

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056905.D
 Acq On : 24 Jul 2019 11:48
 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 25 01:13:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072519SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 25 01:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	51052	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	84472	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	49044	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7427	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	11126	1.83	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	36.60%#
5) Dibromofluoromethane	7.59	113	9251	2.03	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	40.60%#
6) Toluene-d8	10.09	98	18692	1.75	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	35.00%#
7) 4-Bromofluorobenzene	12.40	95	4677	1.28	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	25.60%#

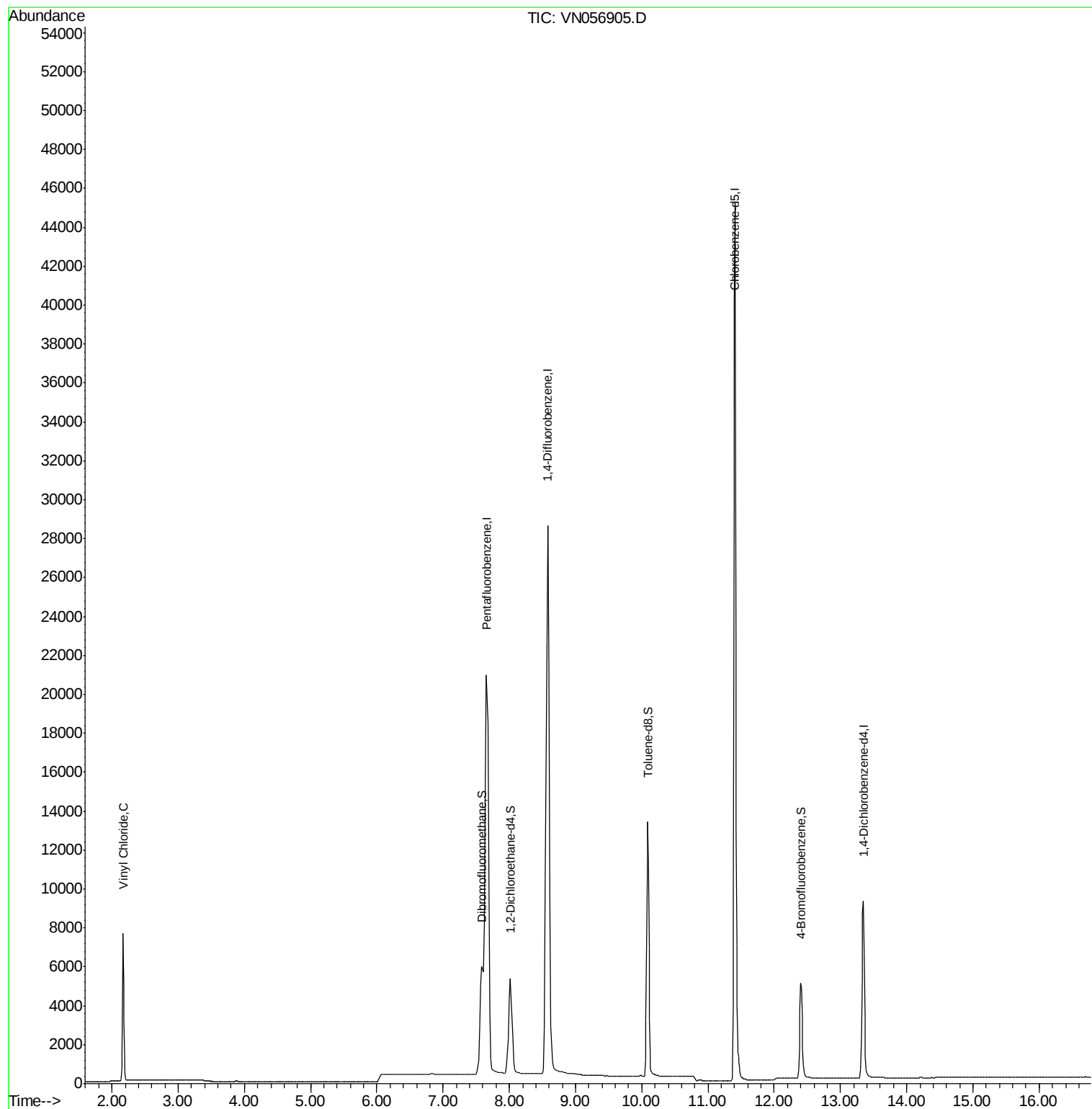
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	8694	1.810 ug/l	99

