

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072919\
 Data File : VN056956.D
 Acq On : 29 Jul 2019 16:42
 Operator : JC/SP
 Sample : VSSTDICC0.1
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC0.1

Quant Time: Jul 30 01:48:37 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	38880	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.56	114	62155	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	33827	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.33	152	4658	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	869	0.19	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	3.80%#
5) Dibromofluoromethane	7.57	113	630	0.17	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	3.40%#
6) Toluene-d8	10.08	98	1316	0.17	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	3.40%#
7) 4-Bromofluorobenzene	12.40	95	444	0.23	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	4.60%#

Target Compounds

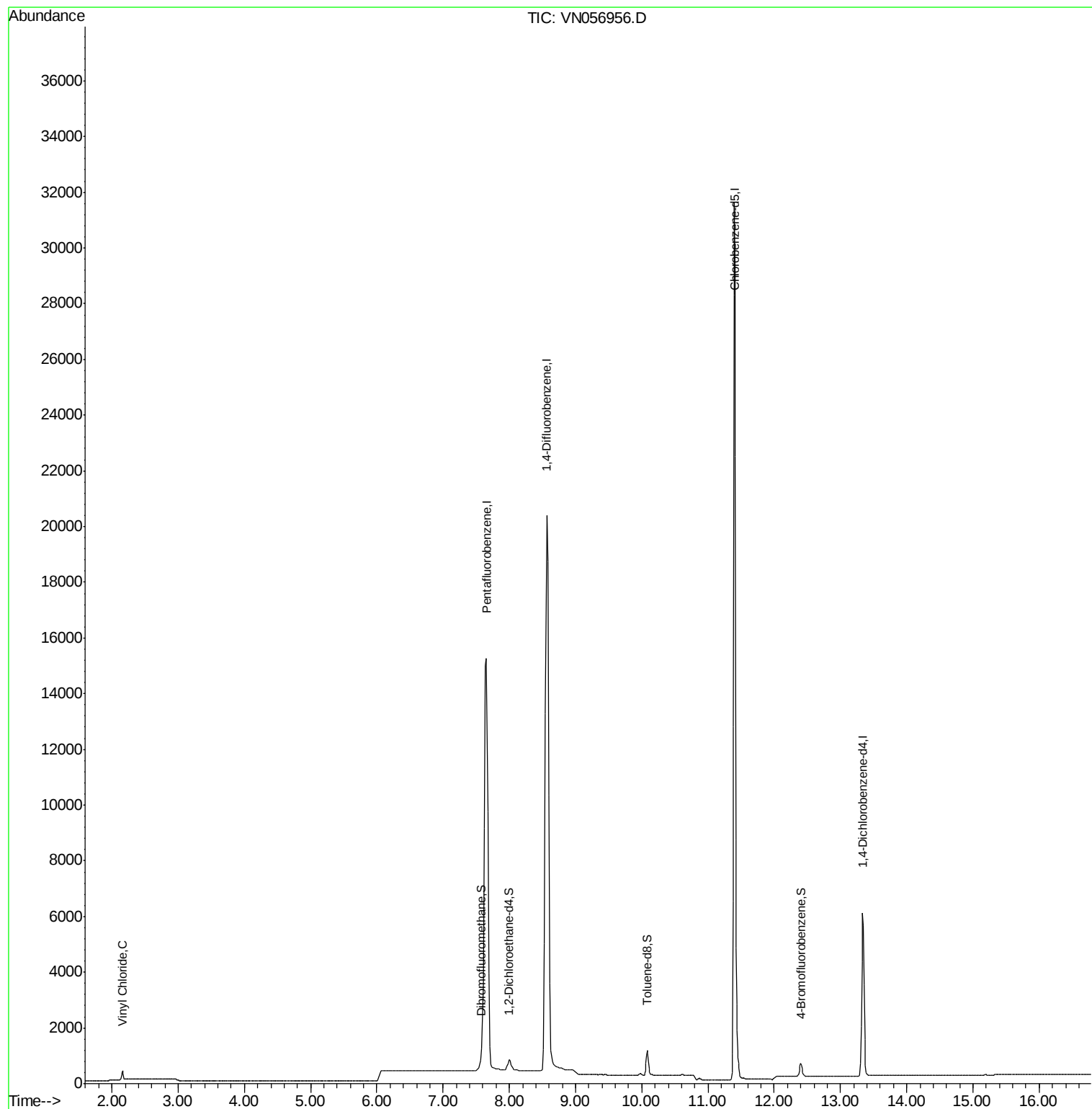
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	350	0.102	ug/l #	60

