

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058605.D
 Acq On : 8 Oct 2019 13:17
 Operator : JC/SP
 Sample : K5111-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:16:03 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	2614528	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	3850344	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3379143	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1340141	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	1556985	4.98	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	99.60%
5) Dibromofluoromethane	7.56	113	1208322	4.98	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	99.60%
6) Toluene-d8	10.08	98	2724797	4.97	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.40%
7) 4-Bromofluorobenzene	12.40	95	1274846	4.75	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.00%

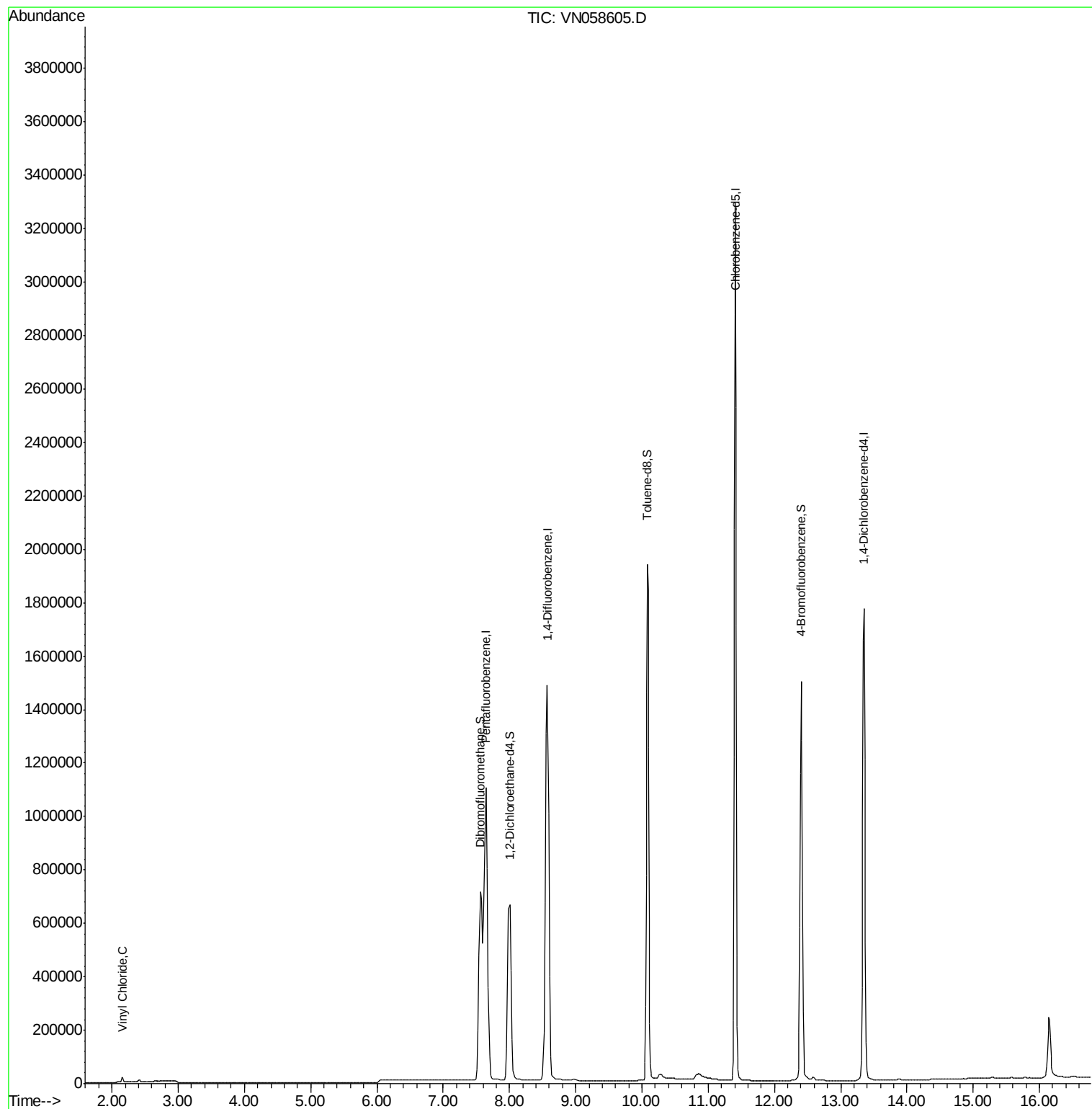
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	22520	0.085 ug/l #	81

