

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056636.D
 Acq On : 10 Jul 2019 10:28
 Operator : JC/SP
 Sample : VSSTDICC002
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC002

Quant Time: Jul 11 04:54:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:48:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	50787	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	88254	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	57507	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	13993	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.02	65	12328	1.99	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	39.80%#
5) Dibromofluoromethane	7.59	113	9451	1.94	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	38.80%#
6) Toluene-d8	10.09	98	22865	2.05	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	41.00%#
7) 4-Bromofluorobenzene	12.39	95	7938	2.58	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	51.60%#

Target Compounds

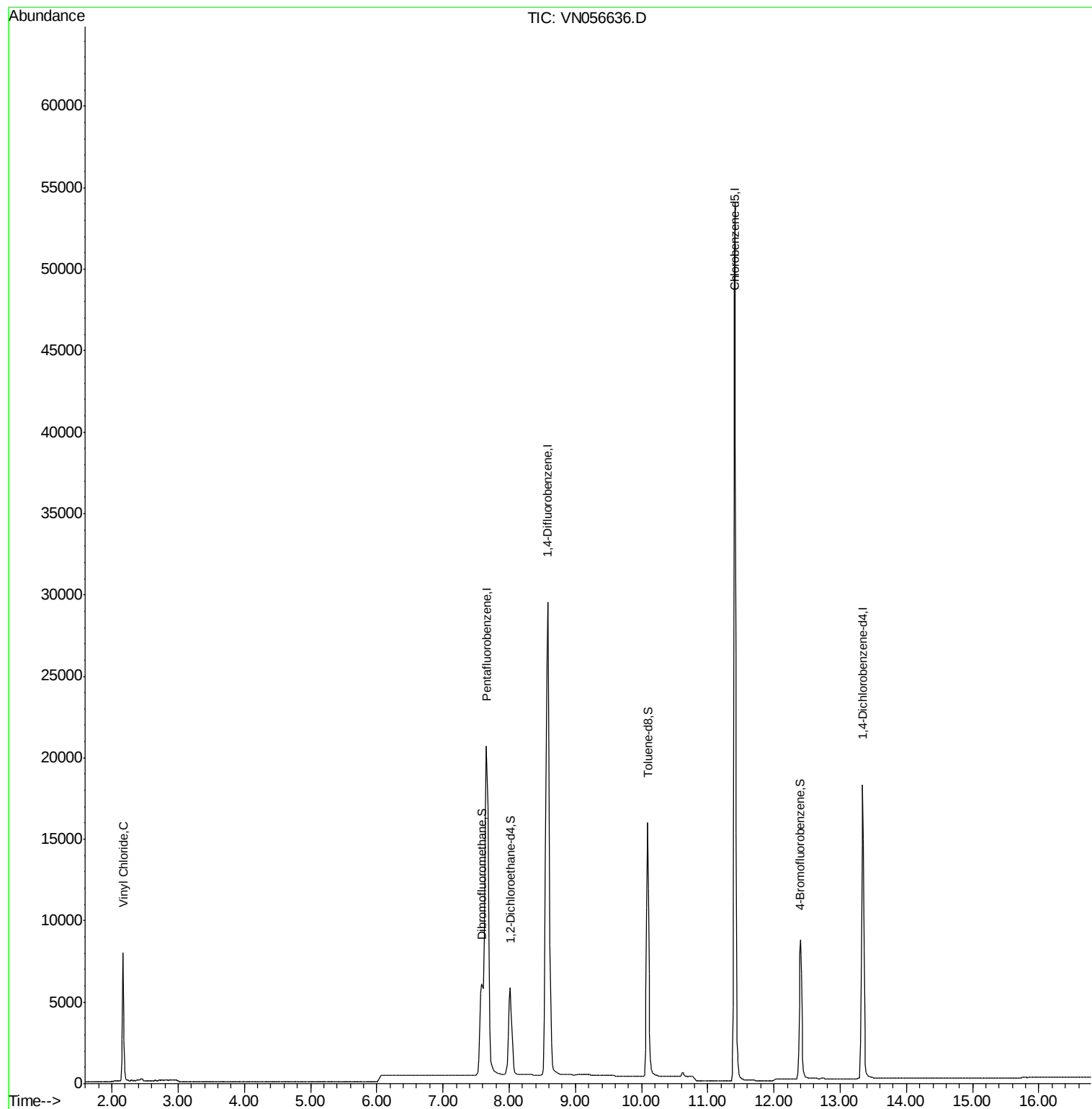
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	9439	1.875	ug/l	98

