

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058597.D
 Acq On : 8 Oct 2019 10:08
 Operator : JC/SP
 Sample : VSSTDICC0.5
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:05:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:00:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	3324403	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	4798563	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	4138411	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1705589	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	200052	0.48	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	9.60%#
5) Dibromofluoromethane	7.57	113	150403	0.48	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	9.60%#
6) Toluene-d8	10.08	98	352460	0.54	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	10.80%#
7) 4-Bromofluorobenzene	12.40	95	188202	1.04	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	20.80%#

Target Compounds

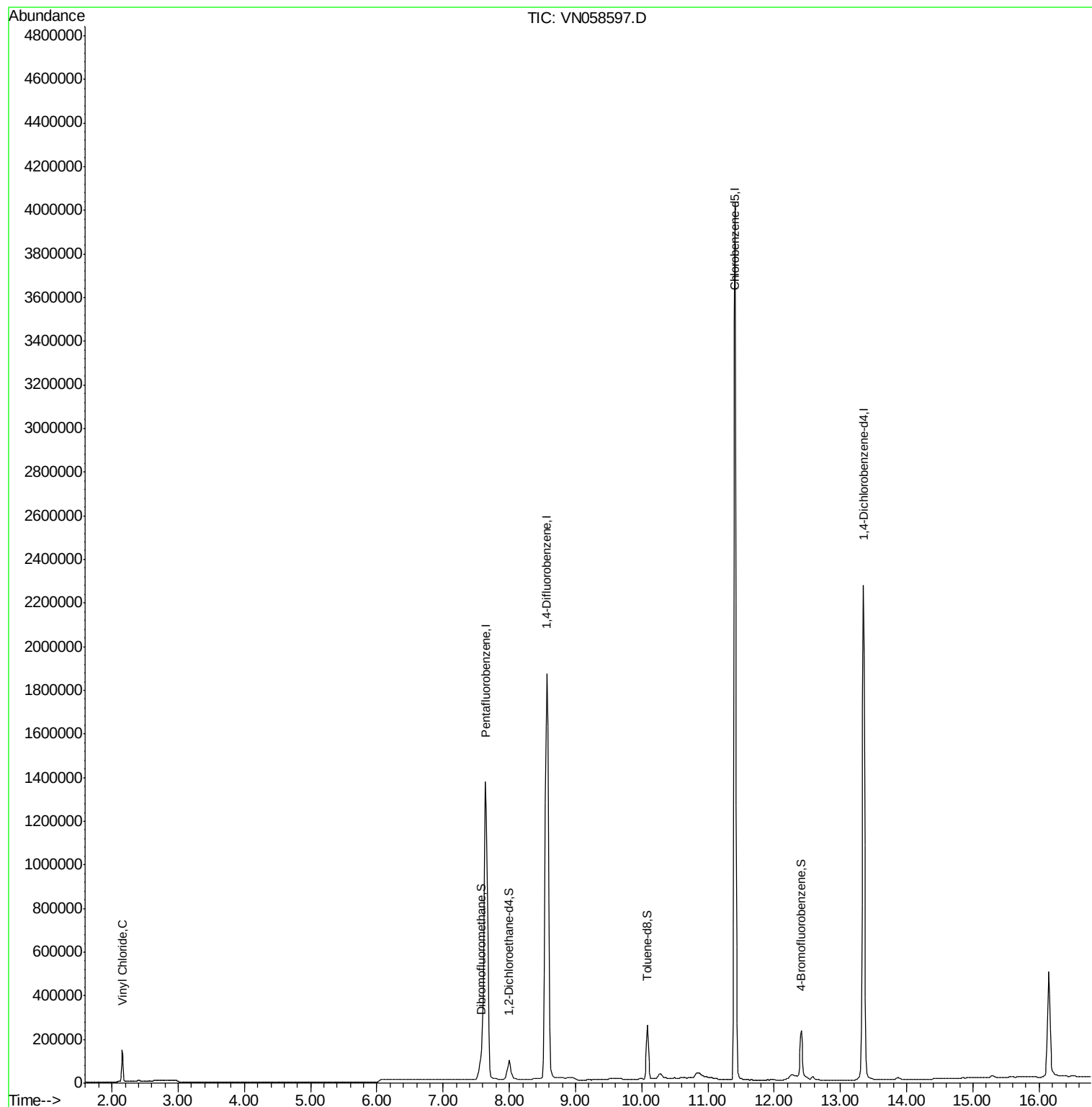
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	179001	0.575	ug/l	99

