

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102219\
 Data File : VN058904.D
 Acq On : 22 Oct 2019 13:06
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 04:54:11 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

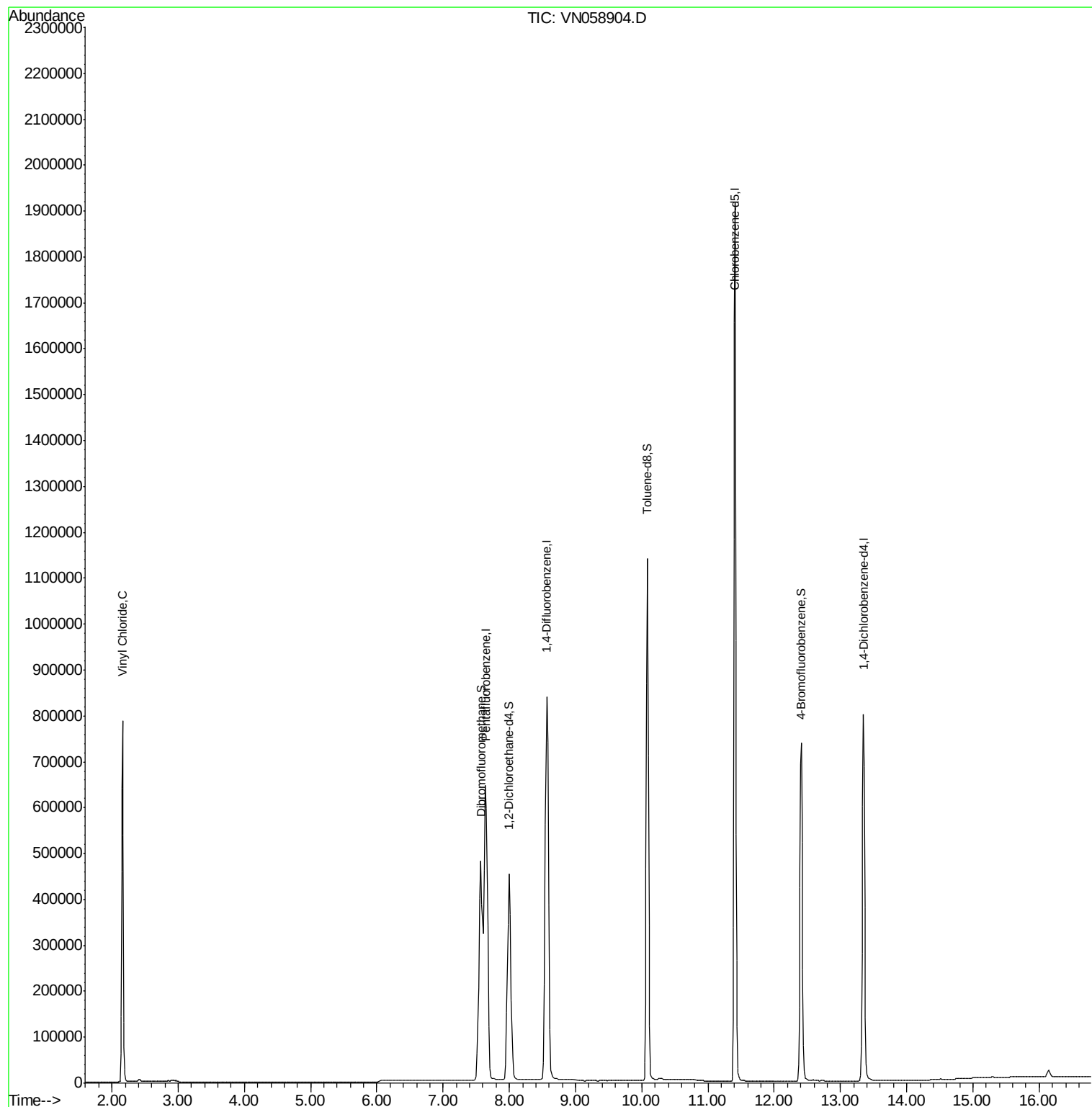
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1580580	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	2186367	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	1987126	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	610112	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1019365	5.40	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery	=	108.00%	
5) Dibromofluoromethane	7.57	113	790930	5.74	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery	=	114.80%	
6) Toluene-d8	10.08	98	1606568	5.16	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery	=	103.20%	
7) 4-Bromofluorobenzene	12.40	95	638969	4.19	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery	=	83.80%#	
Target Compounds						
2) Vinyl Chloride	2.16	62	929988	5.790	ug/l	Qvalue 99

