

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056902.D
 Acq On : 24 Jul 2019 10:35
 Operator : JC/SP
 Sample : VSSTDICC0.1
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC0.1

Quant Time: Jul 25 01:13:16 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	19415	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	32264	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	16839	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	2313	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	276	0.12	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	2.40%#
5) Dibromofluoromethane	7.59	113	188	0.11	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	2.20%#
6) Toluene-d8	10.09	98	463	0.11	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	2.20%#
7) 4-Bromofluorobenzene	12.40	95	307	0.22	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	4.40%#

Target Compounds

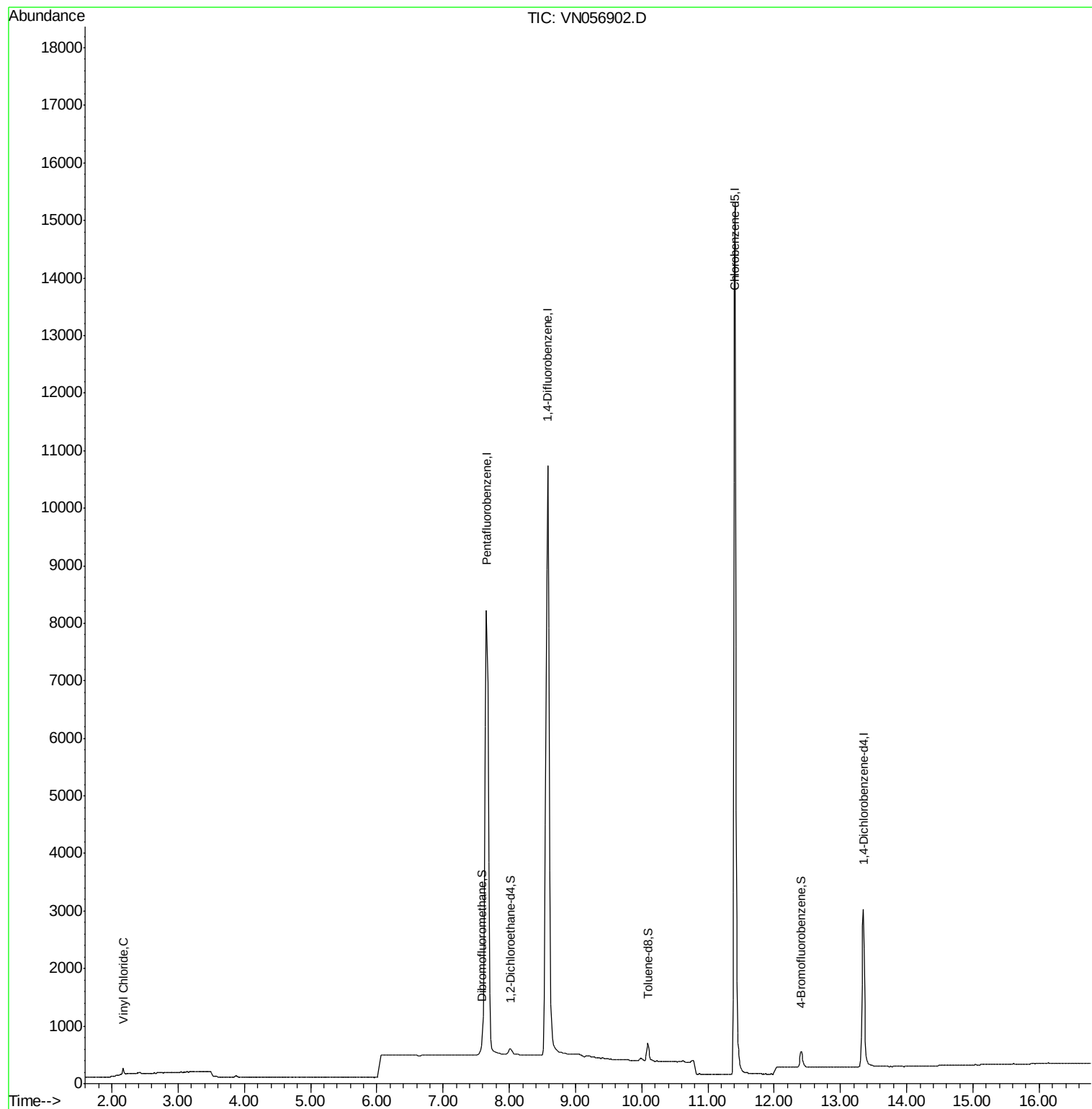
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	130	0.071	ug/l #	17