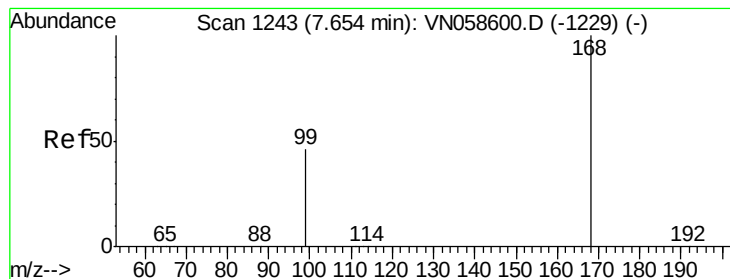
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
Data File : VN058597.D
Acq On : 8 Oct 2019 10:08
Operator : JC/SP
Sample : VSSTDIC0.5
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 09 04:05:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:00:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058597.D

Acq: 8 Oct 2019 10:08

Instrument :

MSVOA_N

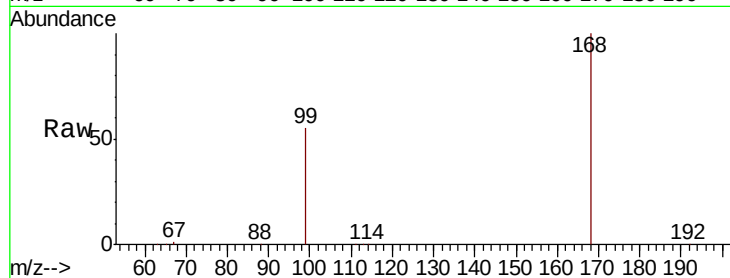
ClientSampleId :

Tot Ion:168 Resp: 3324403

Ion Ratio Lower Upper

168 100

99 55.1 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058600.D (-1229) (-)

Ion 99.00 (98.70 to 99.70): VN058600.D (-1229) (-)

7.64

800000

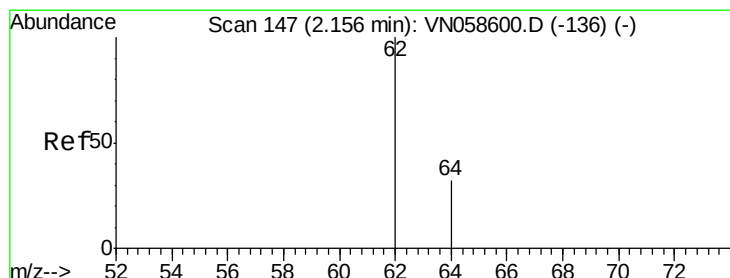
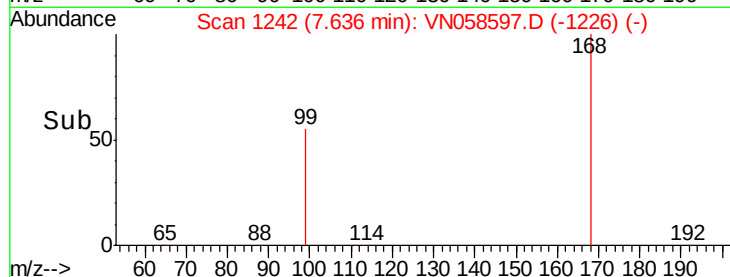
600000

400000

200000

0

Time-->



#2

Vinyl Chloride

Concen: 0.575 ug/l

RT: 2.16 min Scan# 147

Delta R.T. -0.00 min

Lab File: VN058597.D

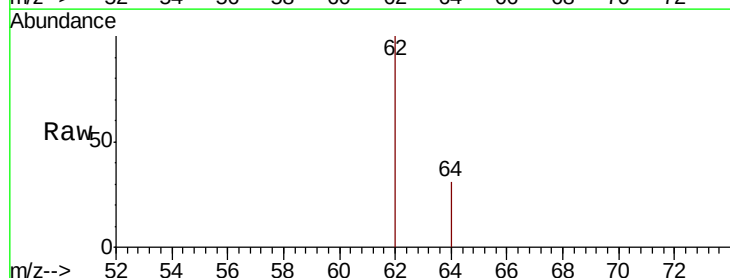
Acq: 8 Oct 2019 10:08

Tgt Ion: 62 Resp: 179001

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN058600.D (-136) (-)