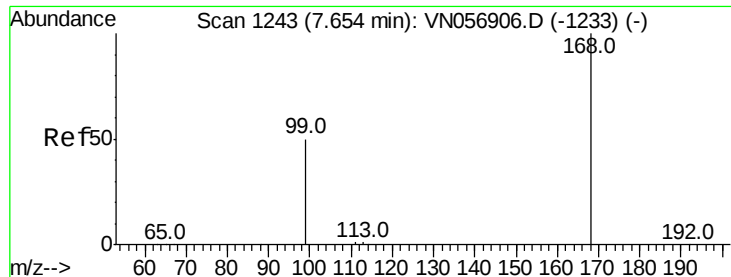
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
Data File : VN056905.D
Acq On : 24 Jul 2019 11:48
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 25 01:13:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072519SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Thu Jul 25 01:08:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

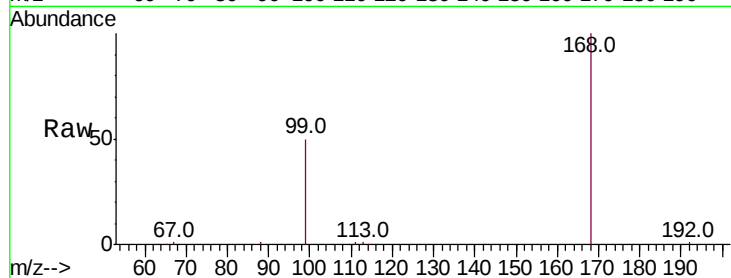
VSSTDICC002

Tot Ion:168 Resp: 51052

Ion Ratio Lower Upper

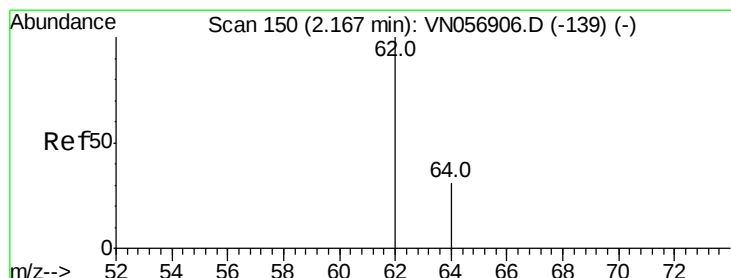
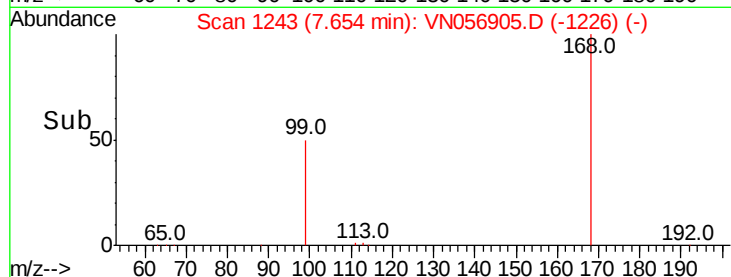
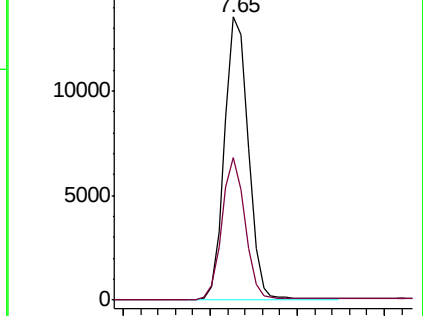
168 100

99 50.3 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 1.810 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056905.D