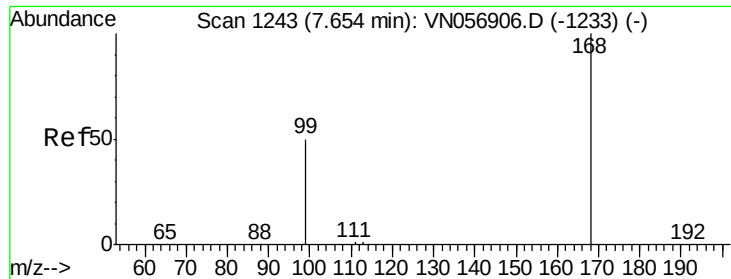
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

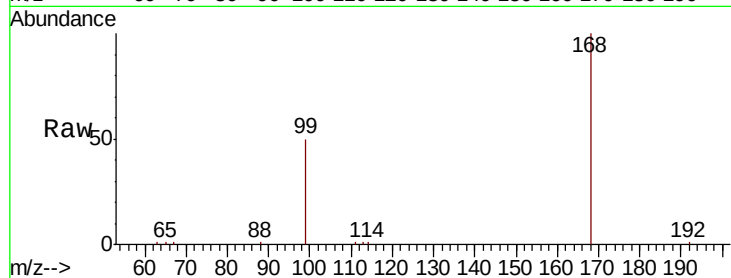
VSSTDIC0.1

Tot Ion:168 Resp: 19415

Ion Ratio Lower Upper

168 100

99 49.7 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): VN056902.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN056902.D (-1226) (-)

7.65

6000

5000

4000

3000

2000

1000

0

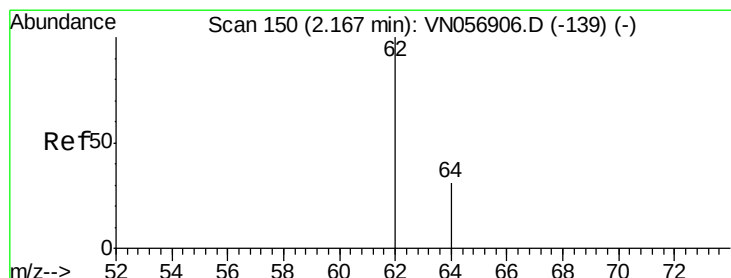
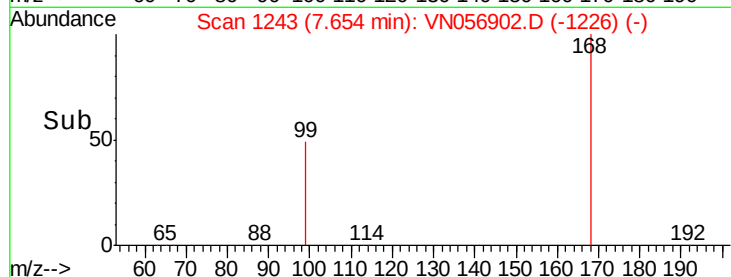
Time-->

7.40

7.60

7.80

8.00



#2

Vinyl Chloride

Concen: 0.071 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056902.D

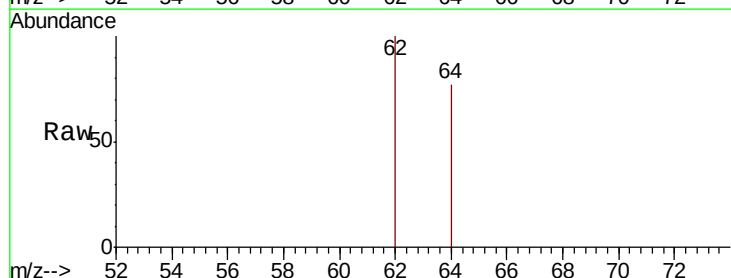
Acq: 24 Jul 2019 10:35

Tgt Ion: 62 Resp: 130

Ion Ratio Lower Upper

62 100

64 77.5 25.1 37.7#



Abundance Ion 62.00 (61.70 to 62.70): VN056902.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056902.D (-98) (-)