Ion 64.00 (63.70 to 64.70): VN058600.D (-136) (-)

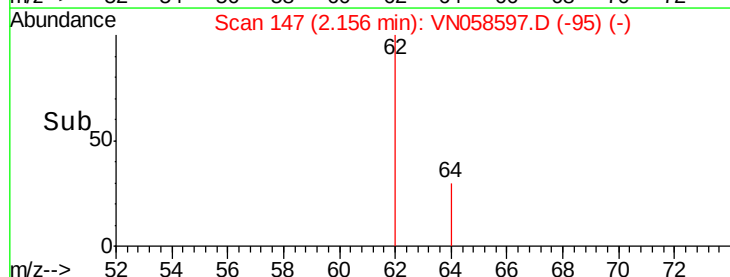
2.16

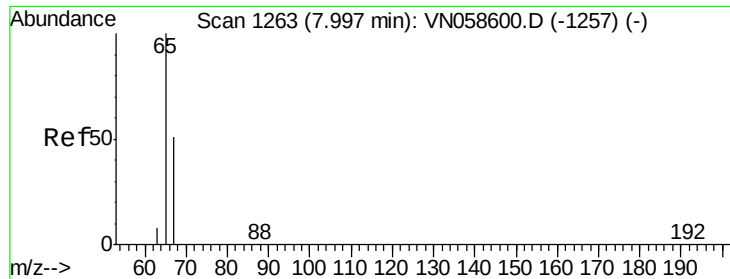
100000

50000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 0.481 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN058597.D

Acq: 8 Oct 2019 10:08

Instrument :

MSVOA_N

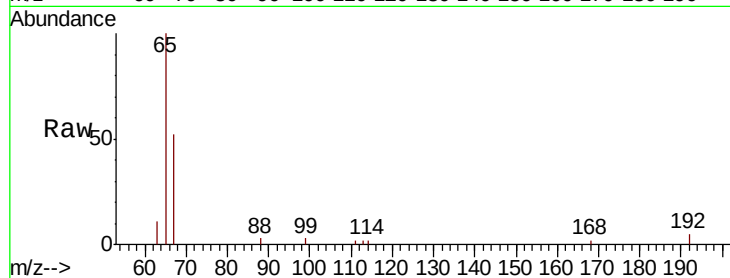
ClientSampleId :

Tot Ion: 65 Resp: 200052

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058597.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058597.D (-1246) (-)

8.00

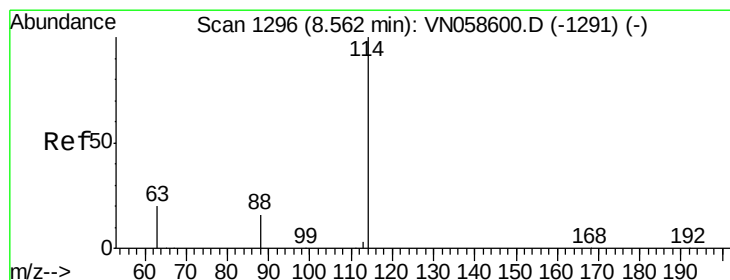
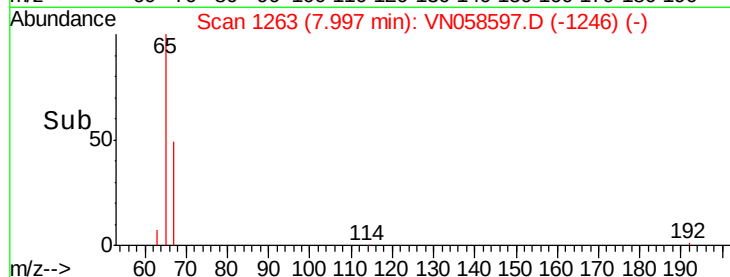
60000

40000

20000

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: VN058597.D

Acq: 8 Oct 2019 10:08

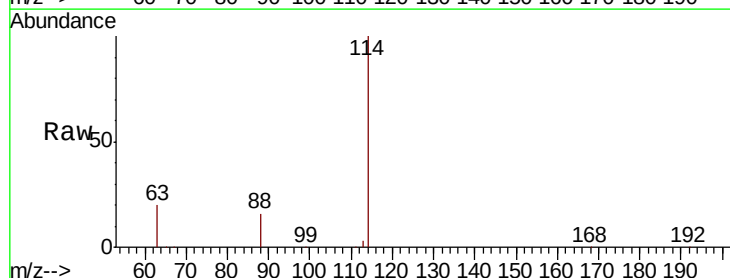
Tgt Ion: 114 Resp: 4798563

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 16.4 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058597.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058597.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058597.D (-1267) (-)

