

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072919\
 Data File : VN056961.D
 Acq On : 29 Jul 2019 19:01
 Operator : JC/SP
 Sample : VSSTDICC008
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC008

Quant Time: Jul 30 01:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:43:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	37088	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.56	114	51326	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	36390	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	5869	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	34984	8.10	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	162.00%#
5) Dibromofluoromethane	7.57	113	29238	9.40	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	188.00%#
6) Toluene-d8	10.08	98	61064	9.62	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	192.40%#
7) 4-Bromofluorobenzene	12.39	95	15345	9.60	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	192.00%#

Target Compounds

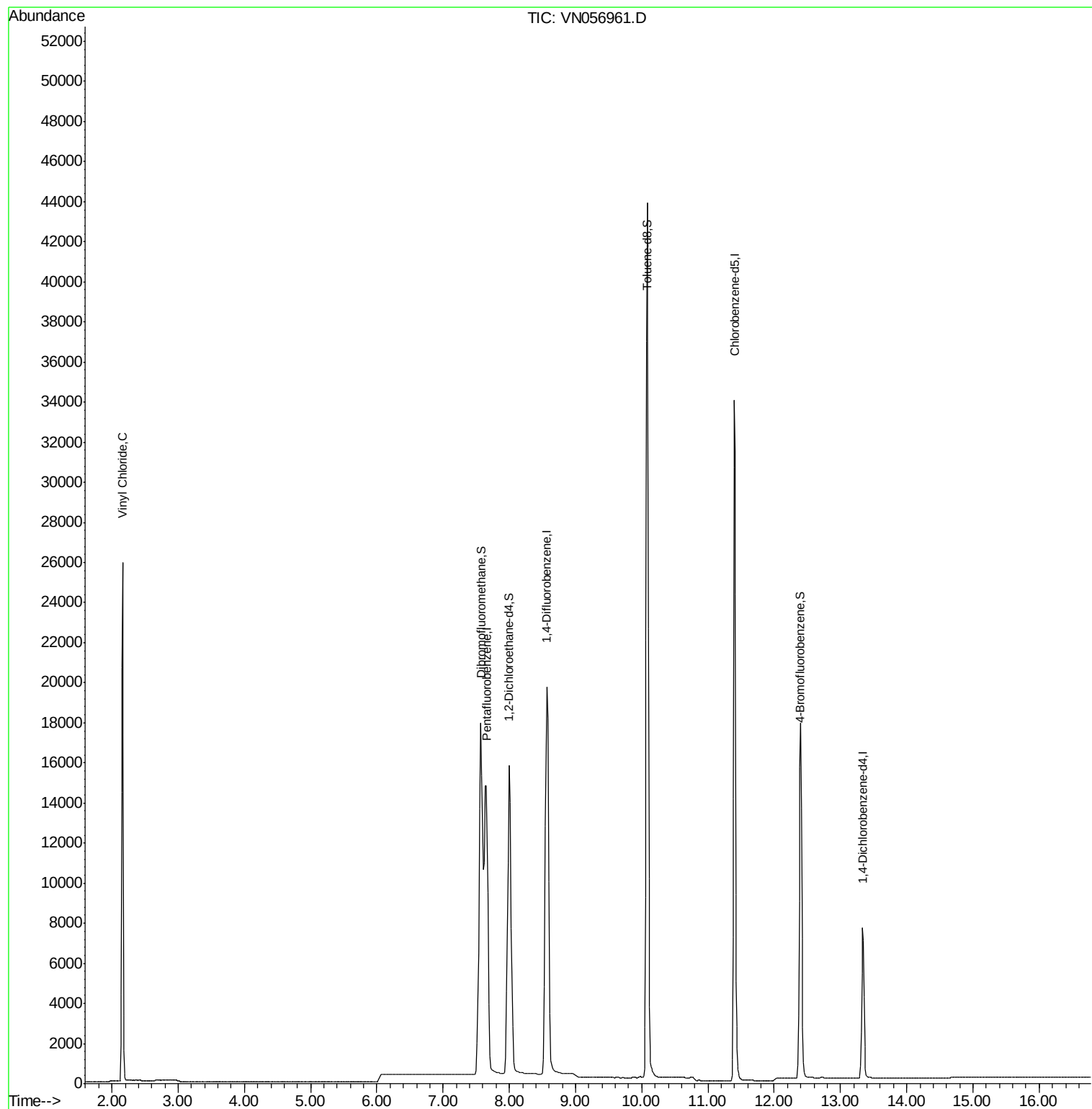
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	28936	8.872	ug/l	100