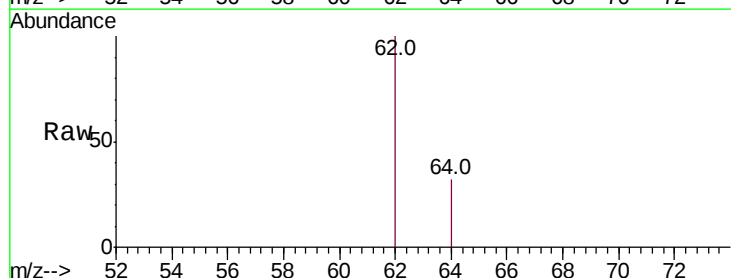
Acq: 24 Jul 2019 11:48

Tgt Ion: 62 Resp: 8694

Ion Ratio Lower Upper

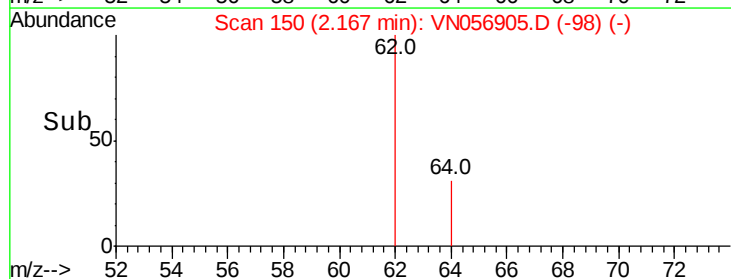
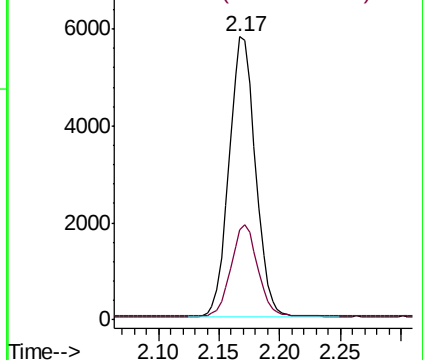
62 100

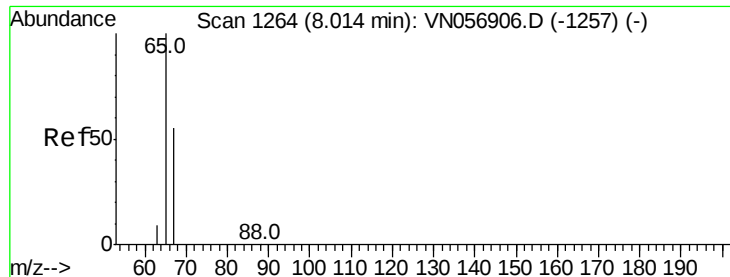
64 31.9 25.1 37.7



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: 1.829 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