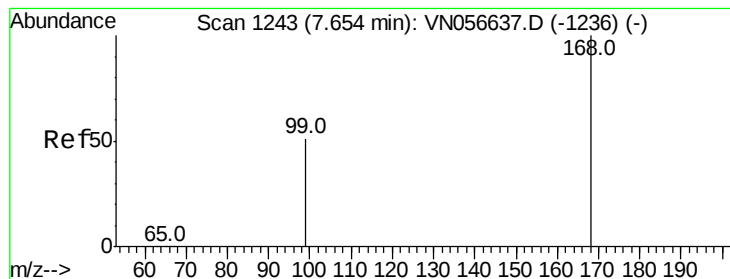
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VN056636.D

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Instrument :

MSVOA_N

ClientSampleId :

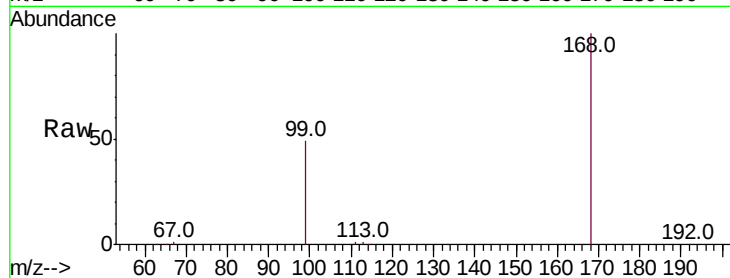
VSSTDICC002

Tot Ion:168 Resp: 50787

Ion Ratio Lower Upper

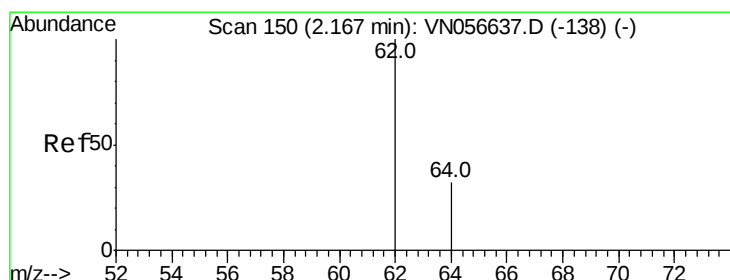
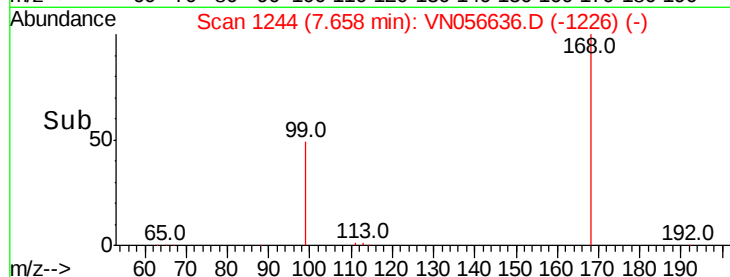
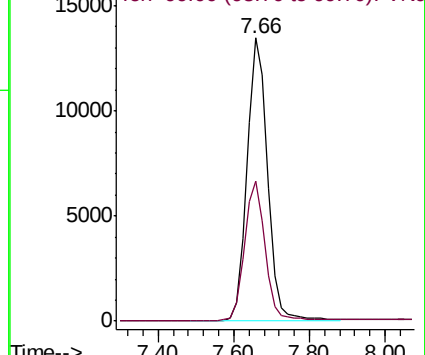
168 100