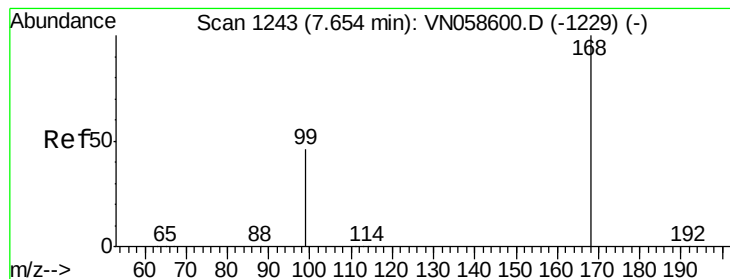
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058904.D

Acq: 22 Oct 2019 13:06

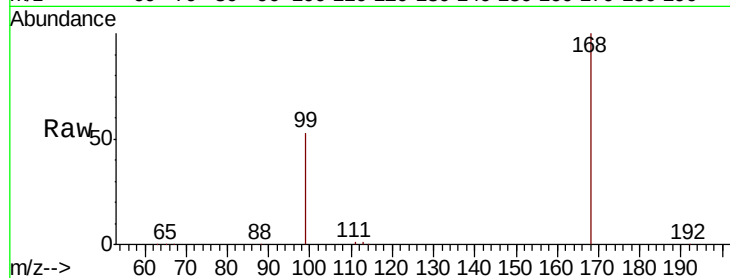
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1580580

Ion Ratio Lower Upper

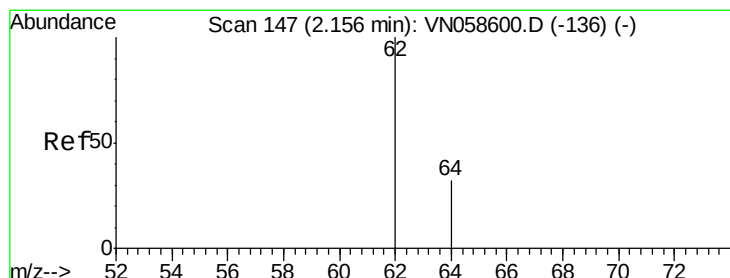
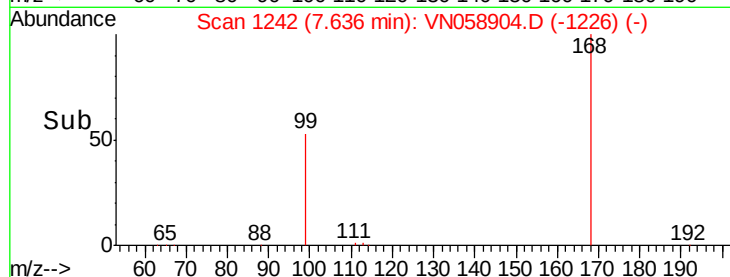
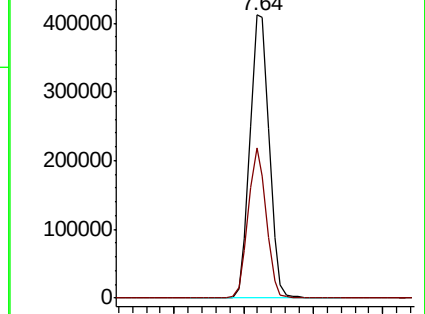
168 100