8.56

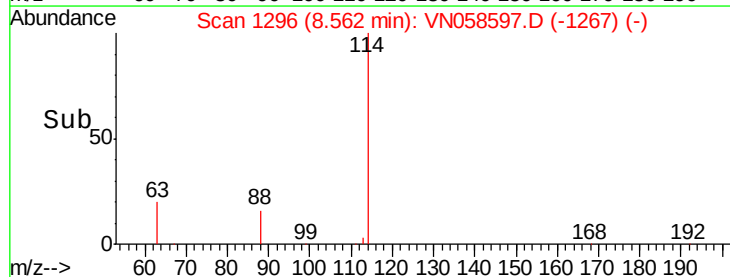
1500000

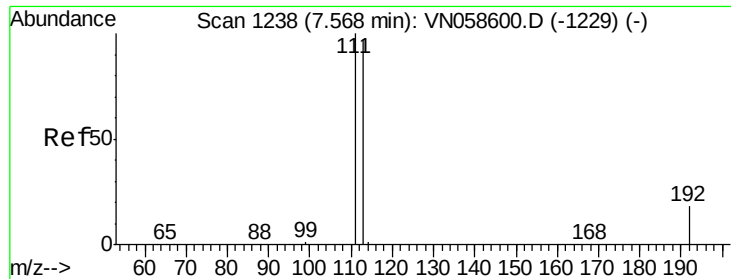
1000000

500000

0

Time-->





#5

Dibromofluoromethane

Concen: 0.481 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN058597.D

Acq: 8 Oct 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

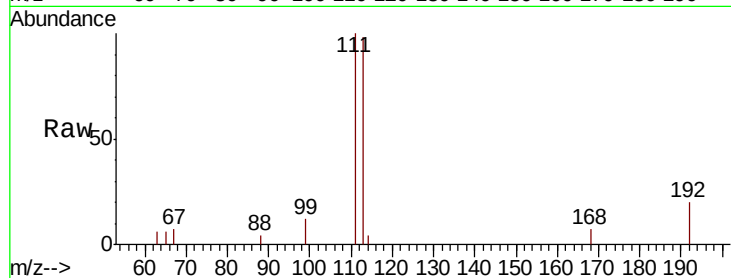
Tot Ion:113 Resp: 150403

Ion Ratio Lower Upper

113 100

111 101.7 82.5 123.7

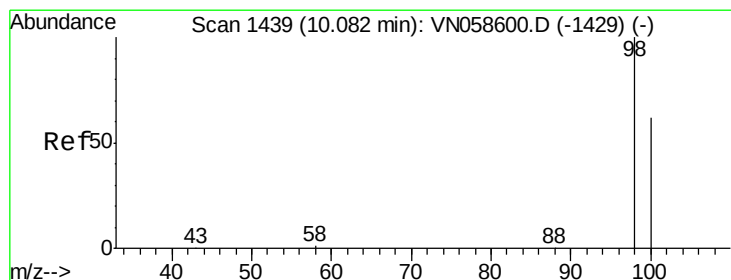
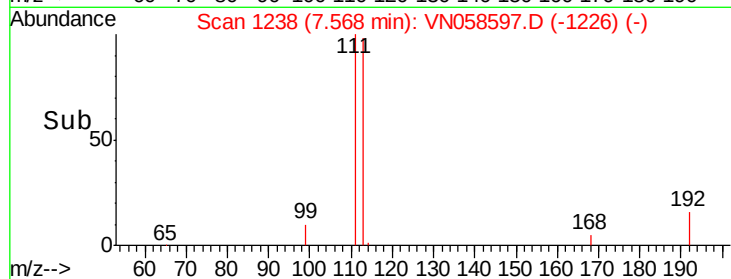
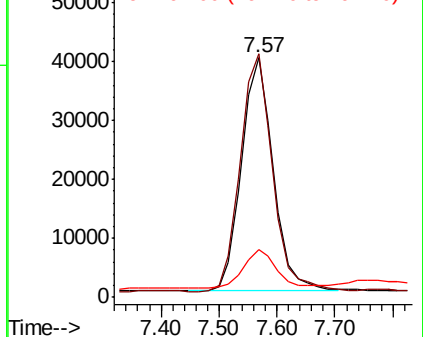
192 19.9 14.9 22.3