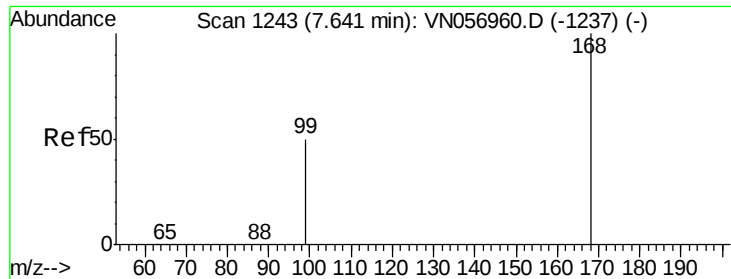
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056956.D

Acq: 29 Jul 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

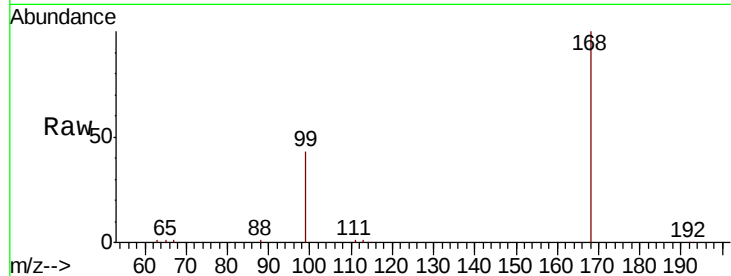
VSSTDIC0.1

Tot Ion:168 Resp: 38880

Ion Ratio Lower Upper

168 100

99 42.7 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056956.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056956.D (-1225) (-)

7.65

12000

10000

8000

6000

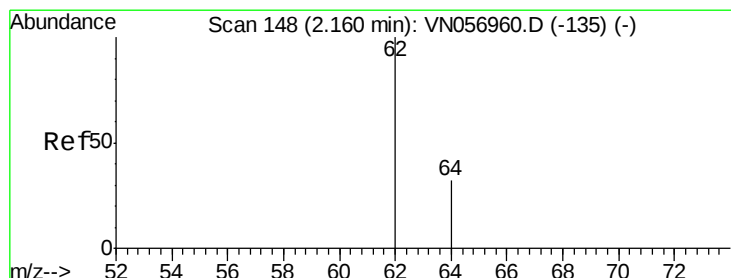
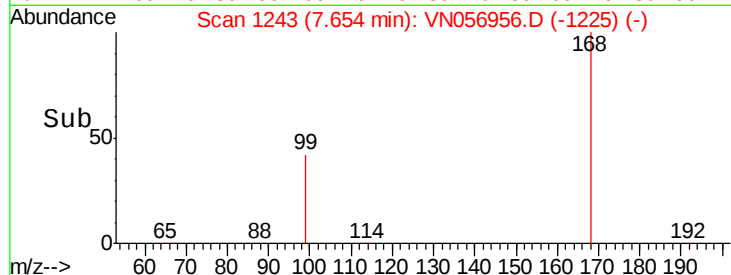
4000

2000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 0.102 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056956.D