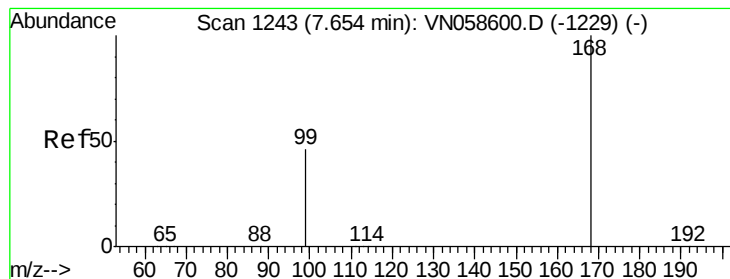
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

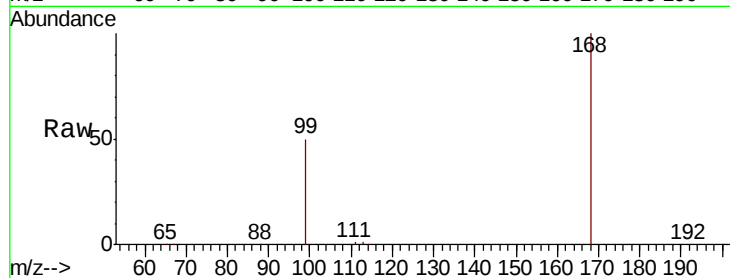
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 2614528

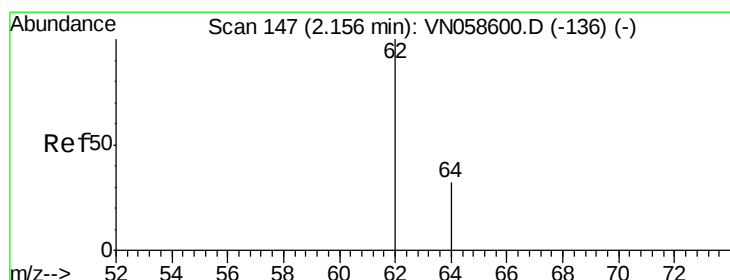
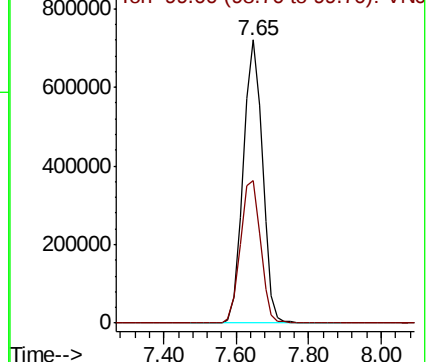
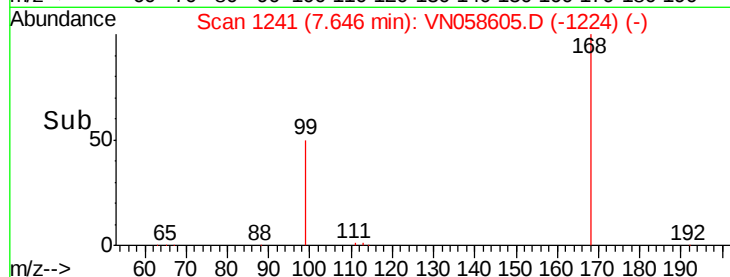
Ion Ratio Lower Upper

168 100

99 50.4 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058605.D (-1224) (-)