2.17

150

100

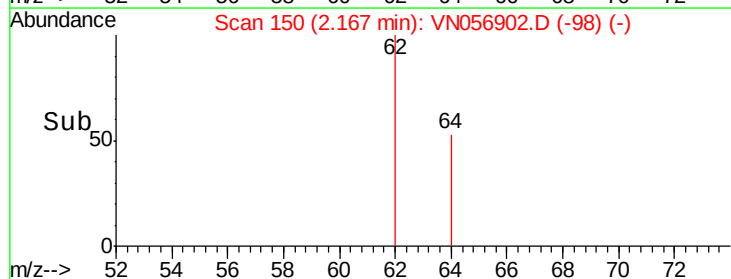
50

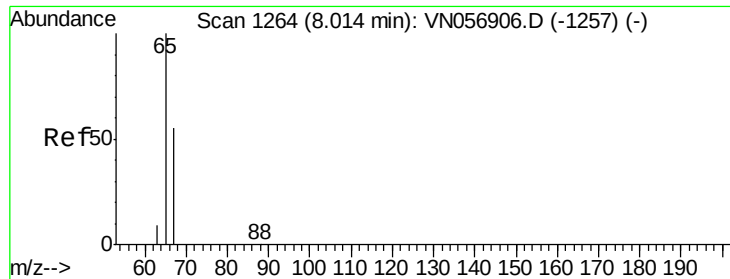
0

Time-->

2.15

2.20





#3

1,2-Dichloroethane-d4

Concen: 0.119 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

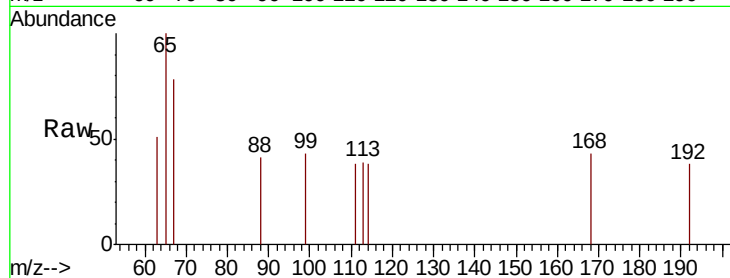
VSSTDIC0.1

Tot Ion: 65 Resp: 276

Ion Ratio Lower Upper

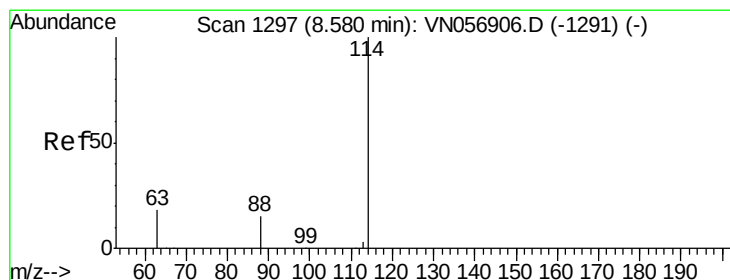
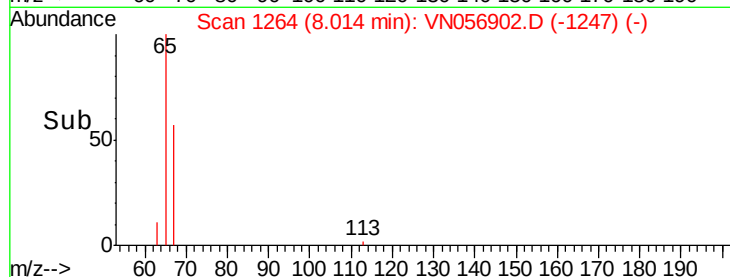
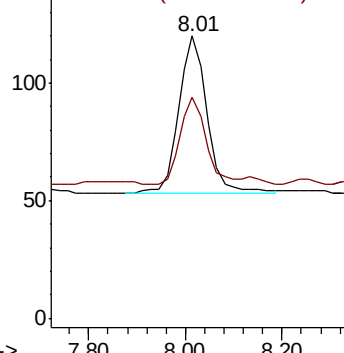
65 100