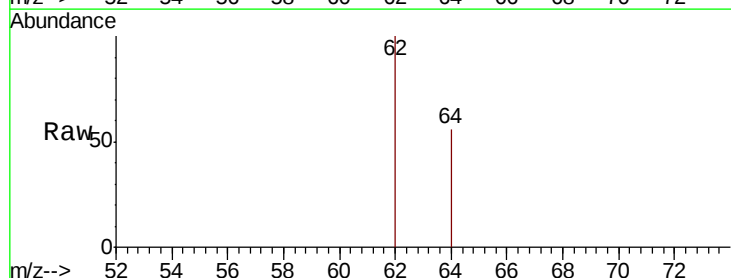
Acq: 29 Jul 2019 16:42

Tgt Ion: 62 Resp: 350

Ion Ratio Lower Upper

62 100

64 55.9 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VN056956.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056956.D (-96) (-)

2.16

300

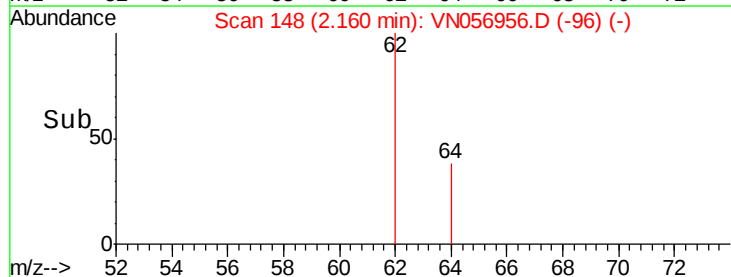
200

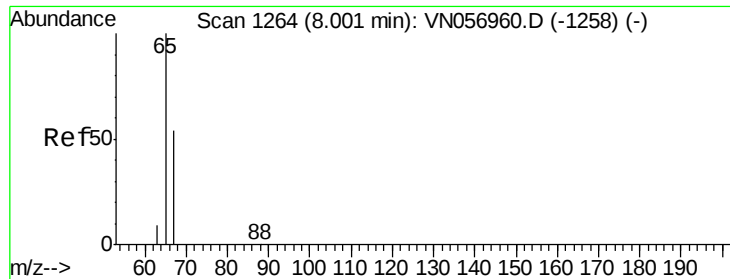
100

0

Time-->

2.10 2.15 2.20





#3

1,2-Dichloroethane-d4

Concen: 0.192 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

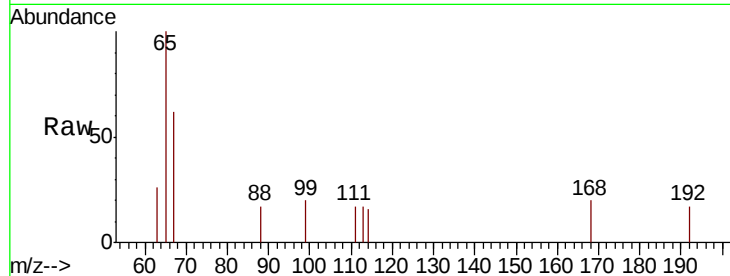
VSSTDIC0.1

Tot Ion: 65 Resp: 869

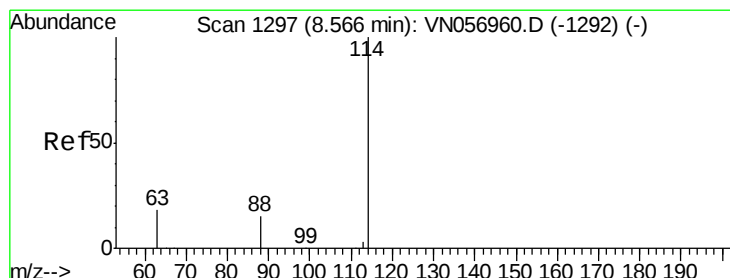
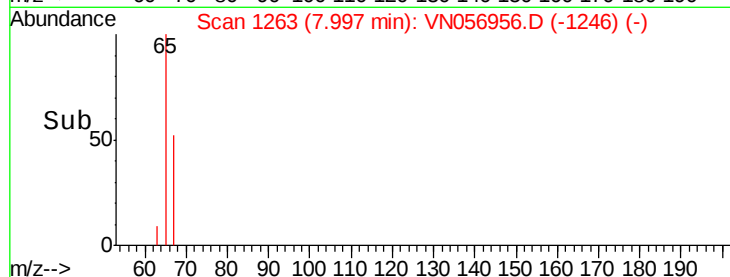
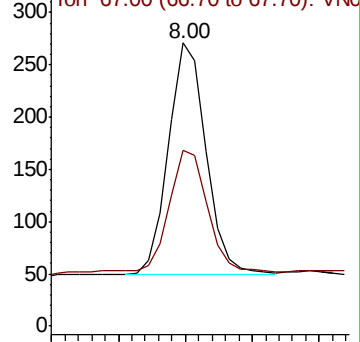
Ion Ratio Lower Upper