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: 0.543 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VN058597.D

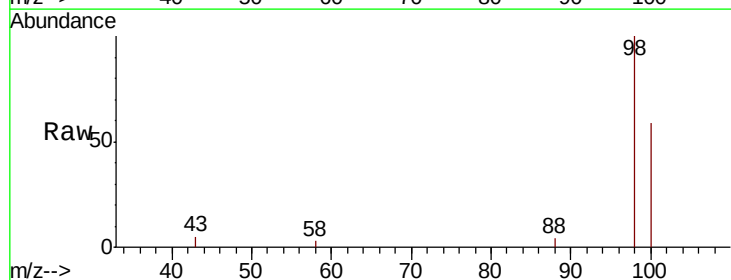
Acq: 8 Oct 2019 10:08

Tgt Ion: 98 Resp: 352460

Ion Ratio Lower Upper

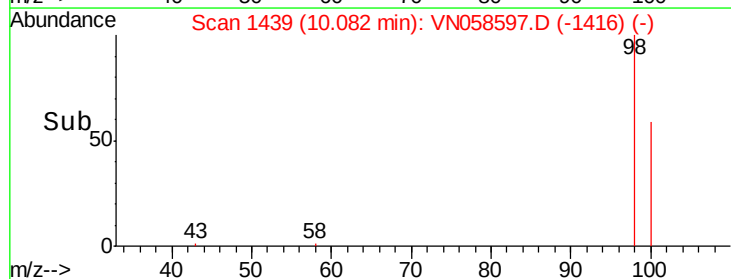
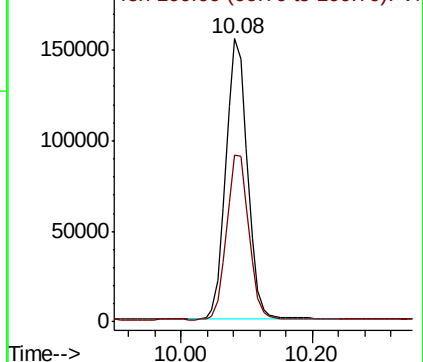
98 100

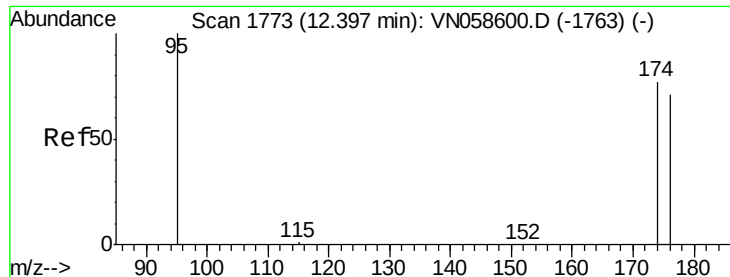
100 59.0 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 1.040 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058597.D