67 78.3 0.0 110.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

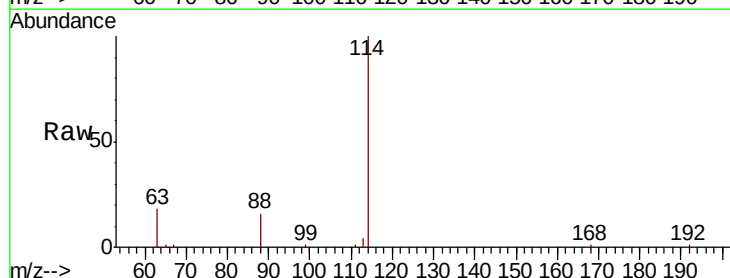
Tgt Ion: 114 Resp: 32264

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

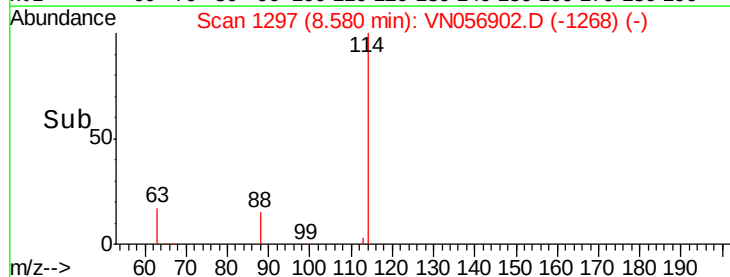
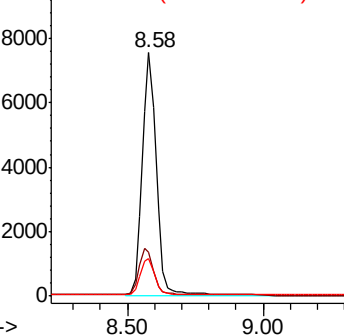
88 15.5 0.0 30.2

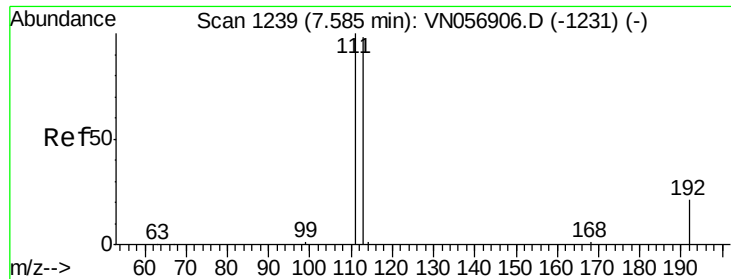


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 0.108 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

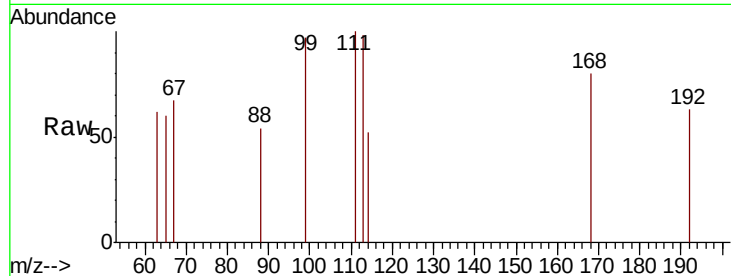
Tot Ion: 113 Resp: 188

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

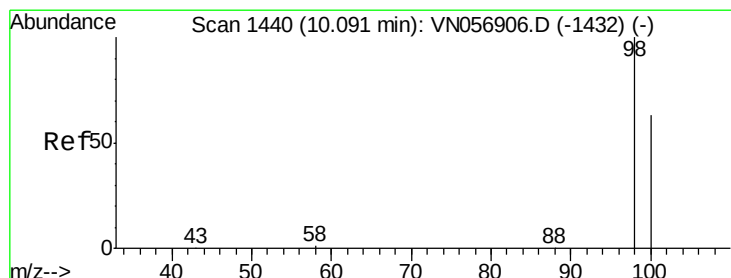
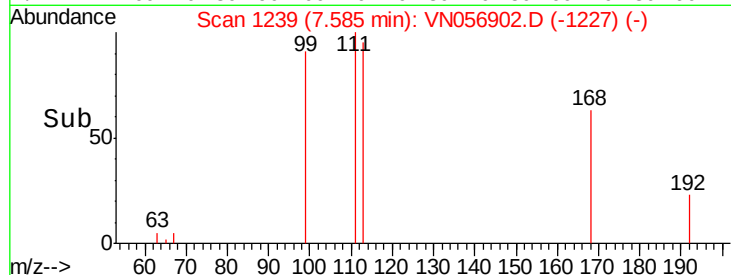
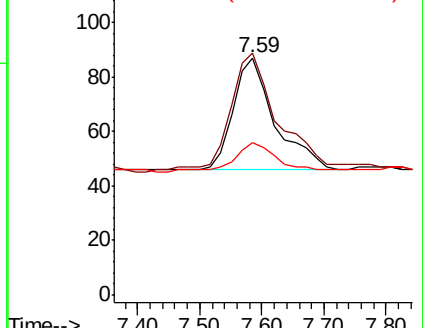
192 64.4 17.4 26.0#



