

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062719\
 Data File : VN056512.D
 Acq On : 27 Jun 2019 14:12
 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: Jun 28 03:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:15:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	56804	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	95109	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55547	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	8214	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	964	0.14	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	2.80%#
5) Dibromofluoromethane	7.59	113	752	0.15	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	3.00%#
6) Toluene-d8	10.09	98	1510	0.13	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	2.60%#
7) 4-Bromofluorobenzene	12.40	95	482	0.18	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	3.60%#

Target Compounds

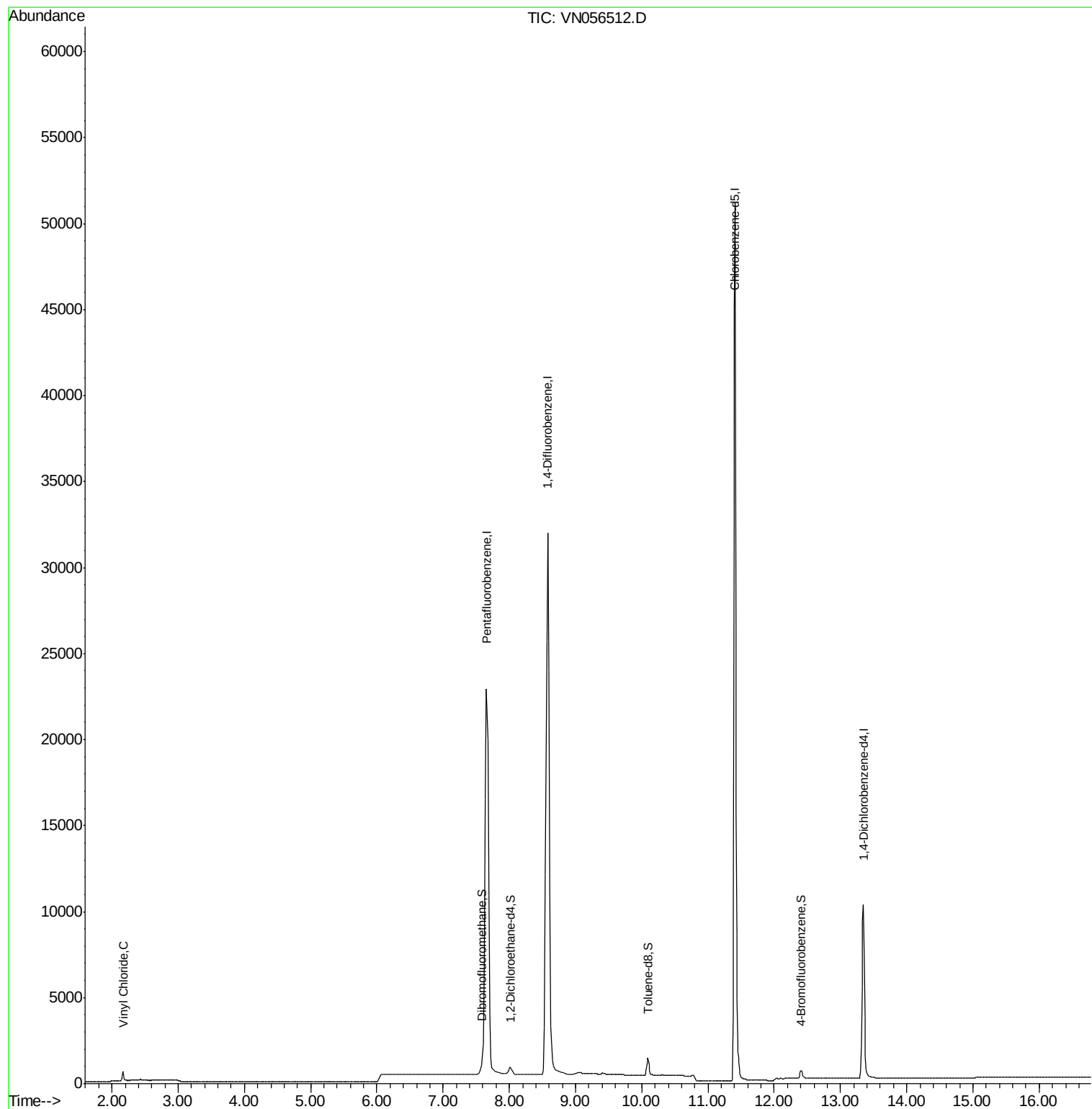
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	646	0.115	ug/l #	71

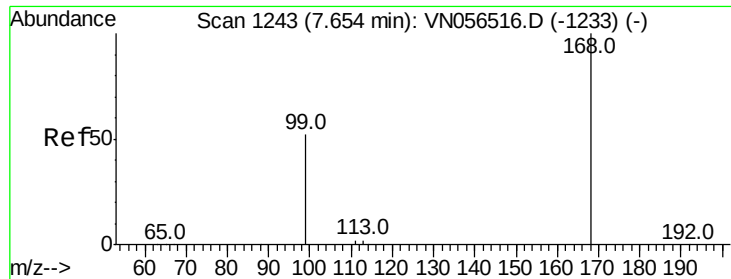
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056512.D

Acq: 27 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

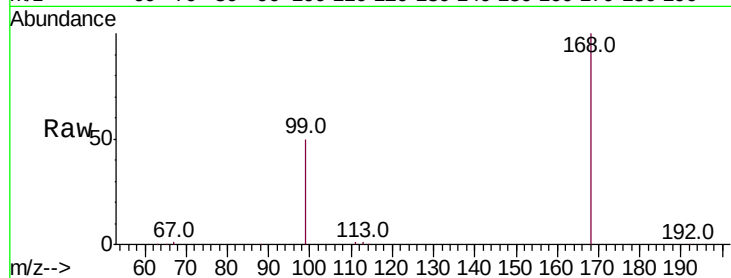
VSSTDIC0.1

Tot Ion:168 Resp: 56804

Ion Ratio Lower Upper

168 100

99 50.2 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056512.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN056512.D (-1226) (-)