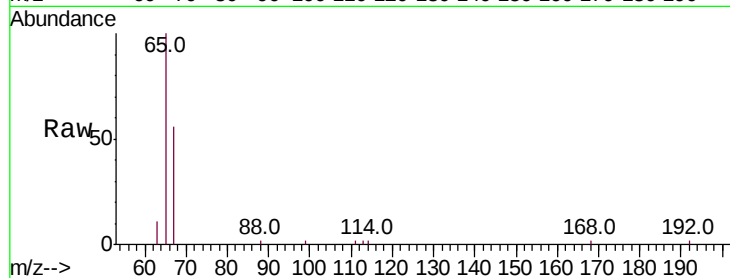
VSSTDICC002

Tot Ion: 65 Resp: 11126

Ion Ratio Lower Upper

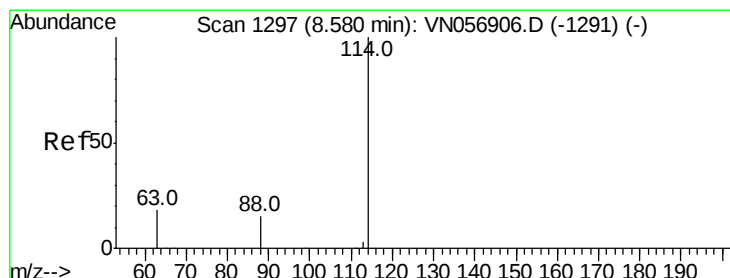
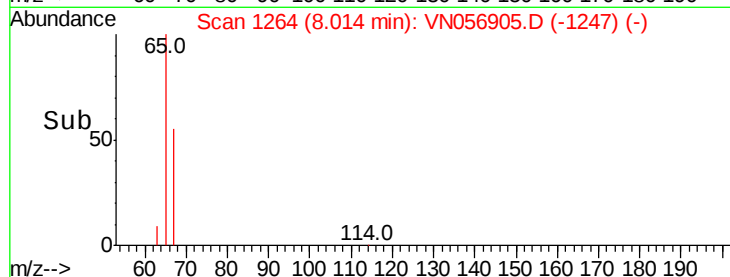
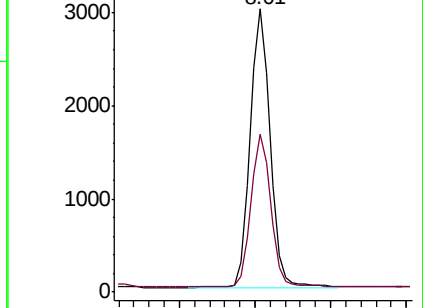
65 100

67 55.6 0.0 110.2



Abundance Ion 65.00 (64.70 to 65.70): VN056906.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056906.D (-1257) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

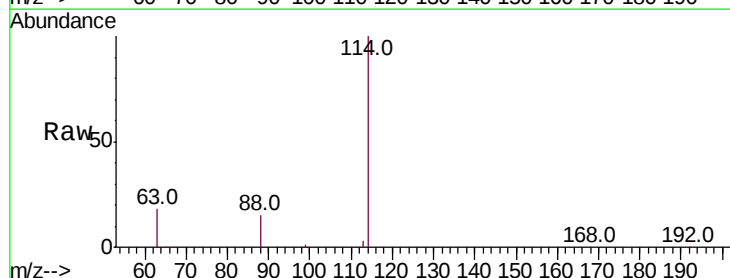
Tgt Ion: 114 Resp: 84472

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

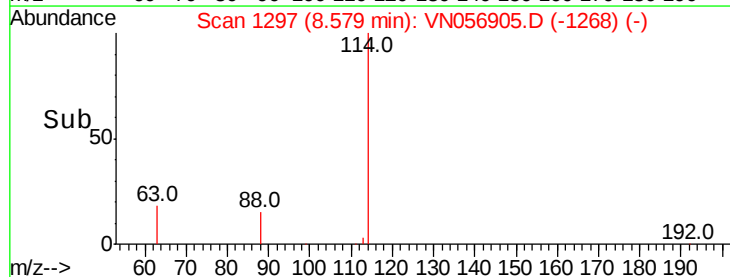
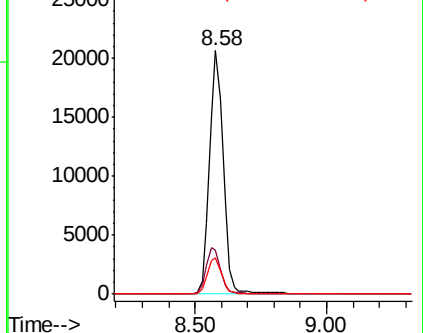
88 15.1 0.0 30.2

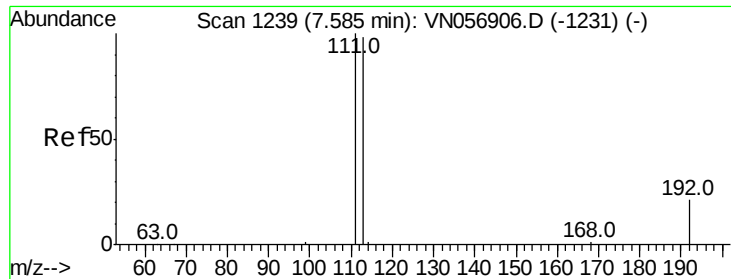


Abundance Ion 114.00 (113.70 to 114.70): VN056906.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056906.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056906.D (-1291) (-)