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: 0.114 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056902.D

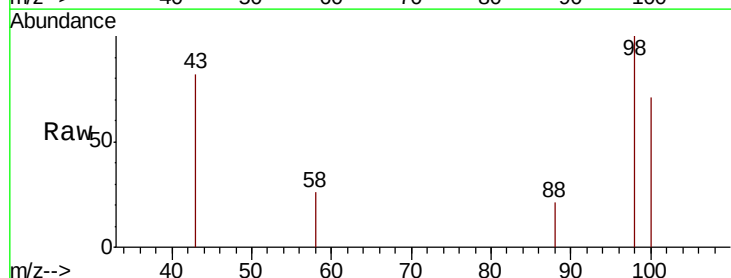
Acq: 24 Jul 2019 10:35

Tgt Ion: 98 Resp: 463

Ion Ratio Lower Upper

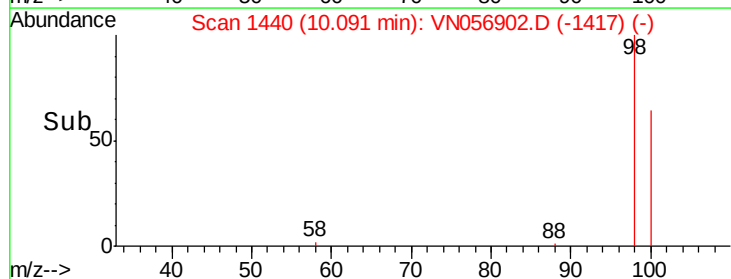
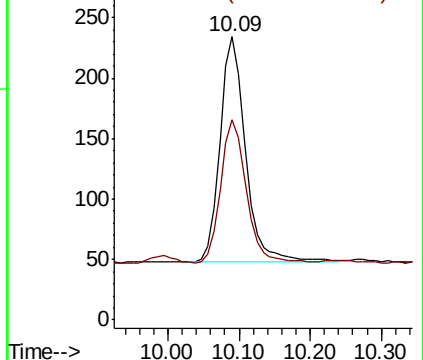
98 100

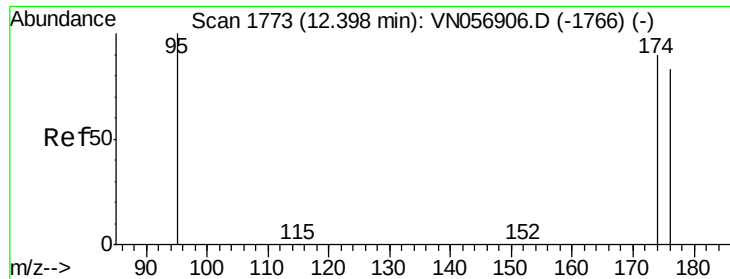
100 70.9 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 0.220 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

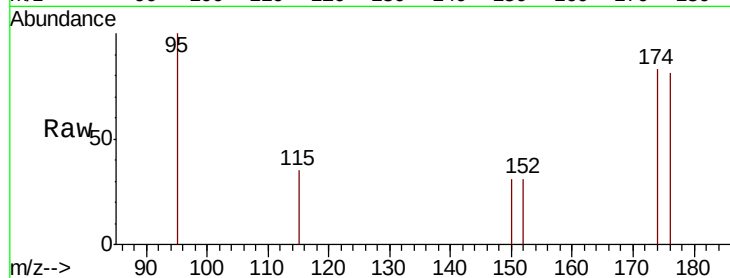
Tot Ion: 95 Resp: 307

Ion Ratio Lower Upper

95 100

174 83.3 0.0 179.8

176 80.7 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

12.40

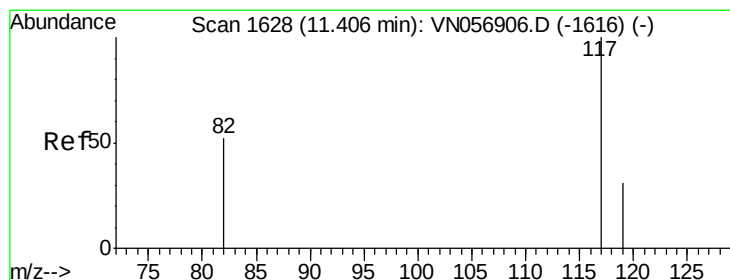
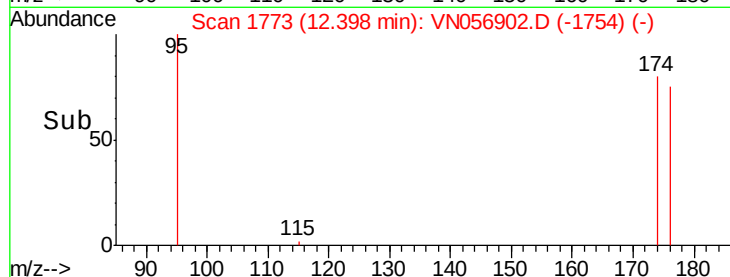
150