99 49.3 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 1.875 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056636.D

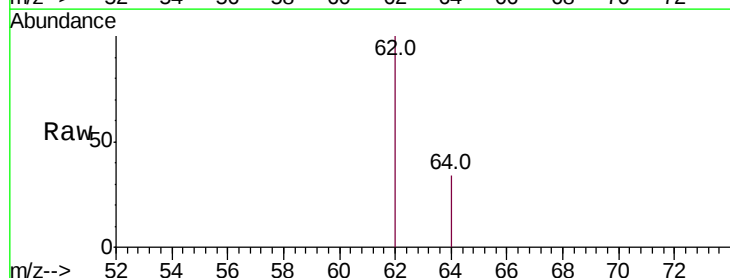
Acq: 10 Jul 2019 10:28

Tgt Ion: 62 Resp: 9439

Ion Ratio Lower Upper

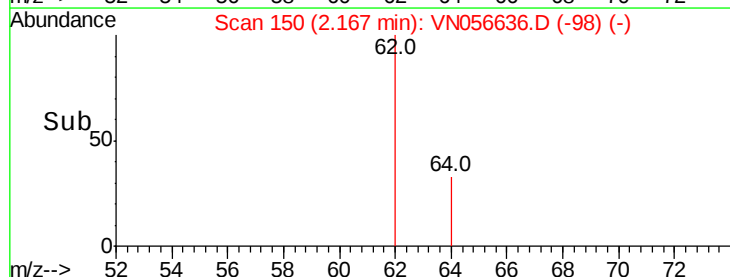
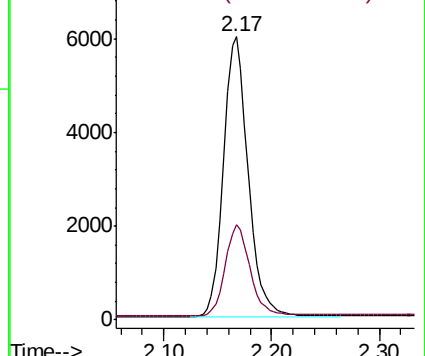
62 100

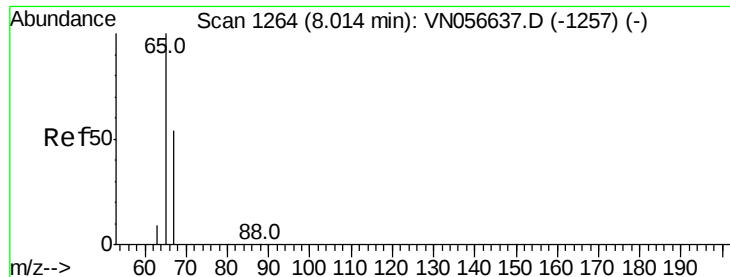
64 33.5 26.0 39.0



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: 1.989 ug/l

RT: 8.02 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN056636.D

Acq: 10 Jul 2019 10:28

Instrument :

MSVOA_N

ClientSampleId :