99 53.0 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 5.790 ug/l

RT: 2.16 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN058904.D

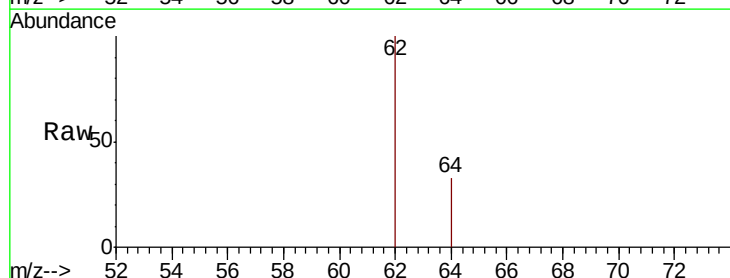
Acq: 22 Oct 2019 13:06

Tgt Ion: 62 Resp: 929988

Ion Ratio Lower Upper

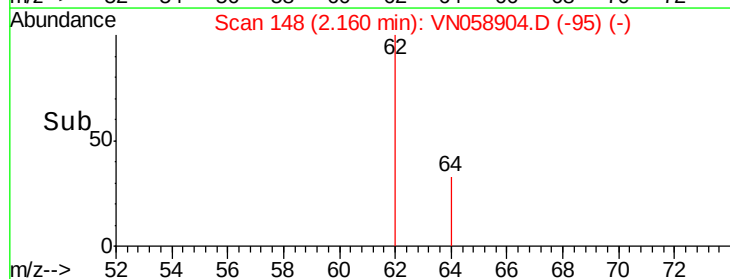
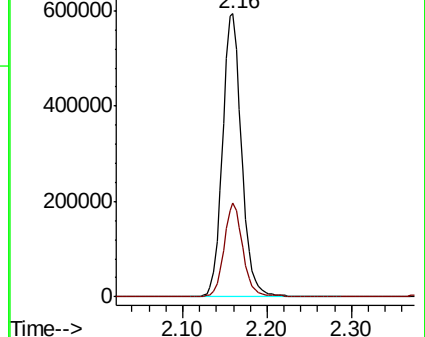
62 100

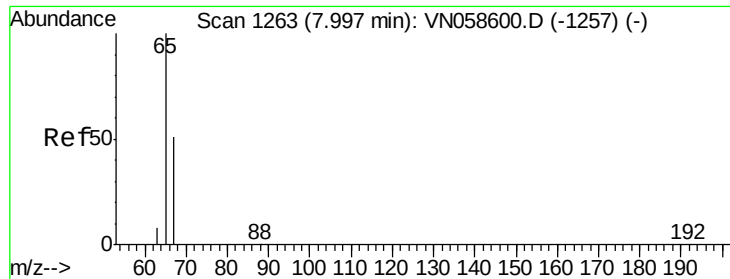
64 33.0 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 5.398 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN058904.D

Acq: 22 Oct 2019 13:06

Instrument :

MSVOA_N

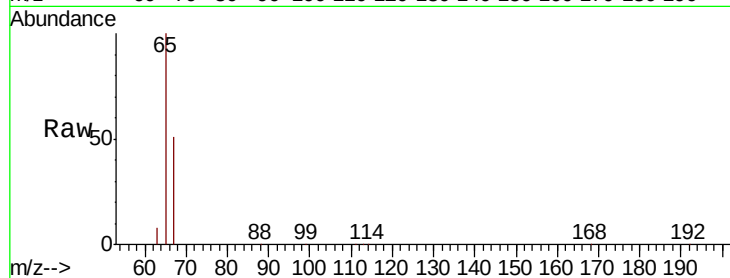
ClientSampleId :

Tot Ion: 65 Resp: 1019365

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.00

300000

250000

200000

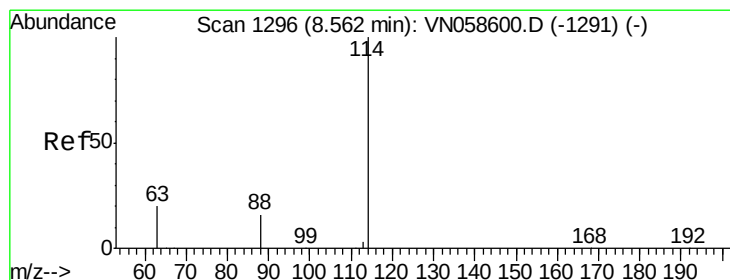
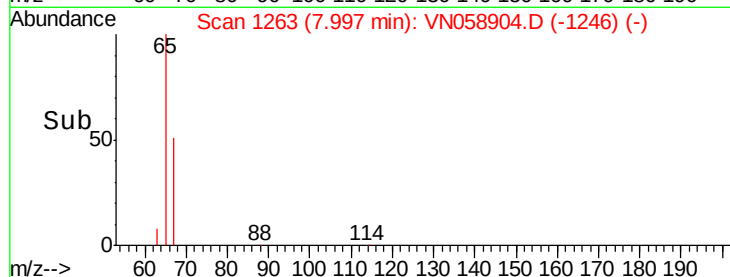
150000

