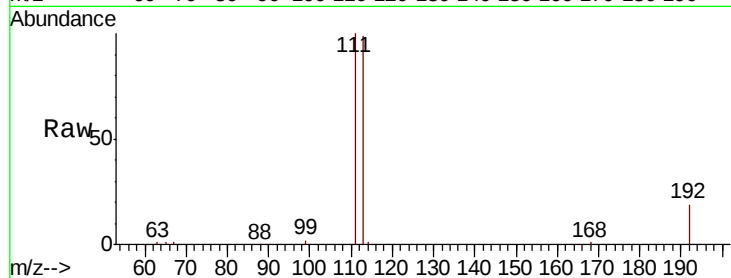
Tot Ion:113 Resp: 807768

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

192 19.1 14.9 22.3



#6

Toluene-d8

Concen: 5.225 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN058634.D

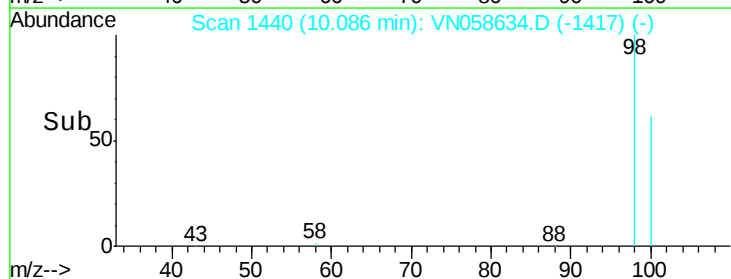
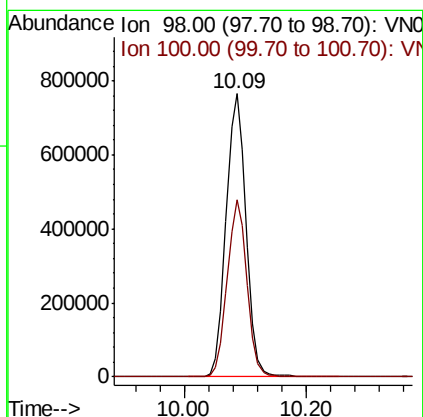
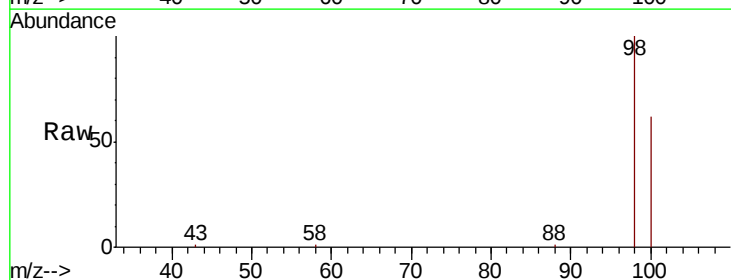
Acq: 9 Oct 2019 11:40