65 100

67 62.0 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN056956.D (-1246) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

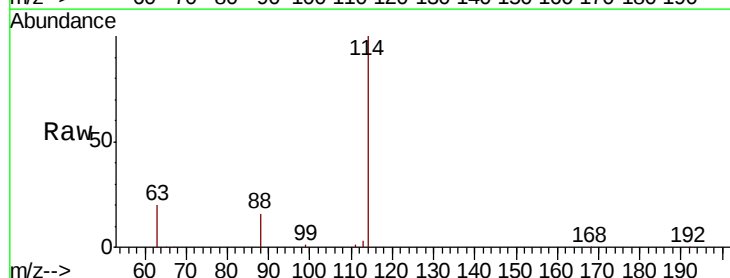
Tgt Ion: 114 Resp: 62155

Ion Ratio Lower Upper

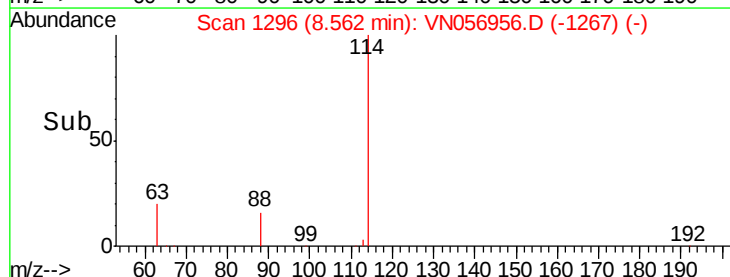
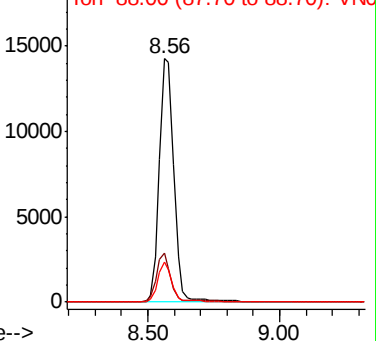
114 100

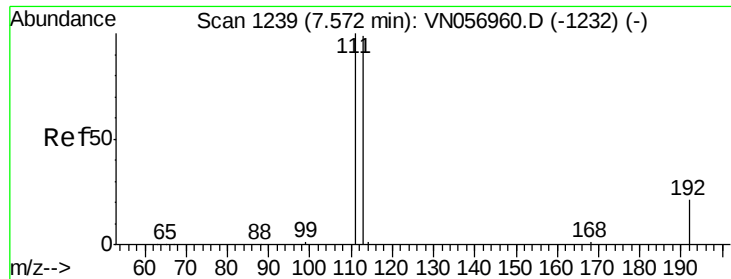
63 20.2 0.0 37.6

88 16.4 0.0 31.0



Abundance Ion 114.00 (113.70 to 114.70): VN056956.D (-1267) (-)