100000

50000

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: VN058904.D

Acq: 22 Oct 2019 13:06

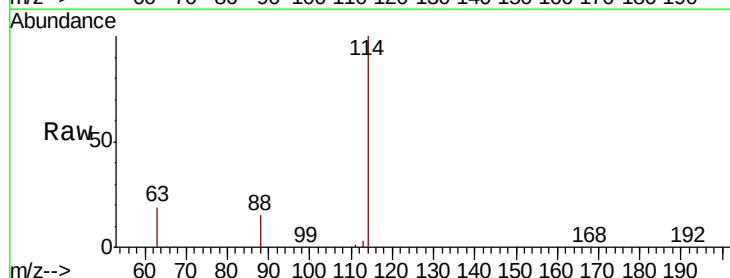
Tgt Ion: 114 Resp: 2186367

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

88 15.1 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

8.56

800000

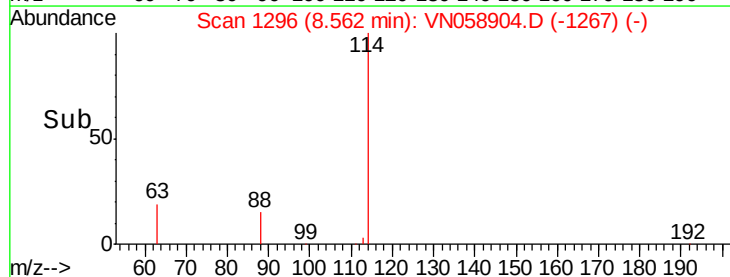
600000

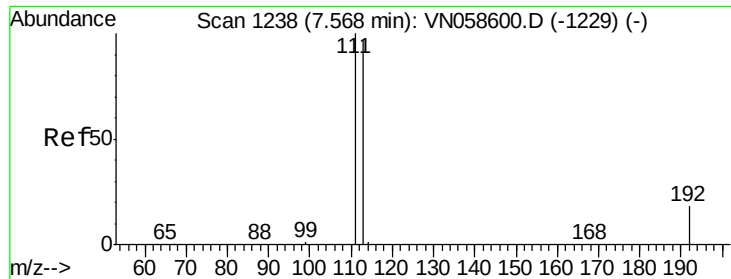
400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.742 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN058904.D

Acq: 22 Oct 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

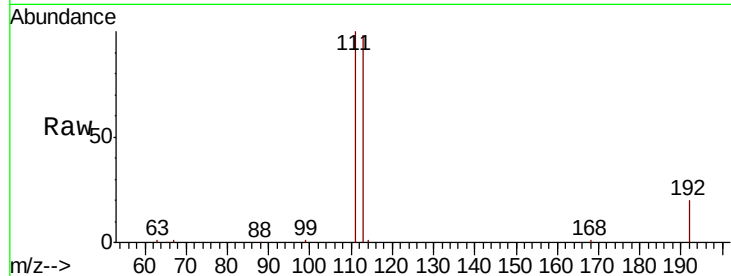
Tot Ion:113 Resp: 790930

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

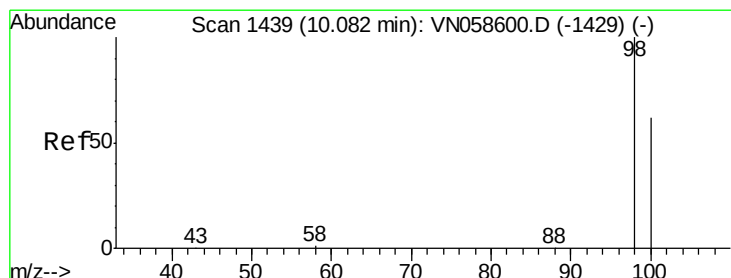
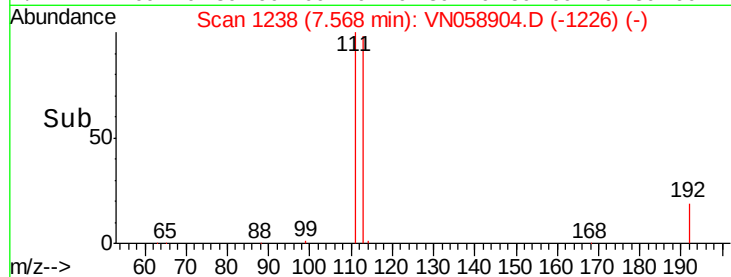
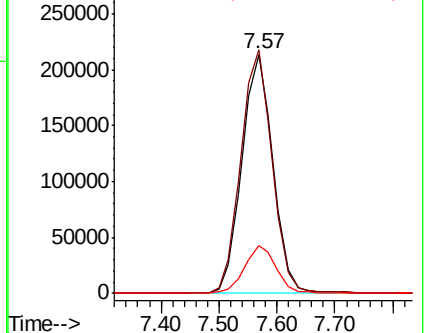
192 19.9 14.9 22.3