#5

Dibromofluoromethane

Concen: 2.031 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC002

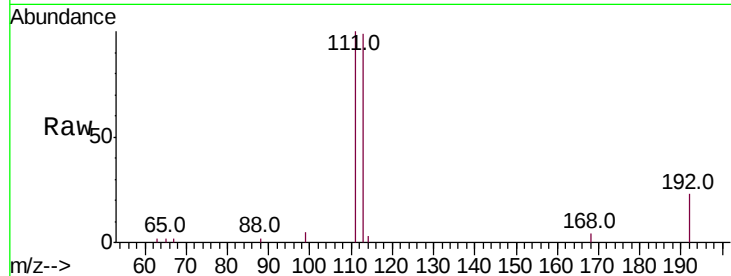
Tot Ion:113 Resp: 9251

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

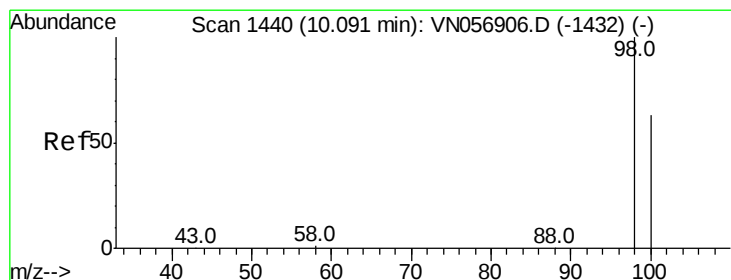
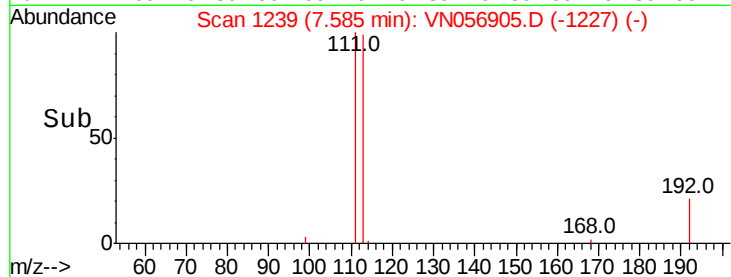
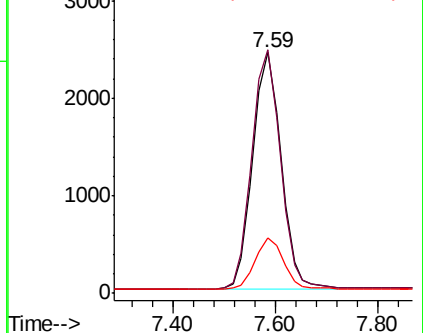
192 22.9 17.4 26.0



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: 1.751 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056905.D