#5

Dibromofluoromethane

Concen: 0.167 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

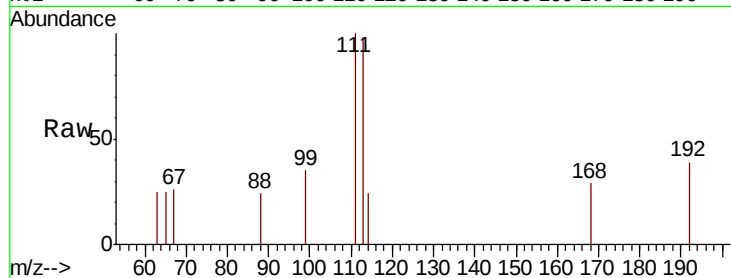
Tot Ion:113 Resp: 630

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

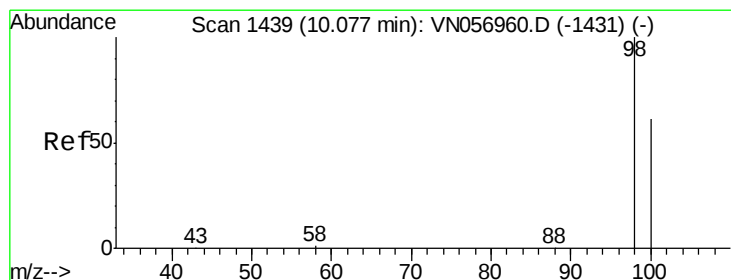
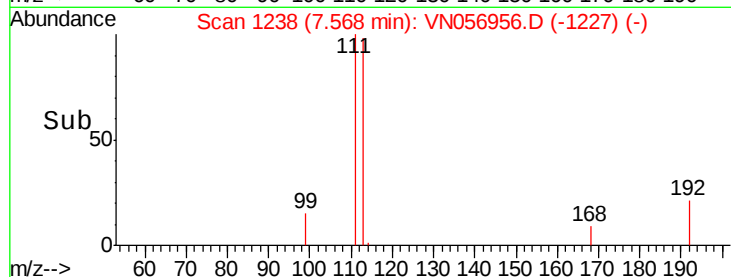
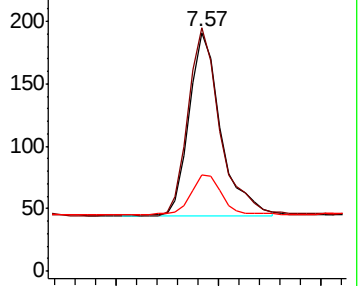
192 40.3 17.9 26.9#



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: 0.171 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056956.D

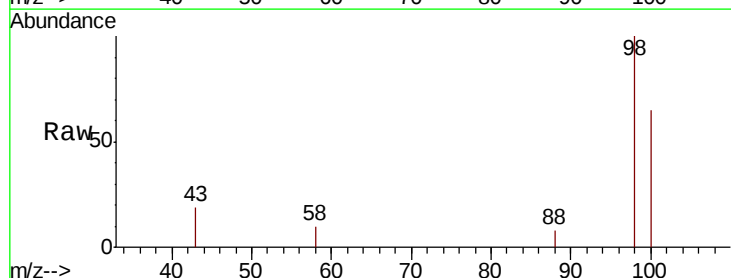
Acq: 29 Jul 2019 16:42

Tgt Ion: 98 Resp: 1316

Ion Ratio Lower Upper

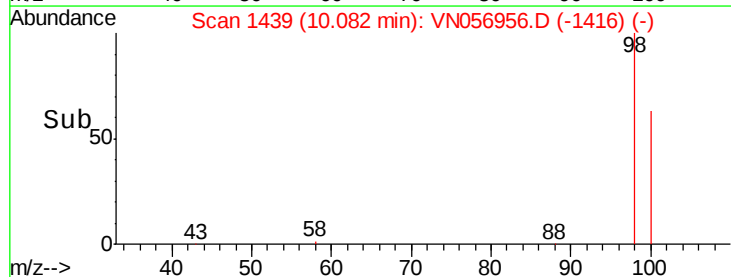
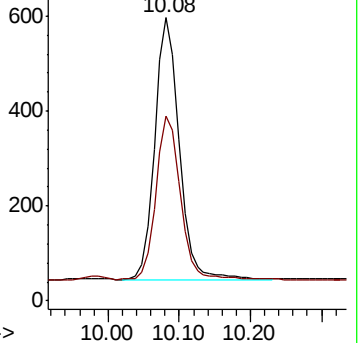
98 100