#2

Vinyl Chloride

Concen: 0.085 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058605.D

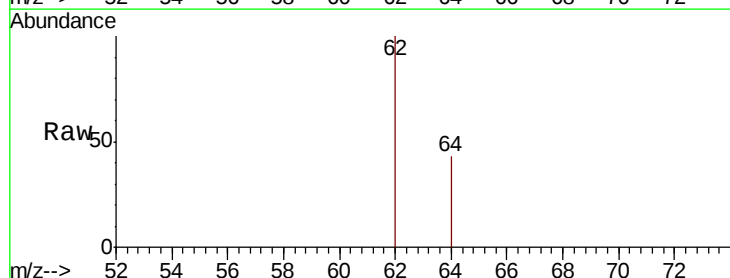
Acq: 8 Oct 2019 13:17

Tgt Ion: 62 Resp: 22520

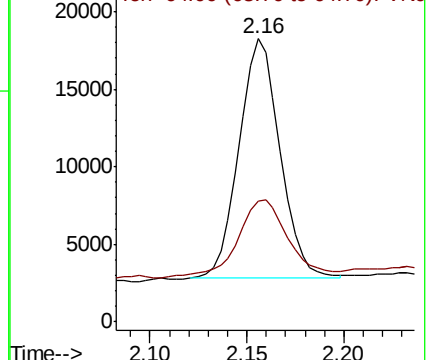
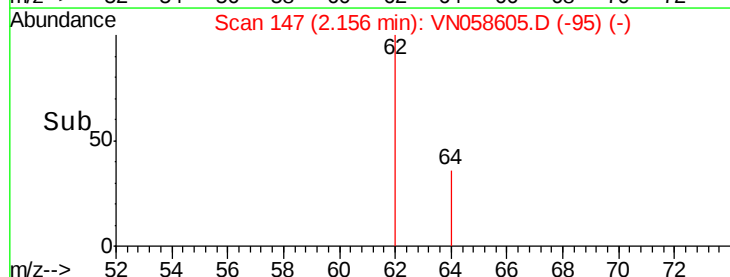
Ion Ratio Lower Upper

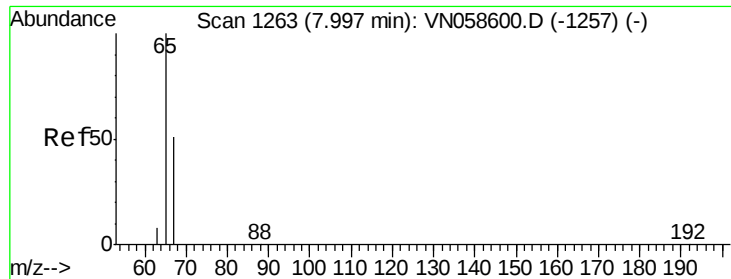
62 100

64 42.8 25.8 38.6#



Abundance Ion 62.00 (61.70 to 62.70): VN058605.D (-95) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.985 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

Instrument :

MSVOA_N

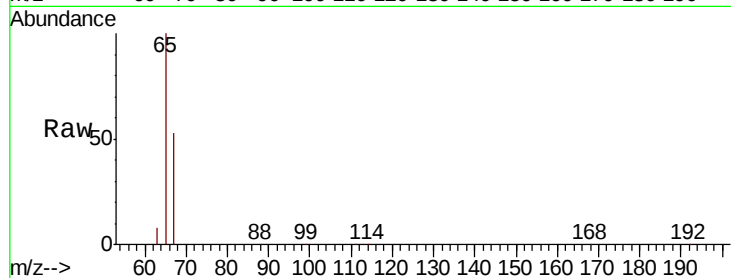
ClientSampleId :

Tot Ion: 65 Resp: 1556985

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058605.D (-1262) (-)

Ion 67.00 (66.70 to 67.70): VN058605.D (-1262) (-)