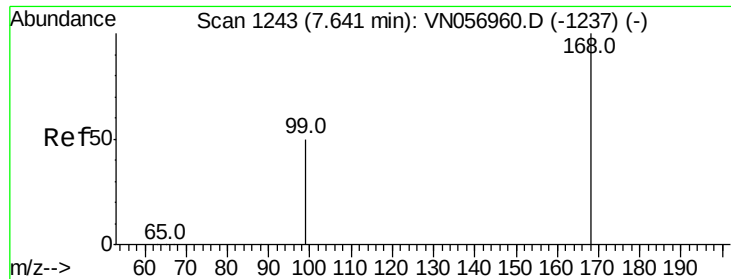
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

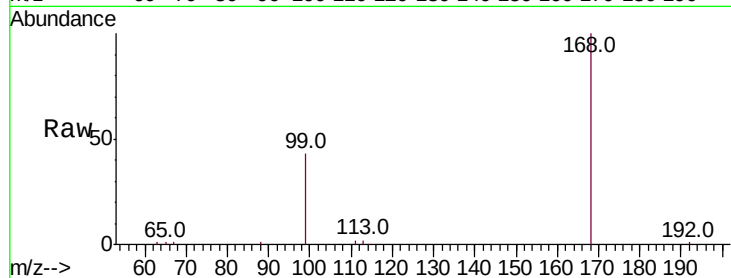
VSSTDICC008

Tot Ion:168 Resp: 37088

Ion Ratio Lower Upper

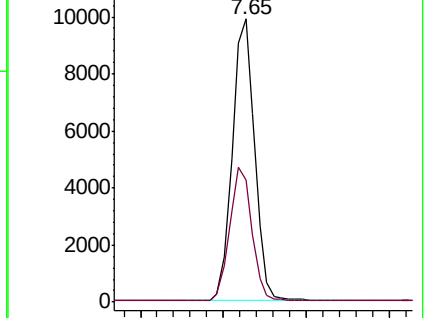
168 100

99 43.3 40.0 60.0

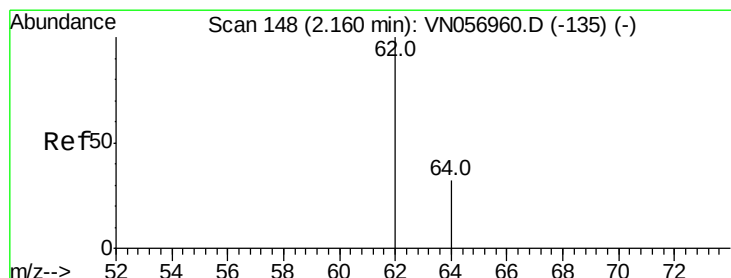
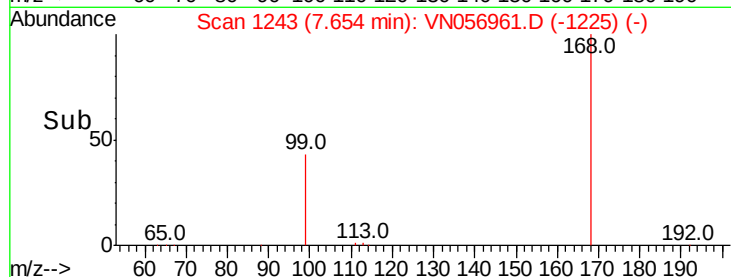


Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



Time-->



#2

Vinyl Chloride

Concen: 8.872 ug/l

RT: 2.16 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN056961.D

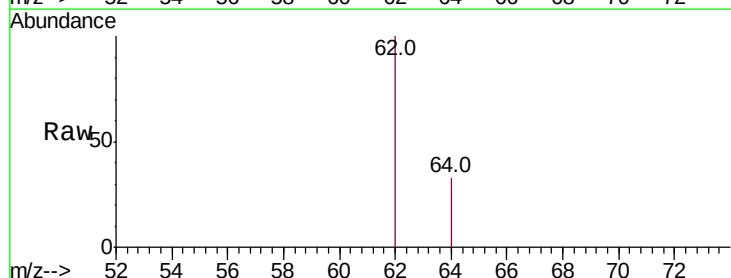
Acq: 29 Jul 2019 19:01

Tgt Ion: 62 Resp: 28936

Ion Ratio Lower Upper

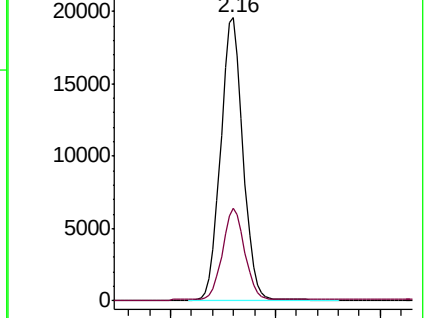
62 100

64 32.9 26.4 39.6

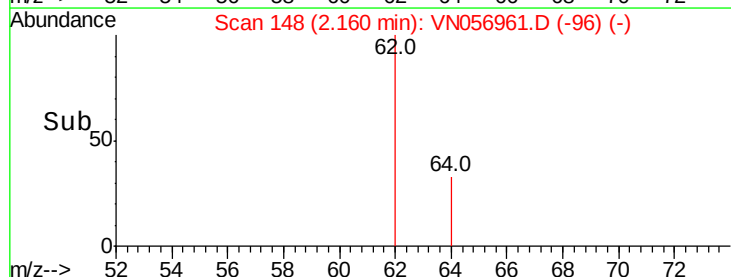


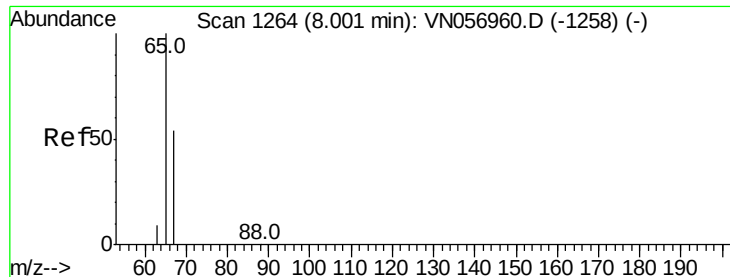
Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN



Time-->





#3

1,2-Dichloroethane-d4

Concen: 8.104 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

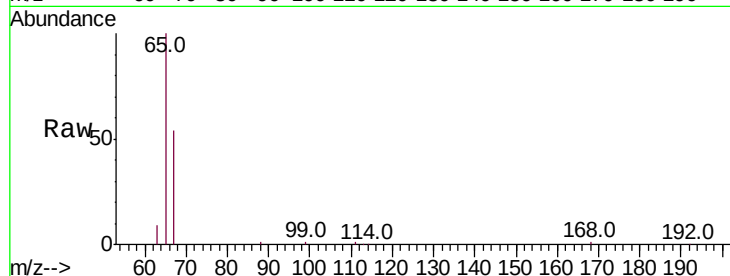
VSSTDICC008

Tot Ion: 65 Resp: 34984

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN056961.D (-1263) (-)

Ion 67.00 (66.70 to 67.70): VN056961.D (-1263) (-)