Acq: 8 Oct 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

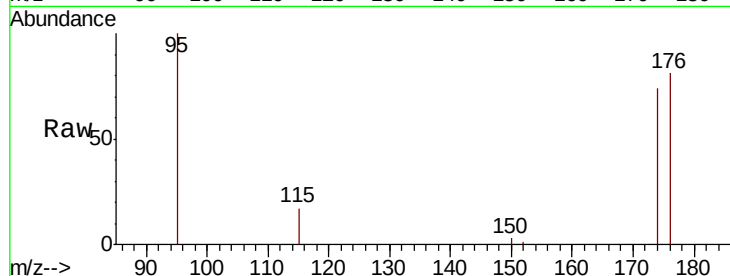
Tot Ion: 95 Resp: 188202

Ion Ratio Lower Upper

95 100

174 74.1 0.0 153.4

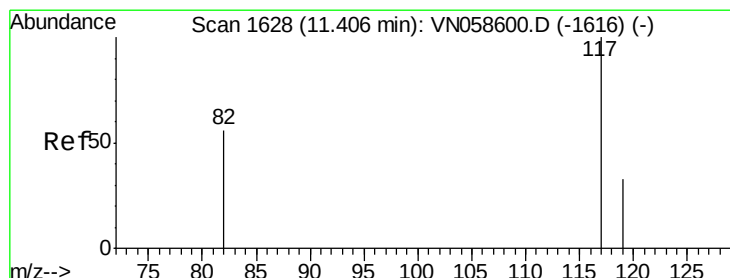
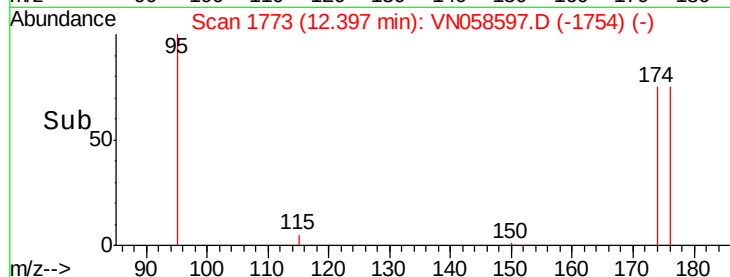
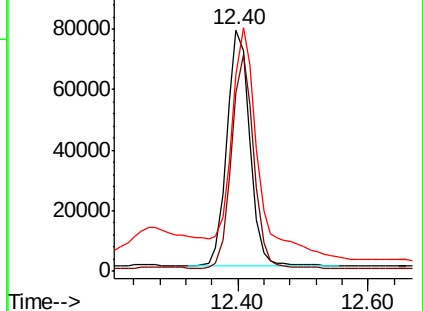
176 81.0 0.0 142.2



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: VN058597.D

Acq: 8 Oct 2019 10:08

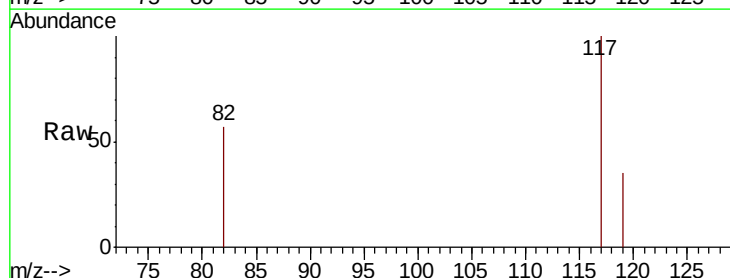
Tgt Ion: 117 Resp: 4138411

Ion Ratio Lower Upper

117 100

82 56.5 44.7 67.1

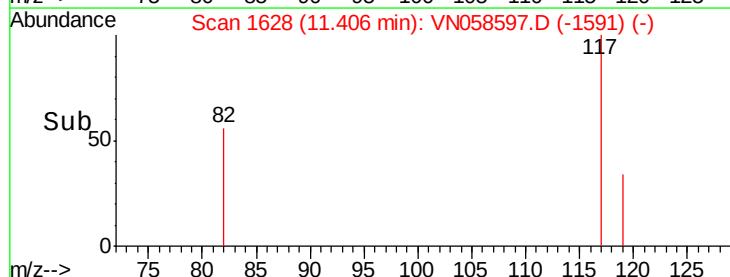
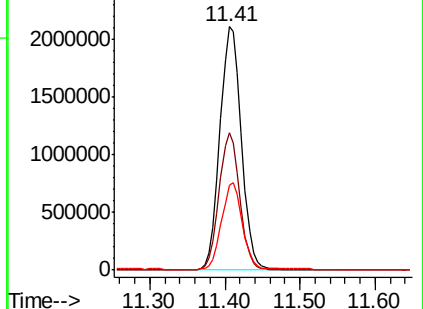
119 34.7 27.0 40.4

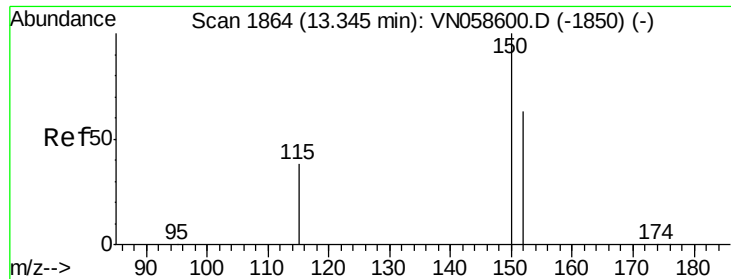


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

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: VN058597.D
 Acq: 8 Oct 2019 10:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 1705589
 Ion Ratio Lower Upper
 152 100
 115 60.5 29.9 89.8
 150 158.1 0.0 315.8