8.01

400000

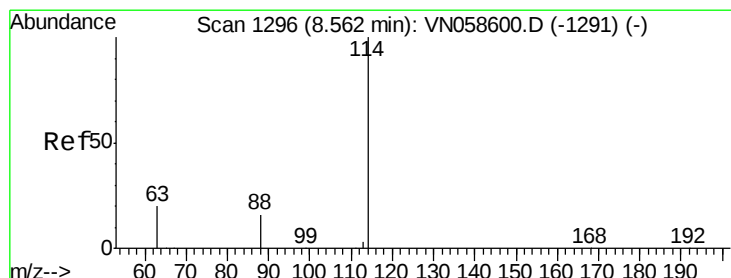
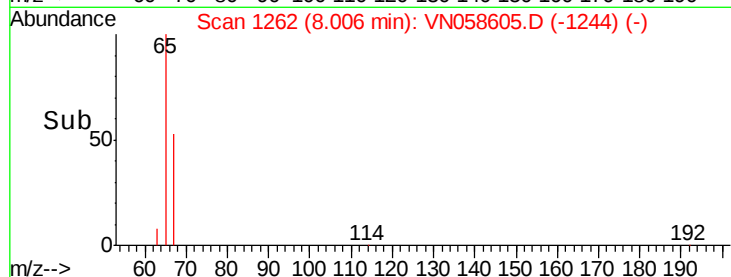
300000

200000

100000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

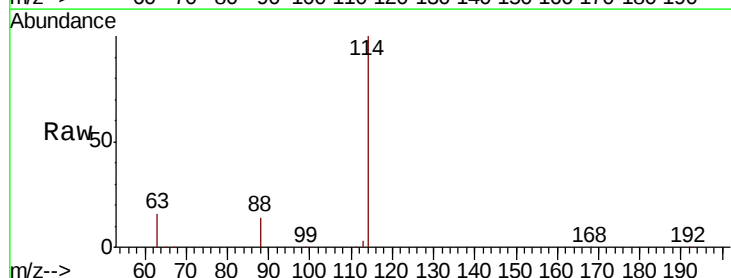
Tgt Ion: 114 Resp: 3850344

Ion Ratio Lower Upper

114 100

63 16.3 0.0 40.6

88 14.2 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058605.D (-1295) (-)

Ion 63.00 (62.70 to 63.70): VN058605.D (-1295) (-)

Ion 88.00 (87.70 to 88.70): VN058605.D (-1295) (-)