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: 5.162 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VN058904.D

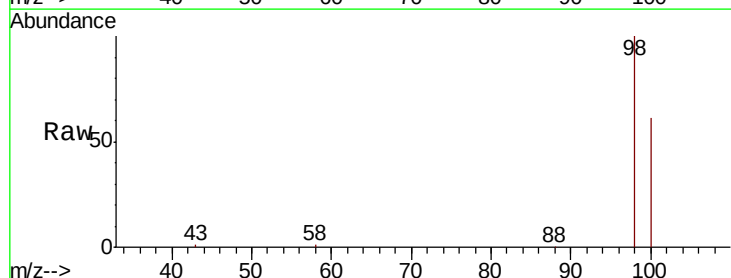
Acq: 22 Oct 2019 13:06

Tgt Ion: 98 Resp: 1606568

Ion Ratio Lower Upper

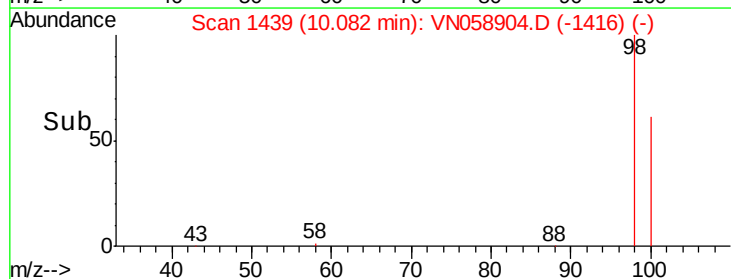
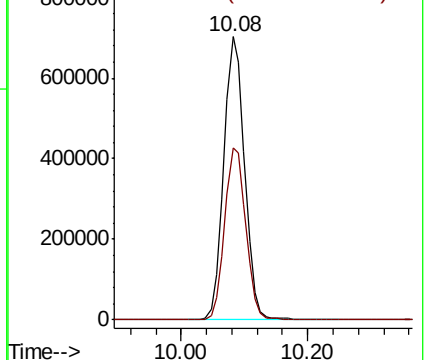
98 100

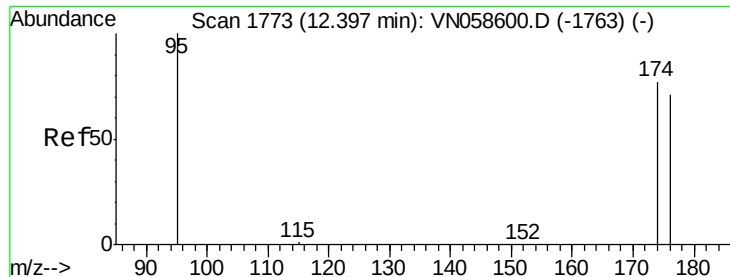
100 60.8 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.190 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058904.D