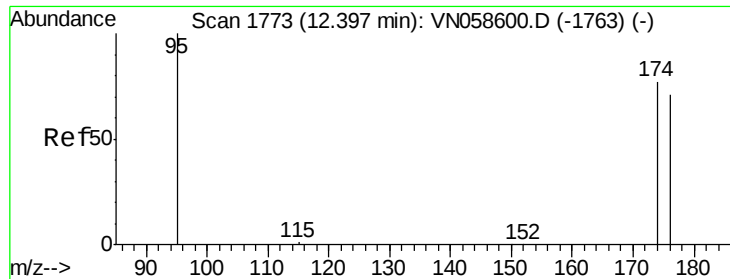
Tgt Ion: 98 Resp: 1725414

Ion Ratio Lower Upper

98 100

100 62.4 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.871 ug/l

RT: 12.40 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

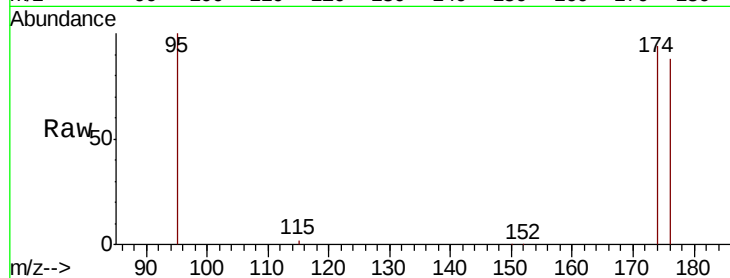
Tot Ion: 95 Resp: 788095

Ion Ratio Lower Upper

95 100

174 93.6 0.0 153.4

176 88.4 0.0 142.2

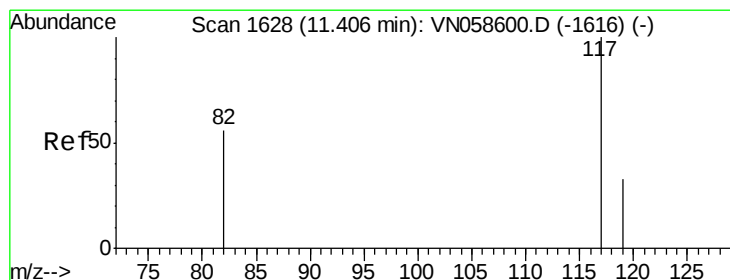
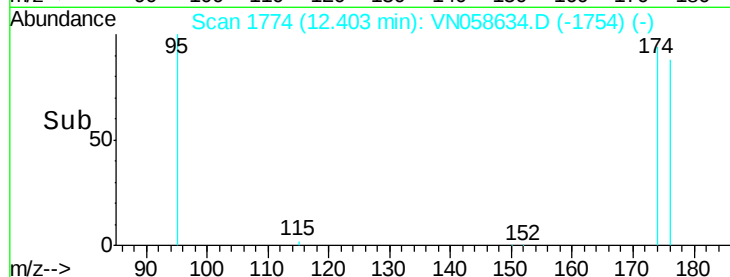


Abundance Ion 95.00 (94.70 to 95.70): VN058634.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058634.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058634.D (-1763) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN058634.D

Acq: 9 Oct 2019 11:40

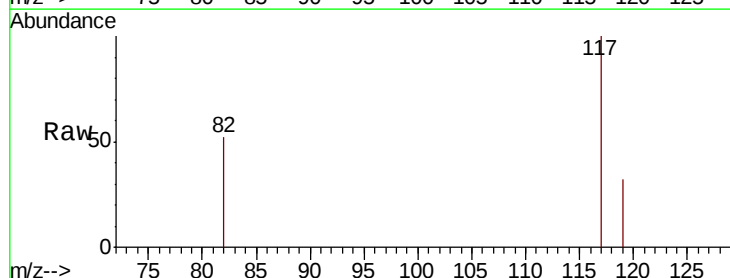
Tgt Ion: 117 Resp: 2107213

Ion Ratio Lower Upper

117 100

82 52.2 44.7 67.1

119 31.8 27.0 40.4

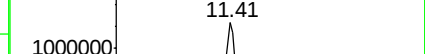
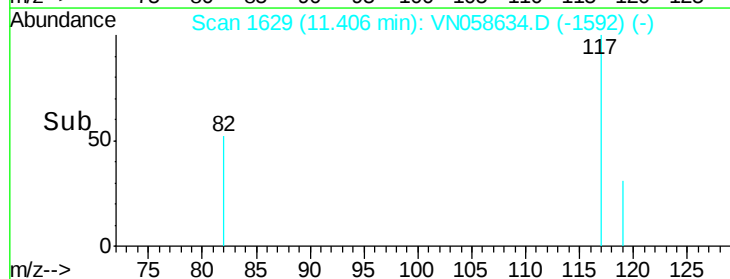


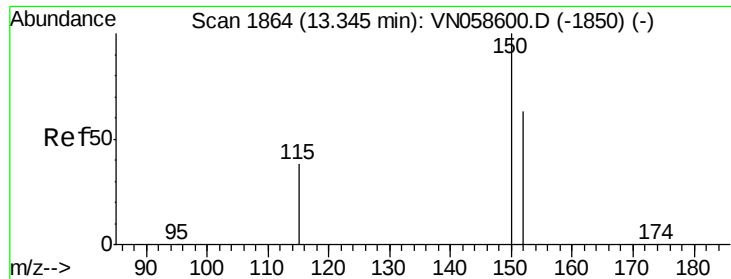
Abundance Ion 117.00 (116.70 to 117.70): VN058634.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VN058634.D (-1592) (-)

Ion 119.00 (118.70 to 119.70): VN058634.D (-1592) (-)

Time-->

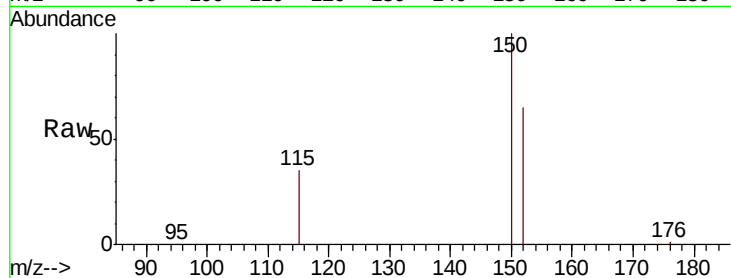




#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1865
 Delta R.T. 0.01 min
 Lab File: VN058634.D
 Acq: 9 Oct 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.8	29.9	89.8
150	152.8	0.0	315.8



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