8.57

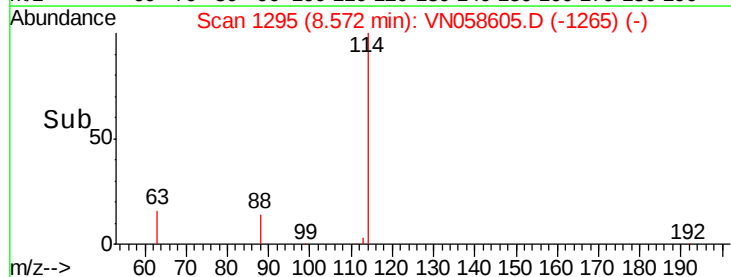
1500000

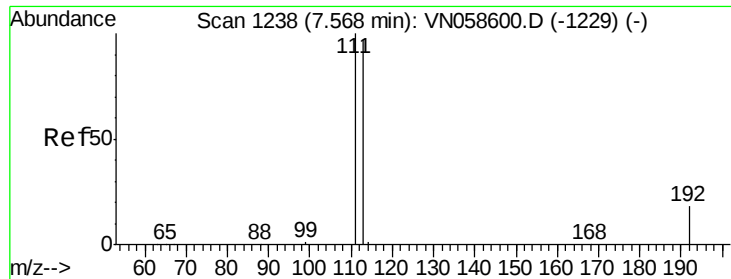
1000000

500000

0

Time-->





#5

Dibromofluoromethane

Concen: 4.982 ug/l

RT: 7.56 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

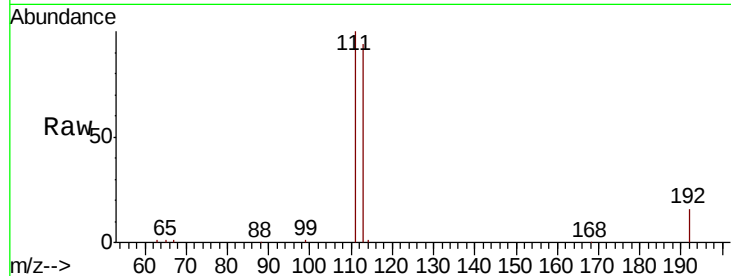
Tot Ion:113 Resp: 1208322

Ion Ratio Lower Upper

113 100

111 106.0 82.5 123.7

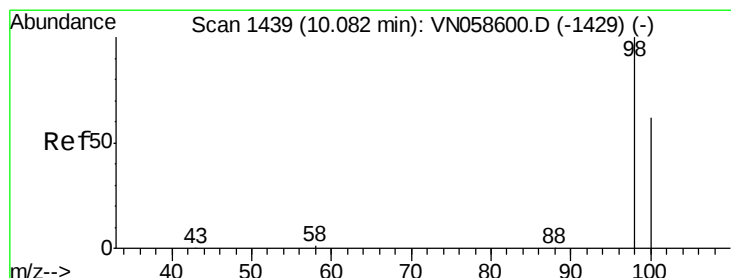
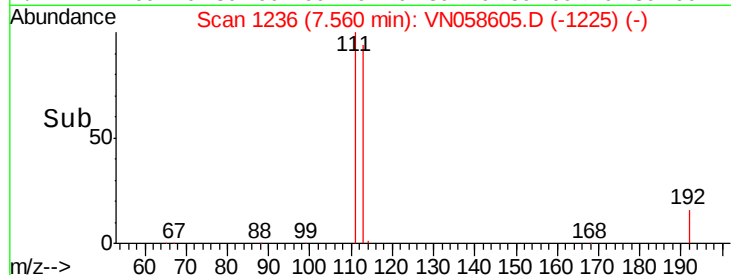
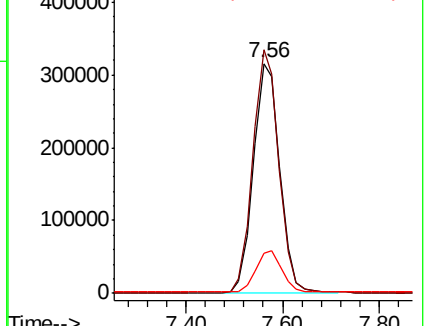
192 17.2 14.9 22.3



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: 4.972 ug/l

RT: 10.08 min Scan# 1437

Delta R.T. 0.00 min

Lab File: VN058605.D

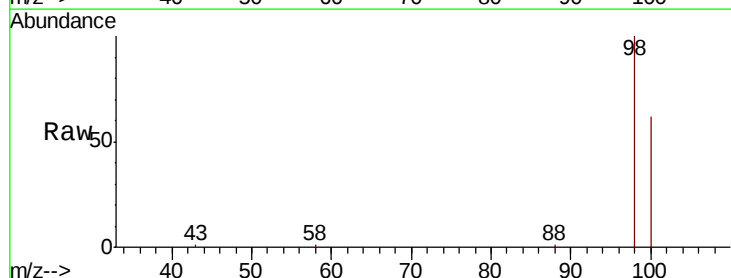
Acq: 8 Oct 2019 13:17

Tgt Ion: 98 Resp: 2724797

Ion Ratio Lower Upper

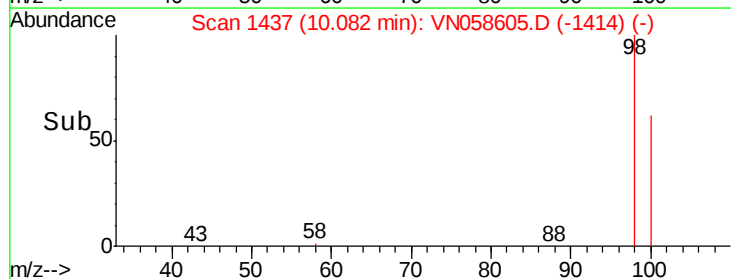
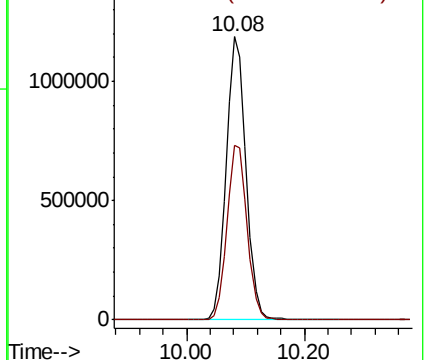
98 100