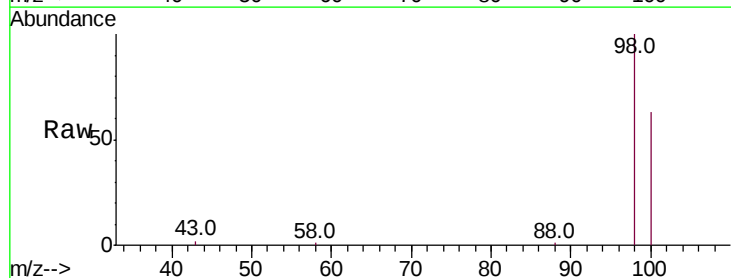
Acq: 24 Jul 2019 11:48

Tgt Ion: 98 Resp: 18692

Ion Ratio Lower Upper

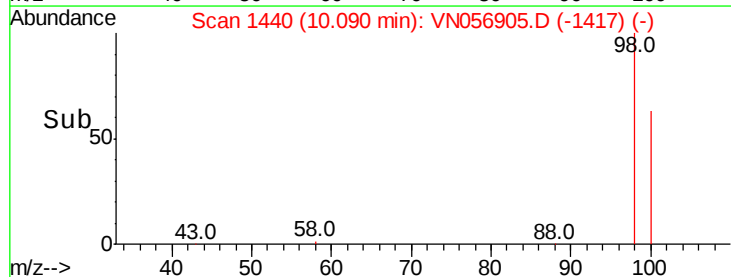
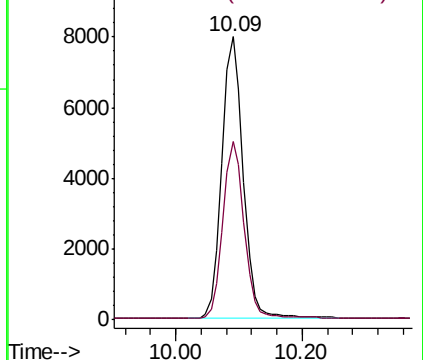
98 100

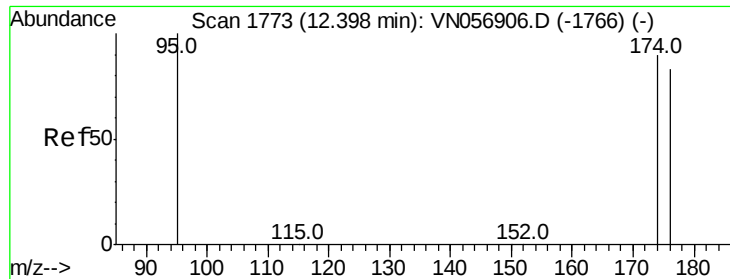
100 63.1 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 1.280 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC002

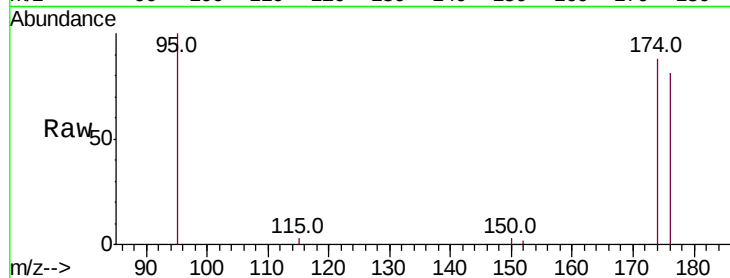
Tot Ion: 95 Resp: 4677

Ion Ratio Lower Upper

95 100

174 87.6 0.0 179.8

176 81.0 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056906.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056906.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056906.D (-1766) (-)

12.40

2500

2000

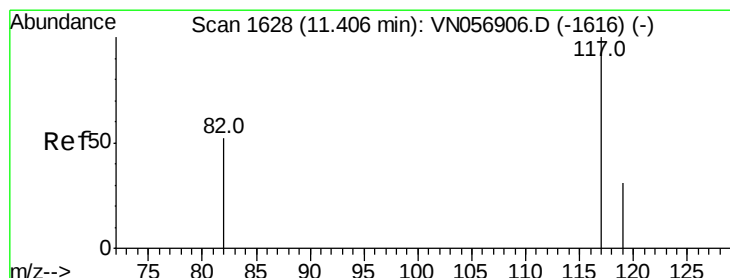
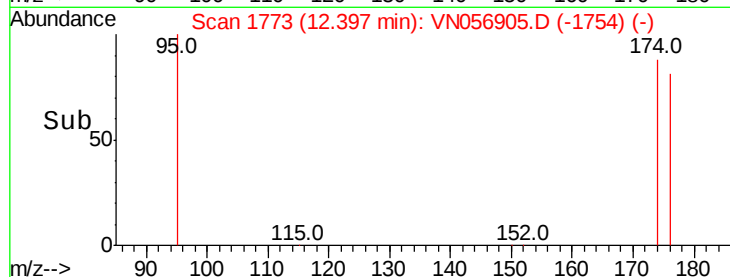
1500