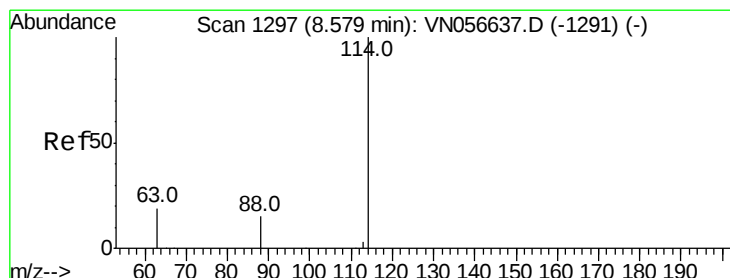
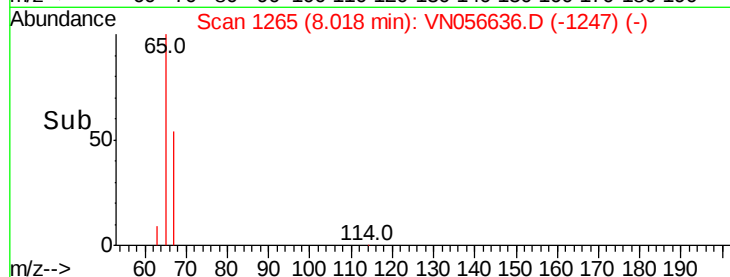
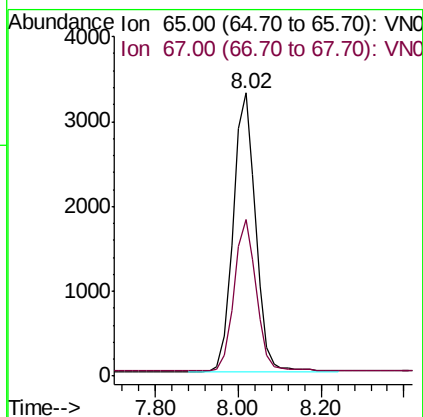
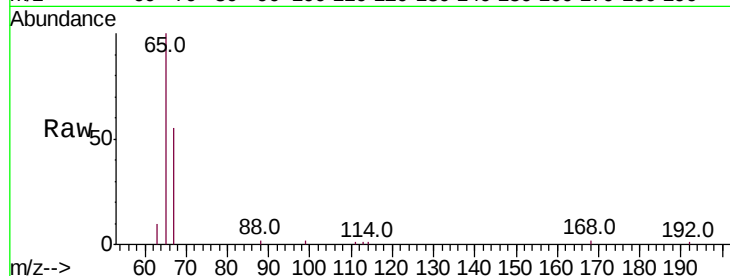
VSSTDICC002

Tot Ion: 65 Resp: 12328

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.4



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1298

Delta R.T. 0.00 min

Lab File: VN056636.D

Acq: 10 Jul 2019 10:28

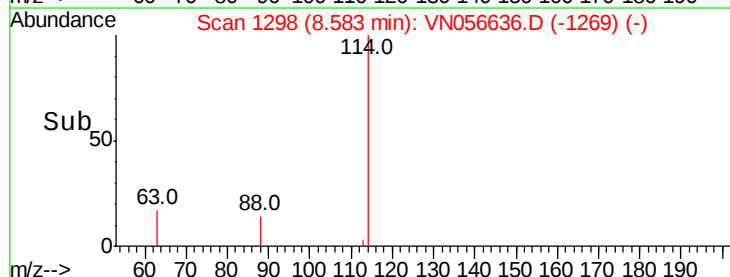
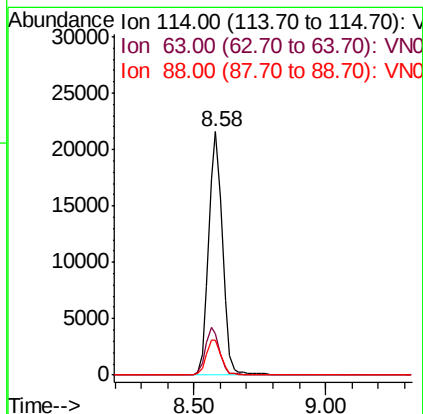
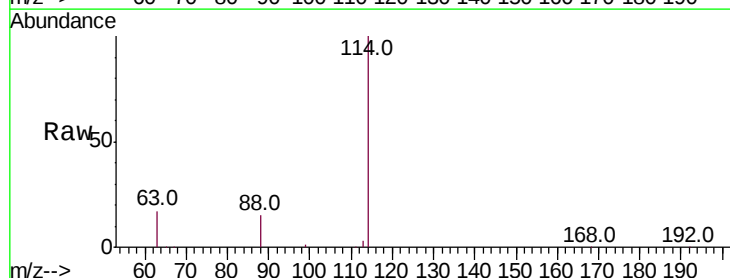
Tgt Ion: 114 Resp: 88254