8.00

10000

8000

6000

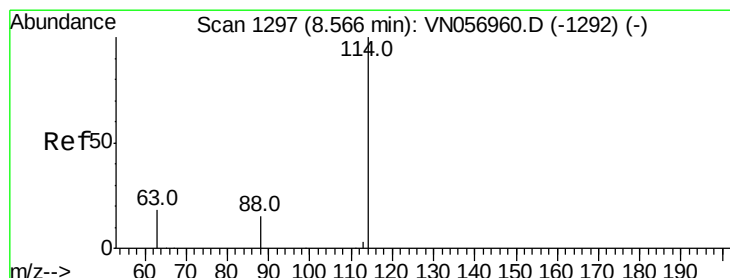
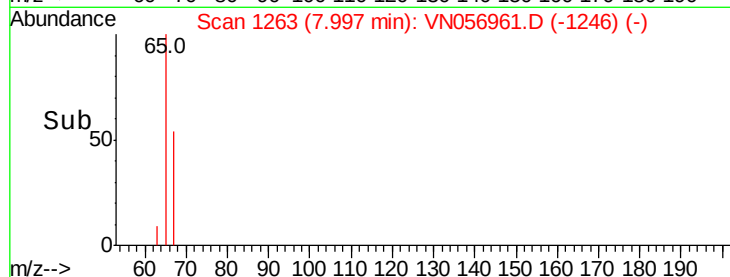
4000

2000

0

Time-->

7.80 8.00 8.20



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

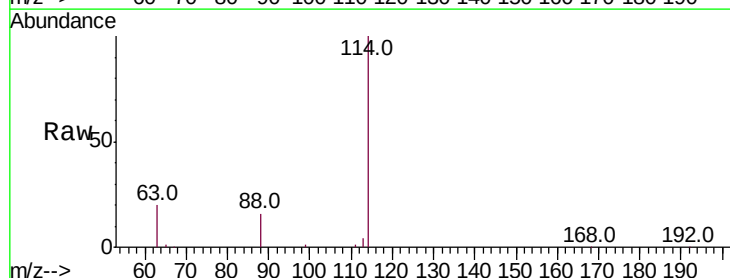
Tgt Ion: 114 Resp: 51326

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

88 16.5 0.0 31.0



Abundance Ion 114.00 (113.70 to 114.70): VN056961.D (-1296) (-)

Ion 63.00 (62.70 to 63.70): VN056961.D (-1296) (-)

Ion 88.00 (87.70 to 88.70): VN056961.D (-1296) (-)