Acq: 22 Oct 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

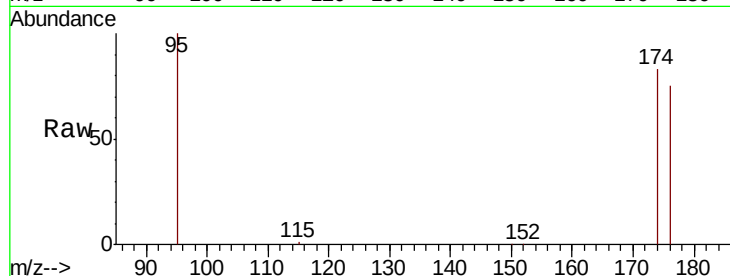
Tot Ion: 95 Resp: 638969

Ion Ratio Lower Upper

95 100

174 82.9 0.0 153.4

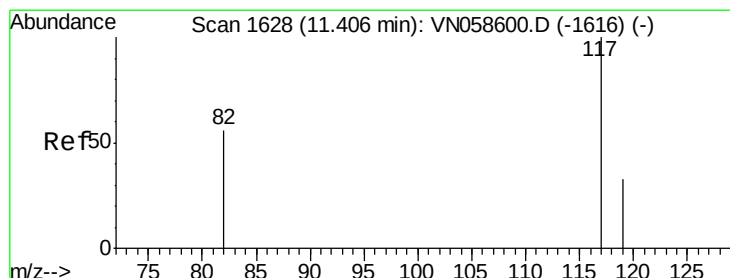
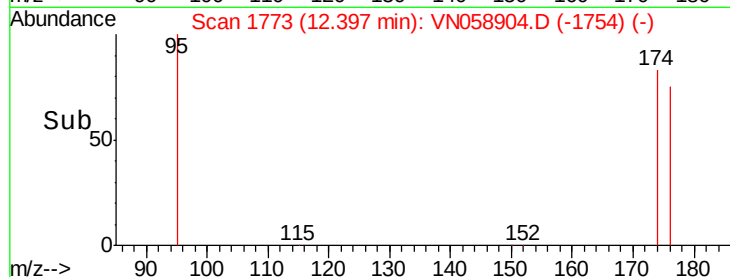
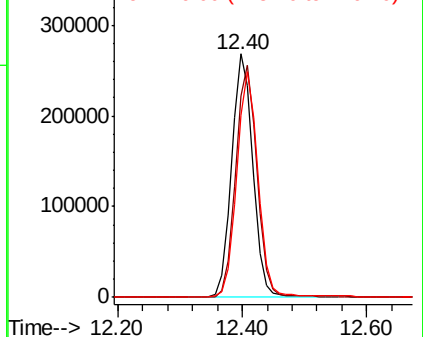
176 74.7 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058600.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN058904.D

Acq: 22 Oct 2019 13:06

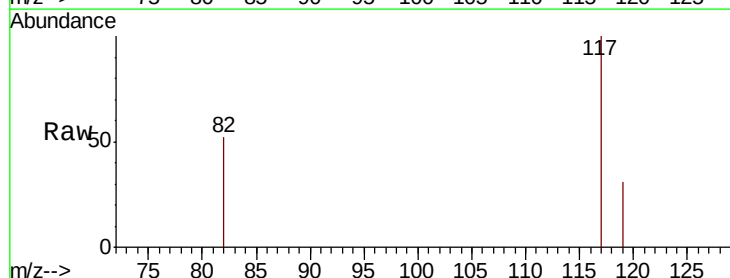
Tgt Ion: 117 Resp: 1987126

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

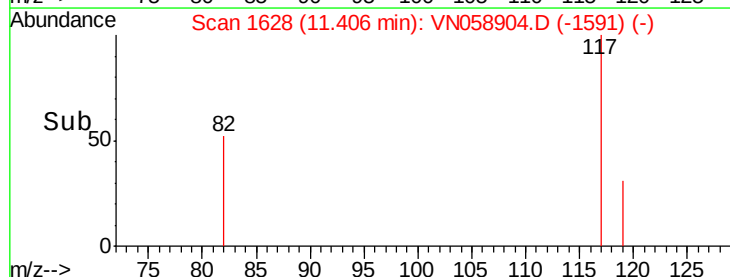
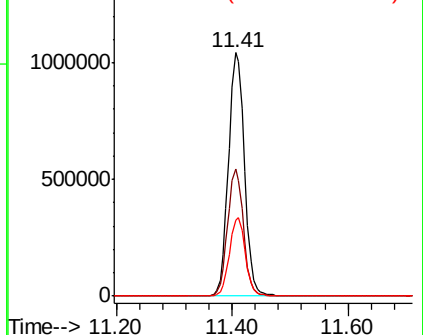
119 31.4 27.0 40.4

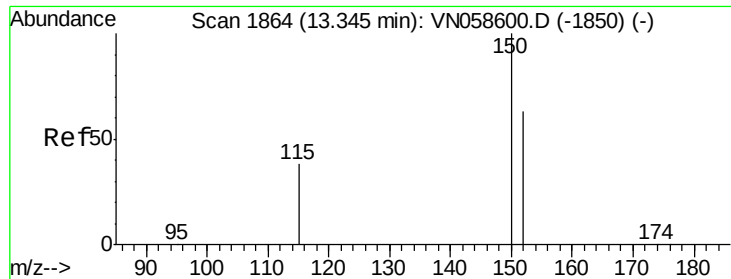


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058600.D (-1616) (-)





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN058904.D
 Acq: 22 Oct 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 610112
 Ion Ratio Lower Upper
 152 100
 115 56.0 29.9 89.8
 150 160.7 0.0 315.8