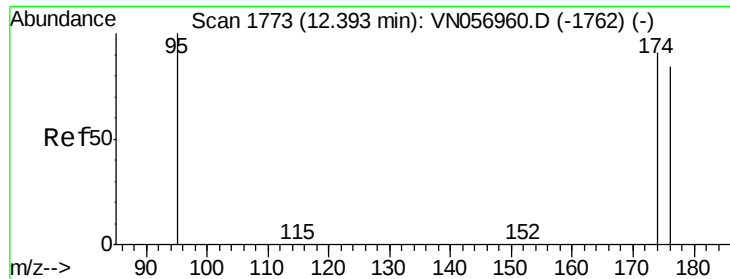
100 65.2 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 0.229 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

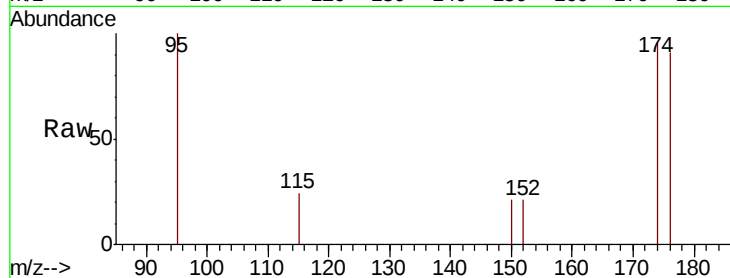
Tot Ion: 95 Resp: 444

Ion Ratio Lower Upper

95 100

174 95.6 0.0 181.4

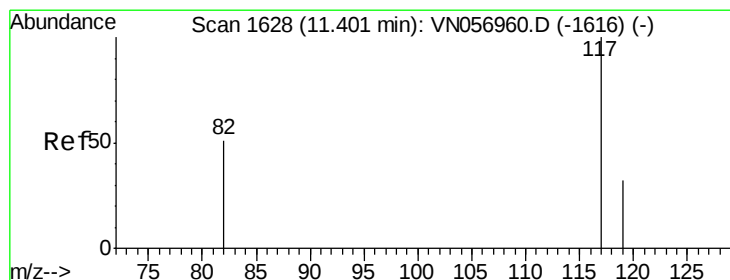
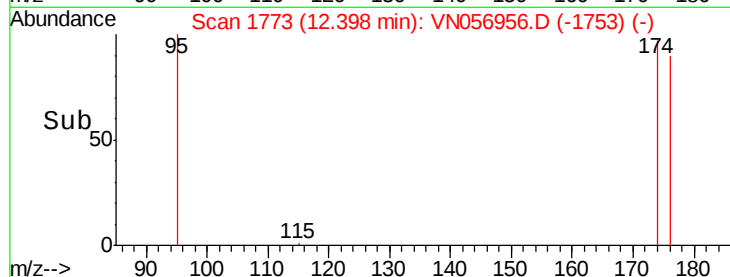
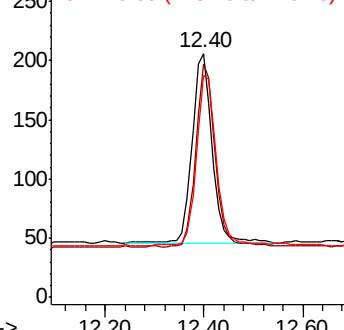
176 90.8 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