8.56

15000

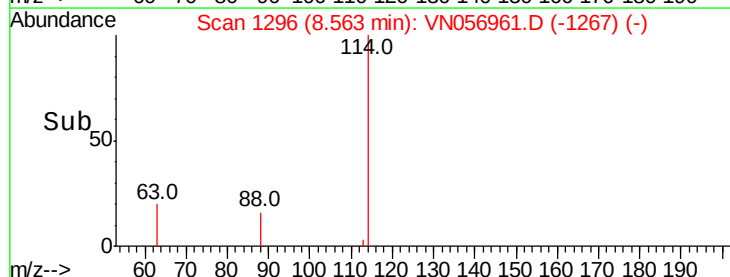
10000

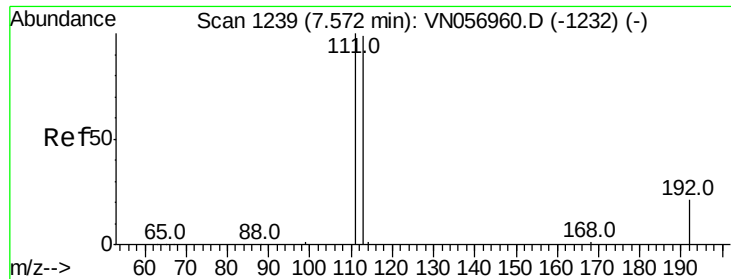
5000

0

Time-->

8.40 8.60 8.80 9.00





#5

Dibromofluoromethane

Concen: 9.395 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

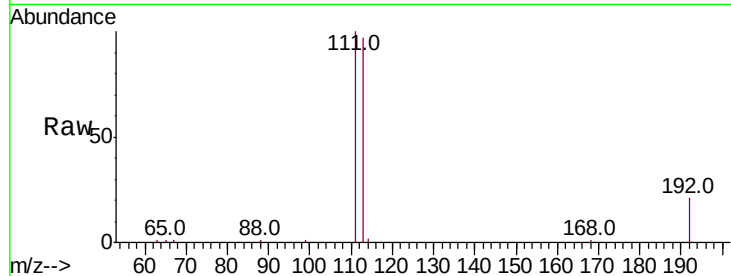
Tot Ion:113 Resp: 29238

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

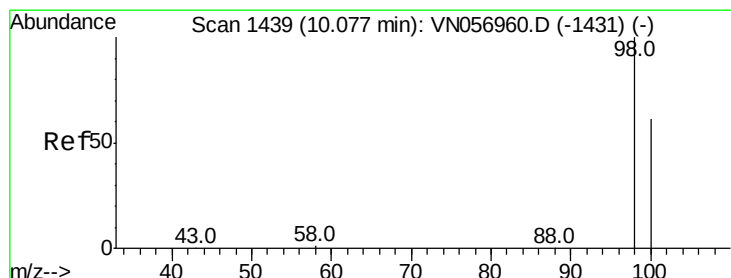
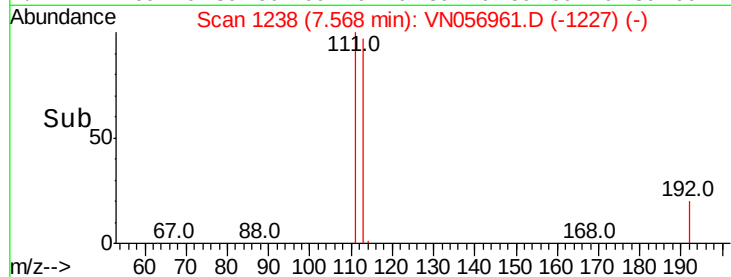
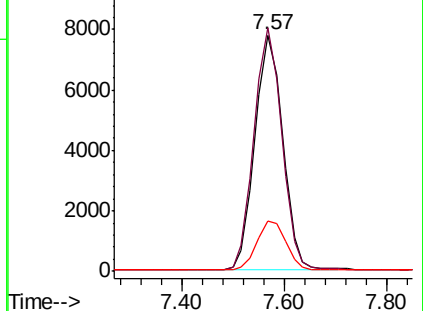
192 21.4 17.9 26.9



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: 9.620 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056961.D