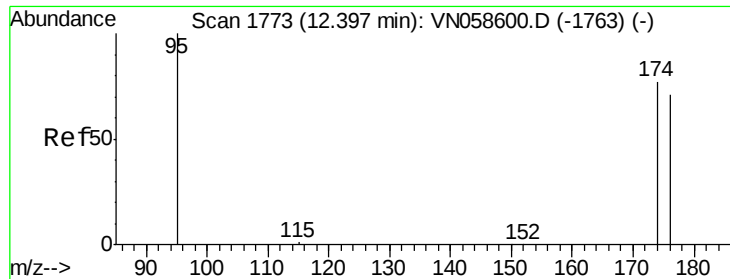
100 61.7 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.748 ug/l

RT: 12.40 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

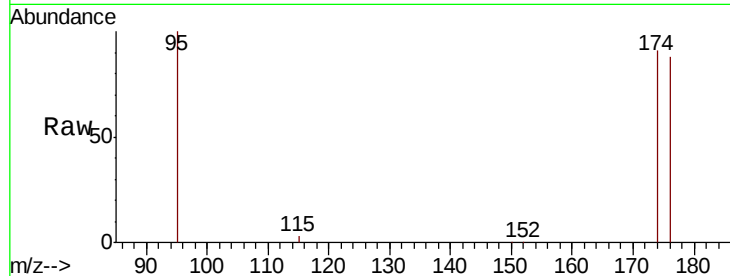
Tot Ion: 95 Resp: 1274846

Ion Ratio Lower Upper

95 100

174 90.9 0.0 153.4

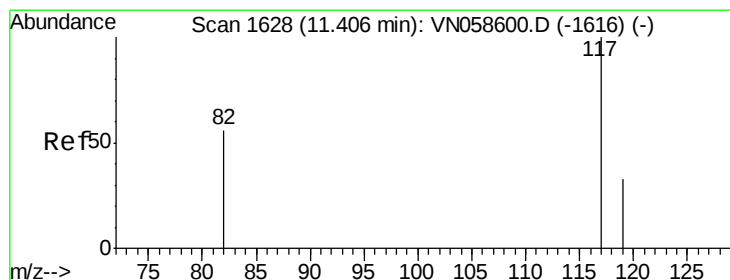
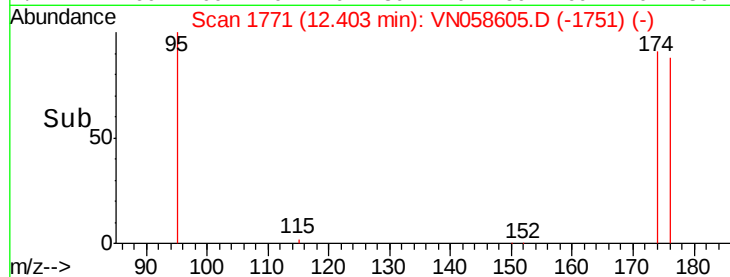
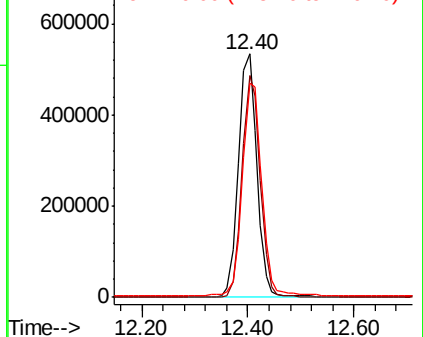
176 88.0 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