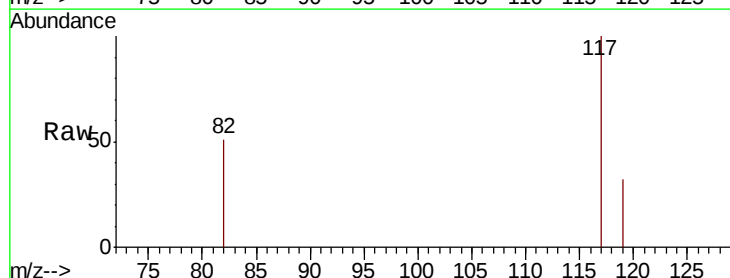
Tgt Ion: 117 Resp: 33827

Ion Ratio Lower Upper

117 100

82 51.4 40.7 61.1

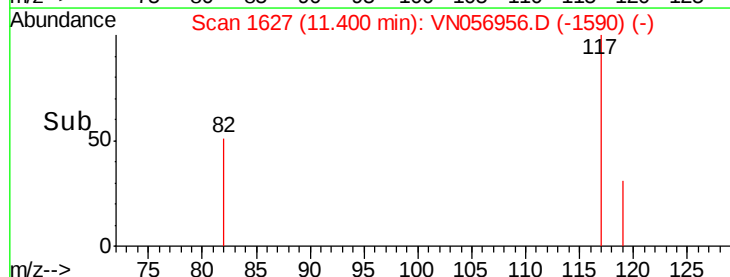
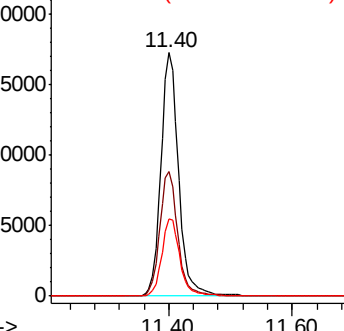
119 31.7 25.6 38.4

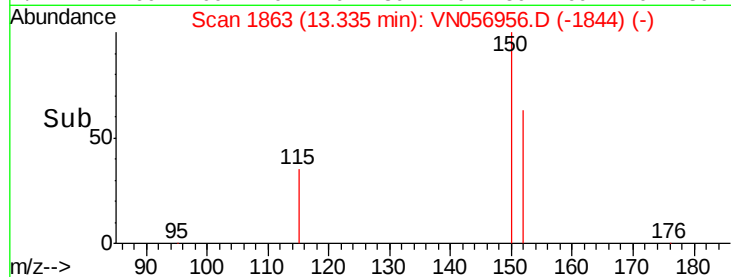
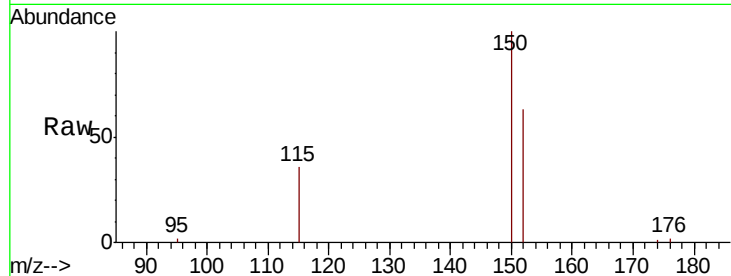
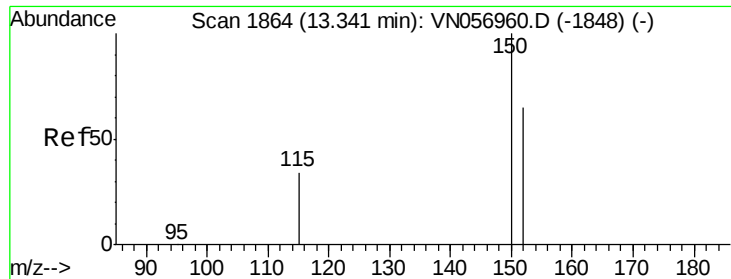


Abundance Ion 117.00 (116.70 to 117.70): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): VN0





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.33 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056956.D

Acq: 29 Jul 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

Tot Ion:152 Resp: 4658

Ion Ratio Lower Upper

152 100

115 56.6 27.0 80.8

150 158.5 0.0 306.8