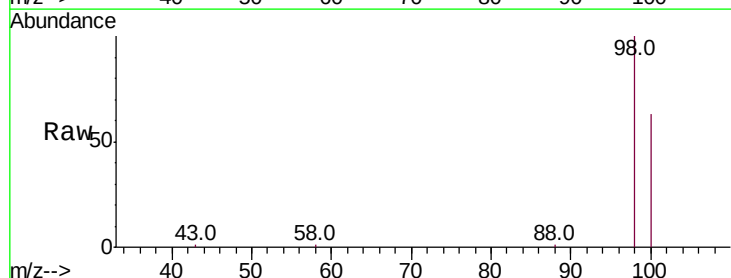
Acq: 29 Jul 2019 19:01

Tgt Ion: 98 Resp: 61064

Ion Ratio Lower Upper

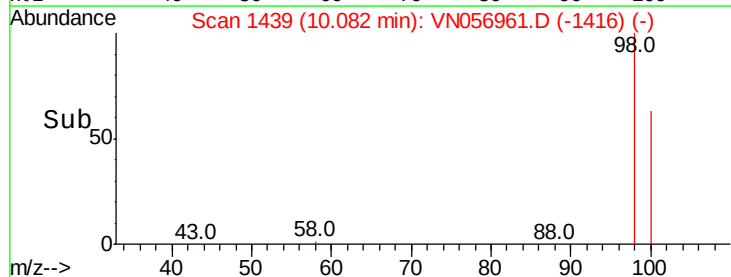
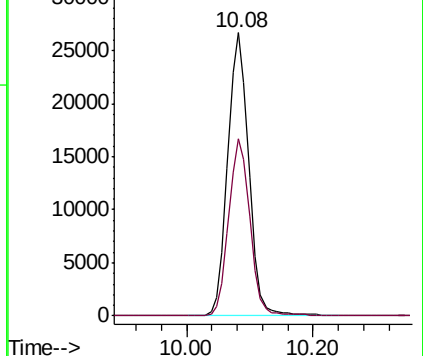
98 100

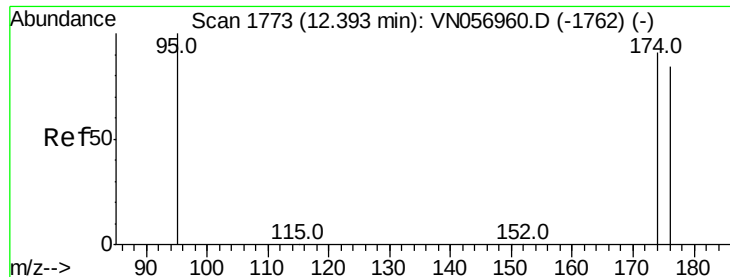
100 62.6 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 9.598 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

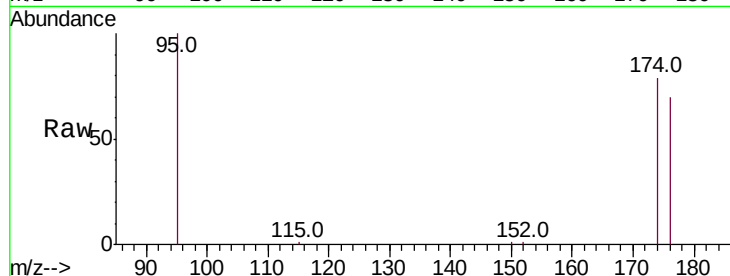
Tot Ion: 95 Resp: 15345

Ion Ratio Lower Upper

95 100

174 79.3 0.0 181.4

176 70.5 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056960.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056960.D (-1762) (-)

12.39

6000

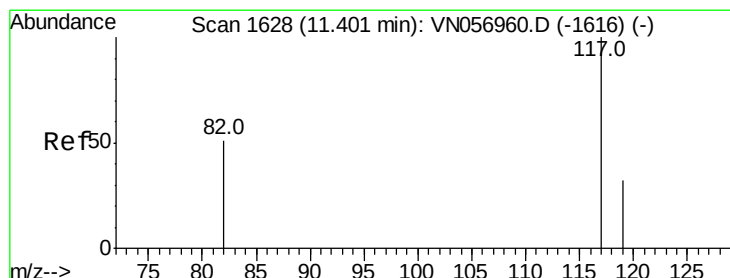
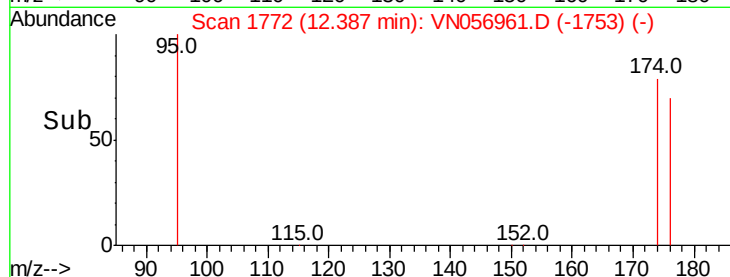
4000