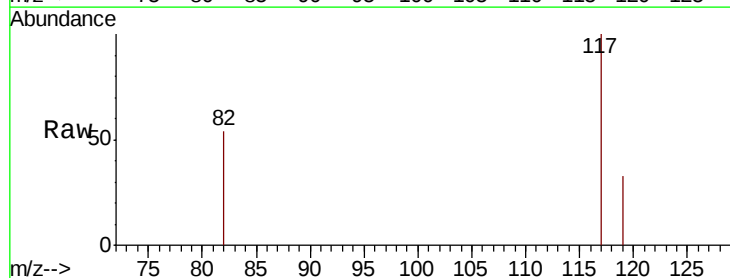
Tgt Ion: 117 Resp: 3379143

Ion Ratio Lower Upper

117 100

82 54.4 44.7 67.1

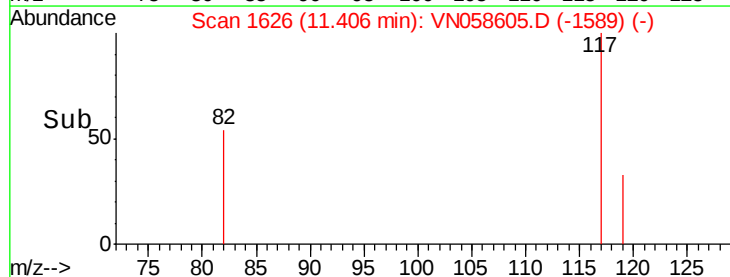
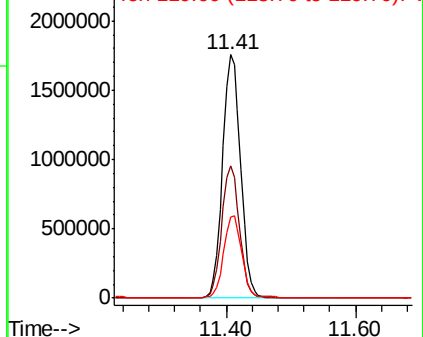
119 33.3 27.0 40.4

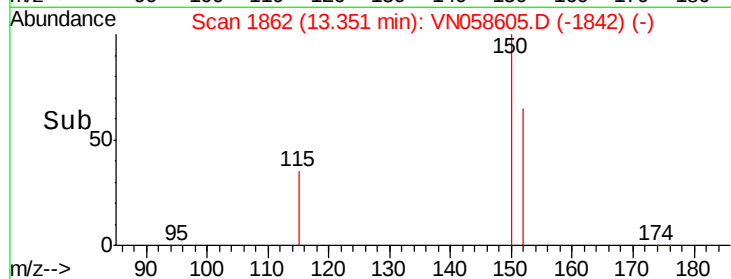
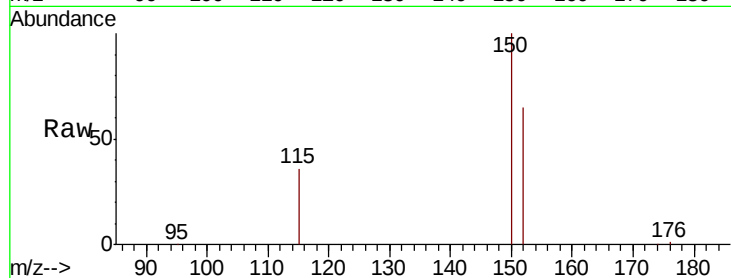
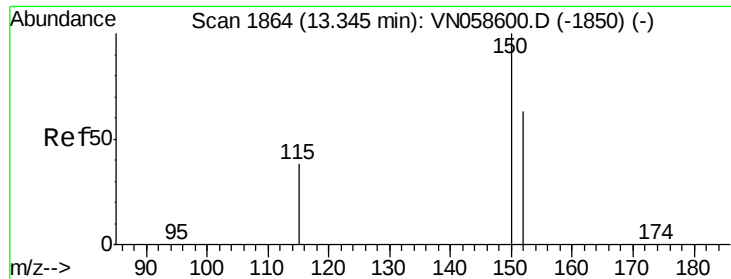


Abundance Ion 117.00 (116.70 to 117.70): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): VN0





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VN058605.D

Acq: 8 Oct 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 1340141

Ion Ratio Lower Upper

152 100

115 55.2 29.9 89.8

150 154.1 0.0 315.8