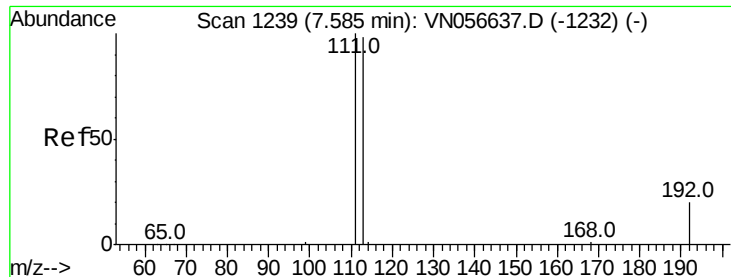
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.6

88 14.6 0.0 30.8





#5

Dibromofluoromethane

Concen: 1.941 ug/l

RT: 7.59 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VN056636.D

Acq: 10 Jul 2019 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC002

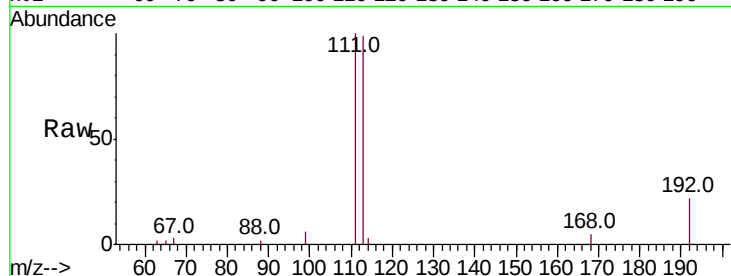
Tot Ion:113 Resp: 9451

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

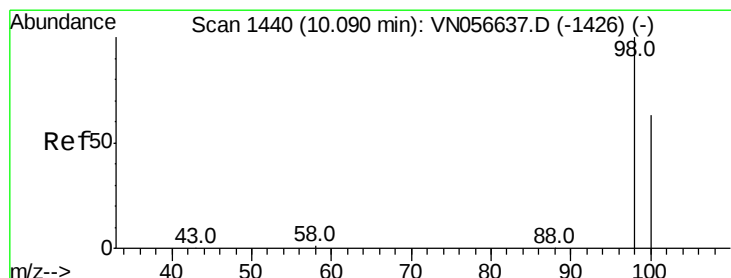
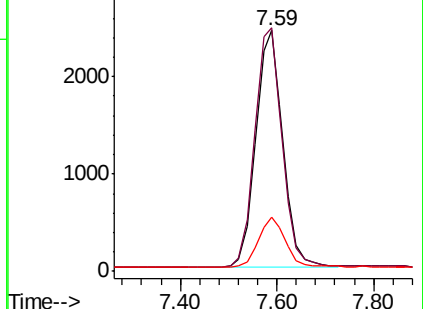
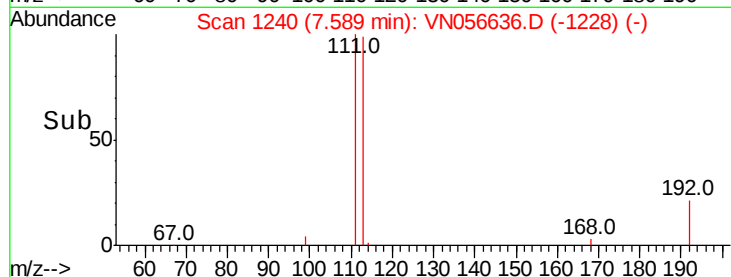
192 22.4 16.9 25.3