1000

500

0

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

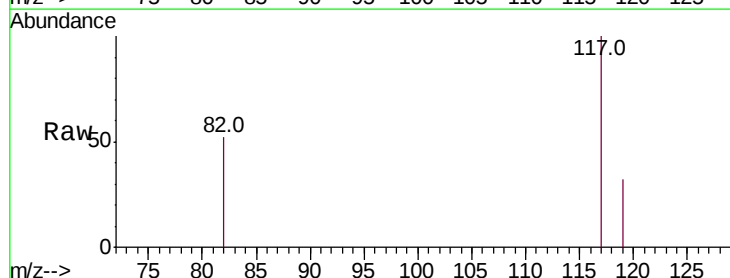
Tgt Ion: 117 Resp: 49044

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

119 31.7 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): VN056906.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN056906.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN056906.D (-1616) (-)

11.41

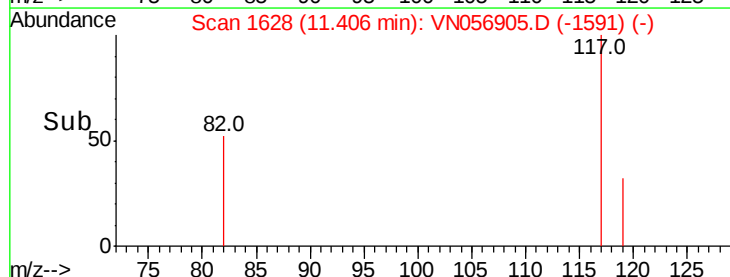
30000

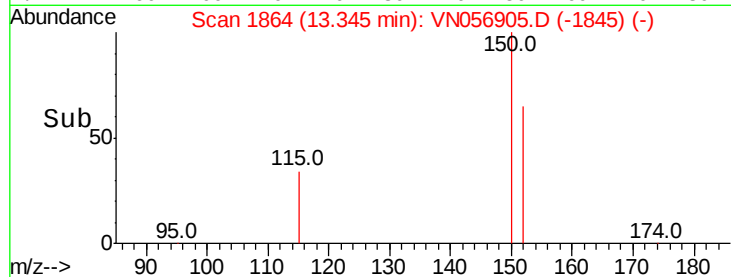
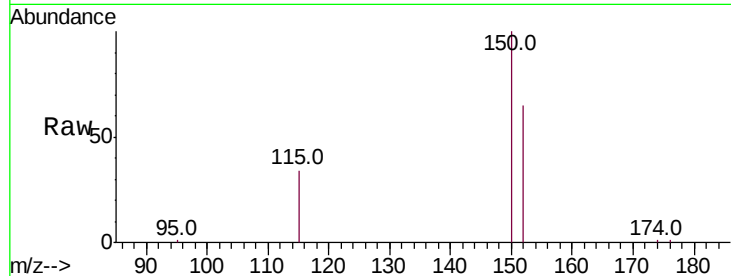
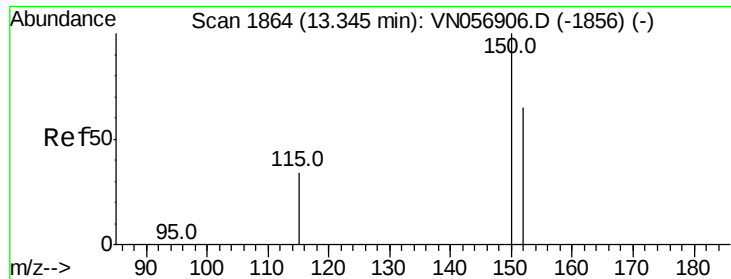
20000

10000

0

Time-->





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN056905.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC002

Tot Ion:152 Resp: 7427

Ion Ratio Lower Upper

152 100

115 53.0 26.5 79.4

150 153.8 0.0 306.2