2000

0

Time-->

12.30 12.40 12.50 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

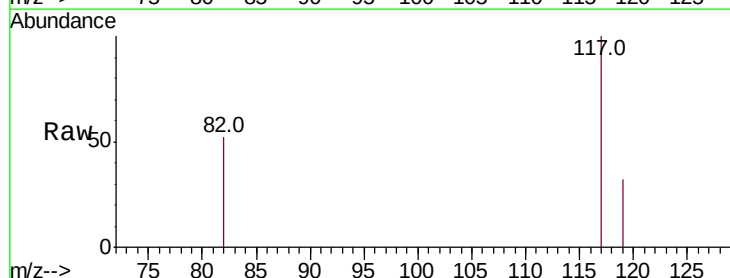
Tgt Ion: 117 Resp: 36390

Ion Ratio Lower Upper

117 100

82 51.7 40.7 61.1

119 31.8 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): VN056960.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN056960.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN056960.D (-1616) (-)

11.40

25000

20000

15000

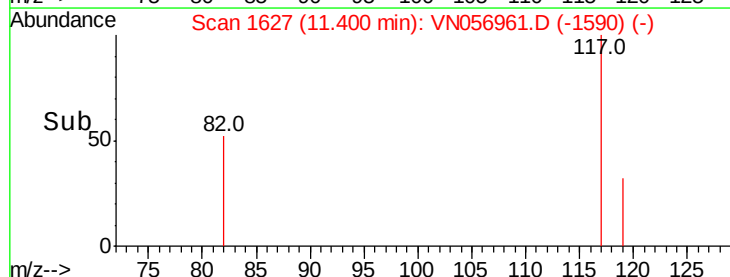
10000

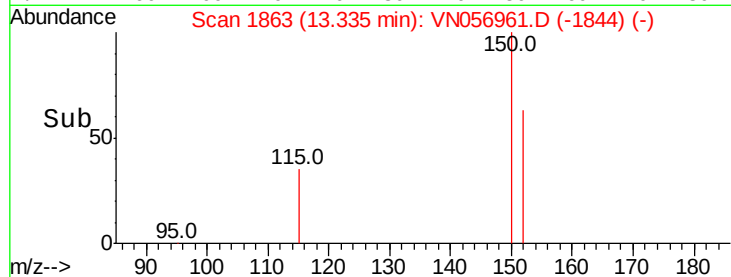
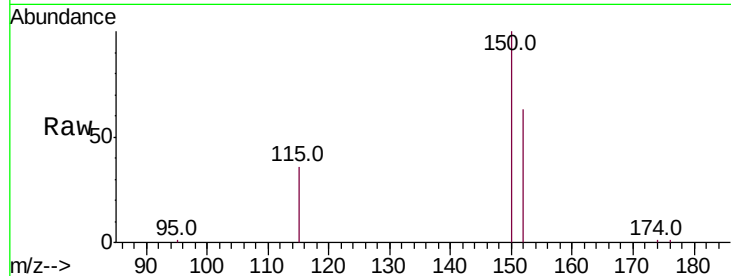
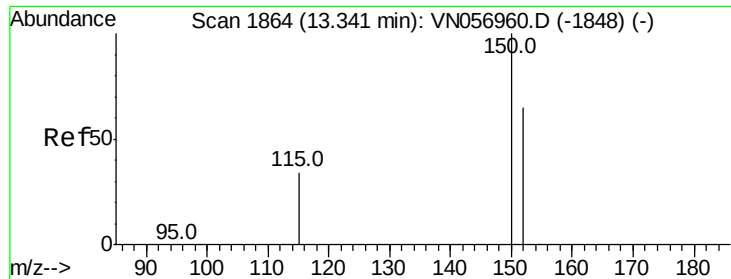
5000

0

Time-->

11.40 11.60





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056961.D

Acq: 29 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

Tot Ion:152 Resp: 5869

Ion Ratio Lower Upper

152 100

115 56.8 27.0 80.8

150 158.6 0.0 306.8