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: 2.050 ug/l

RT: 10.09 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VN056636.D

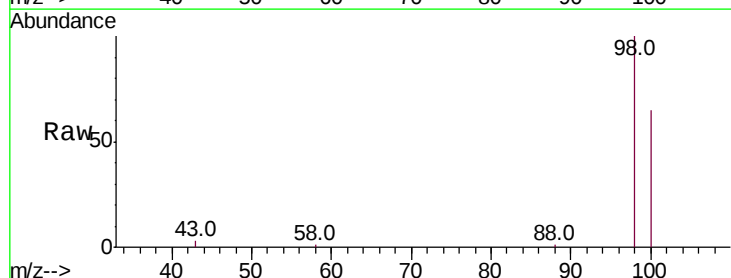
Acq: 10 Jul 2019 10:28

Tgt Ion: 98 Resp: 22865

Ion Ratio Lower Upper

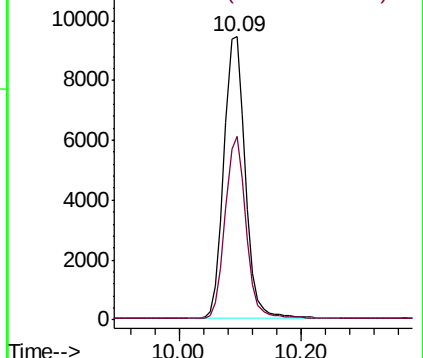
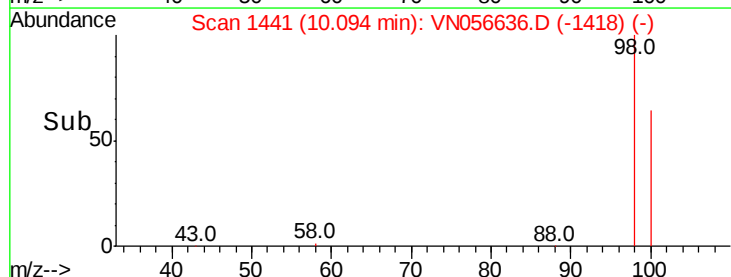
98 100

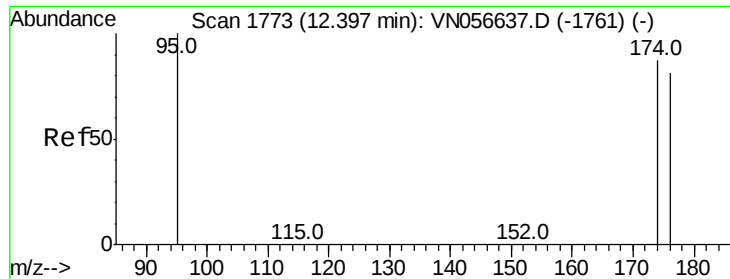
100 64.7 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 2.582 ug/l

RT: 12.39 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056636.D

Acq: 10 Jul 2019 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC002

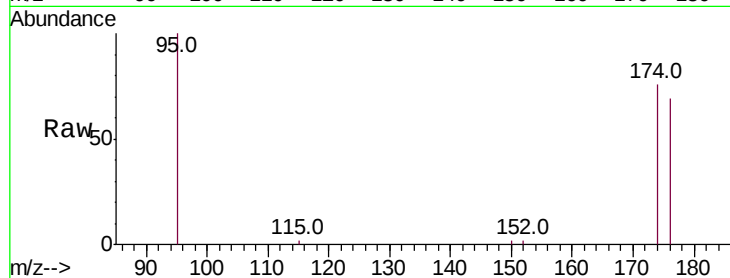
Tot Ion: 95 Resp: 7938

Ion Ratio Lower Upper

95 100

174 75.9 0.0 174.2

176 68.5 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056637.D (-1761) (-)