100

50

0

12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056902.D

Acq: 24 Jul 2019 10:35

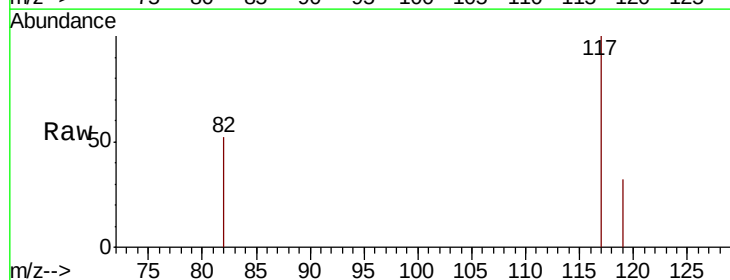
Tgt Ion: 117 Resp: 16839

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

119 32.2 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V

11.41

10000

8000

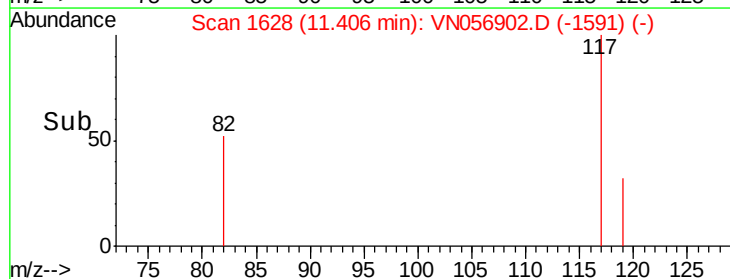
6000

4000

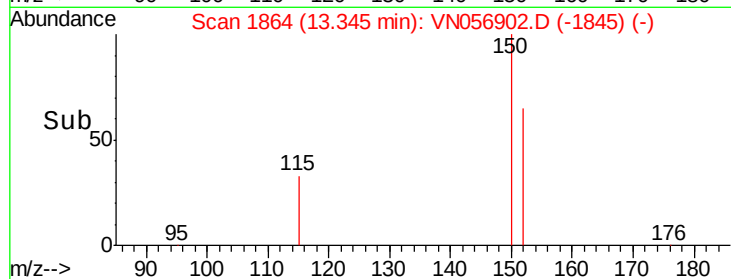
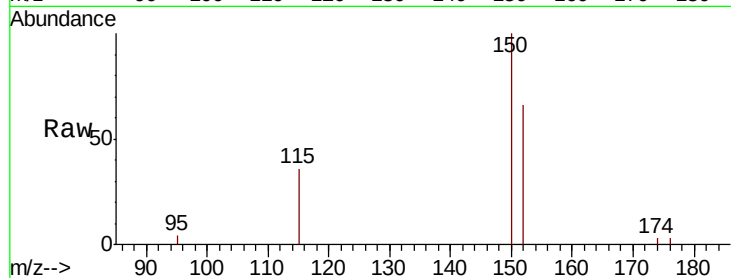
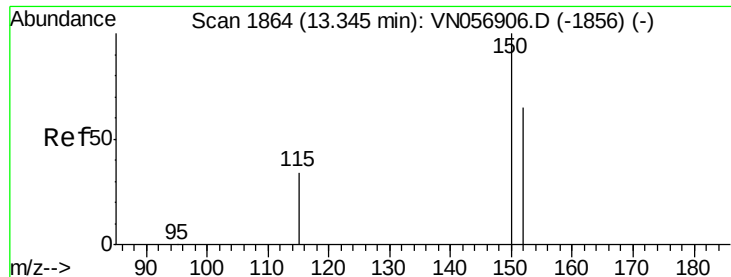
2000

0

11.40 11.60



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: VN056902.D

Acq: 24 Jul 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

Tot Ion:152 Resp: 2313

Ion Ratio Lower Upper

152 100

115 55.1 26.5 79.4

150 152.3 0.0 306.2

Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