12.39

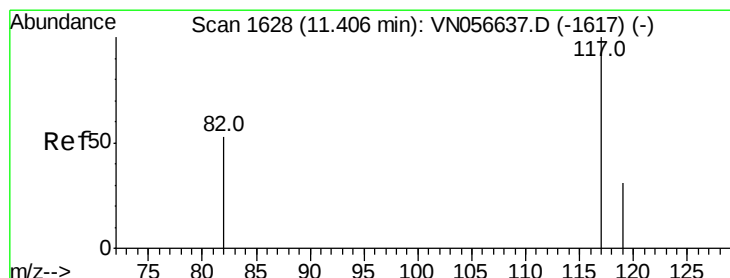
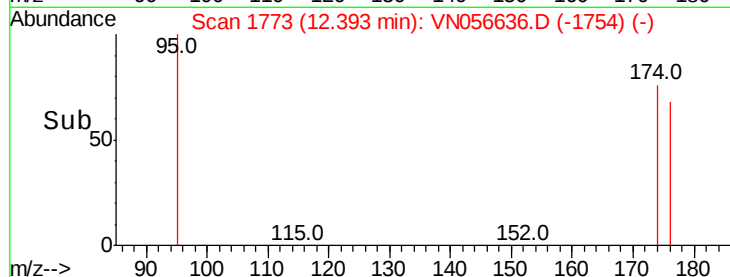
3000

2000

1000

0

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN056636.D

Acq: 10 Jul 2019 10:28

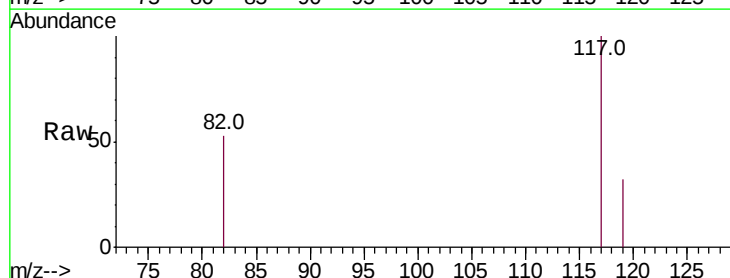
Tgt Ion: 117 Resp: 57507

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

119 31.7 25.0 37.6



Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056637.D (-1617) (-)

11.41

40000

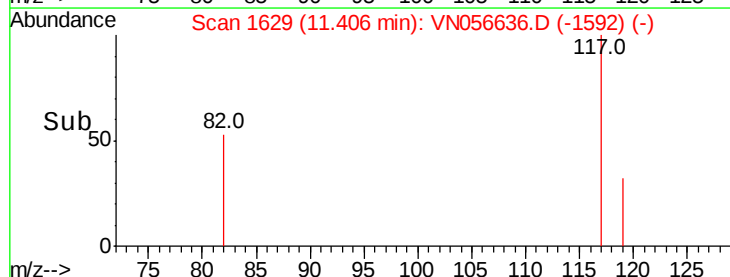
30000

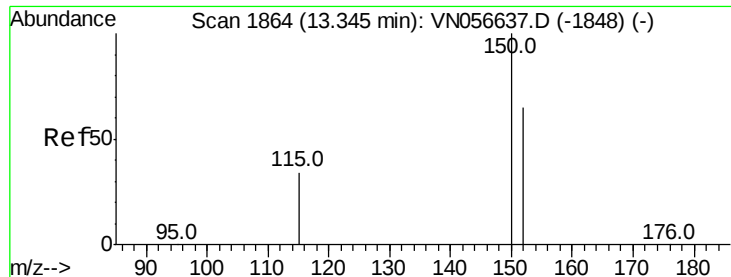
20000

10000

0

Time-->





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.34 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN056636.D
 Acq: 10 Jul 2019 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC002

Tot Ion:152 Resp: 13993
 Ion Ratio Lower Upper
 152 100
 115 55.9 26.5 79.4
 150 157.8 0.0 306.0