7.65

15000

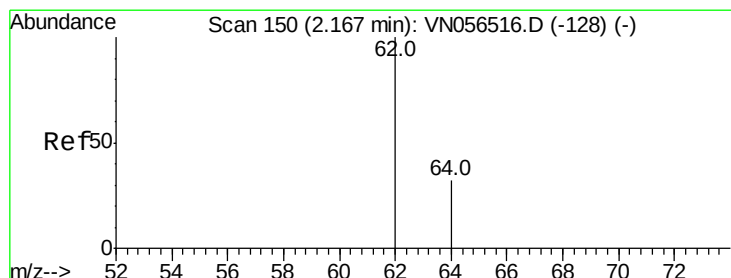
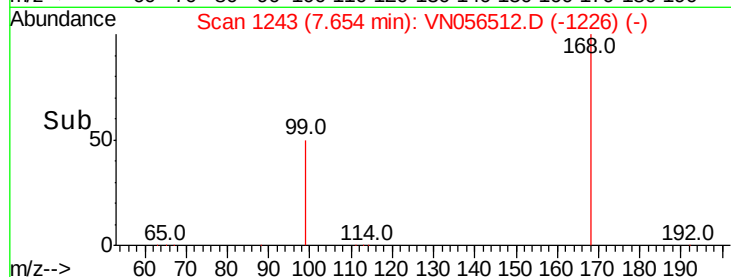
10000

5000

0

7.40 7.60 7.80 8.00

Time-->



#2

Vinyl Chloride

Concen: 0.115 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056512.D

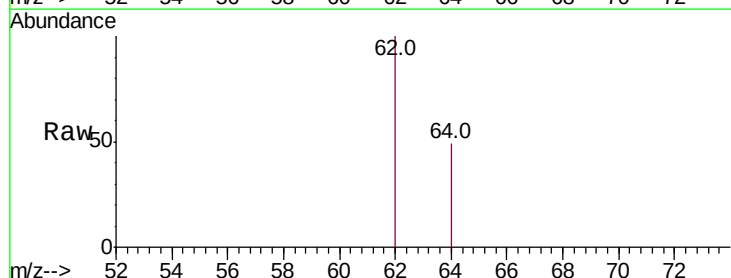
Acq: 27 Jun 2019 14:12

Tgt Ion: 62 Resp: 646

Ion Ratio Lower Upper

62 100

64 49.1 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN056512.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056512.D (-98) (-)

2.17

500

400

300

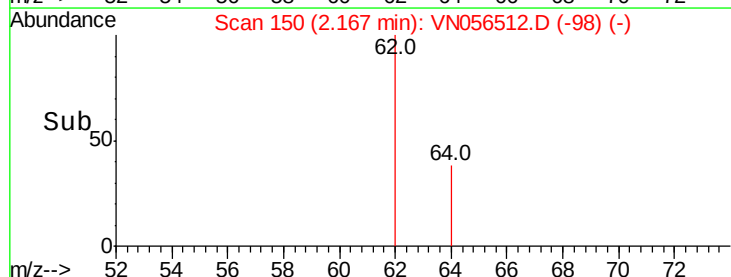
200

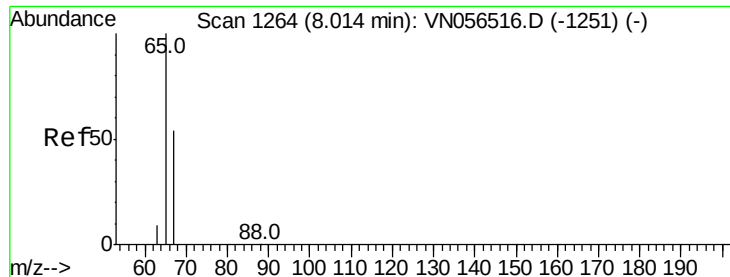
100

0

2.10 2.15 2.20 2.25

Time-->





#3

1,2-Dichloroethane-d4

Concen: 0.142 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056512.D

Acq: 27 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

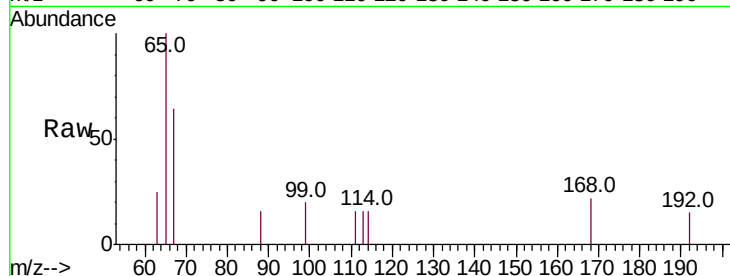
VSTSDICC0.1

Tot Ion: 65 Resp: 964

Ion Ratio Lower Upper

65 100

67 64.1 0.0 108.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.01

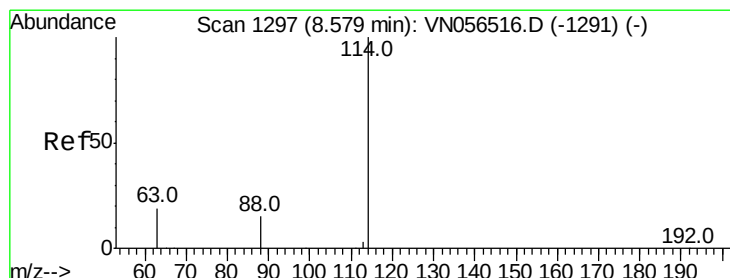
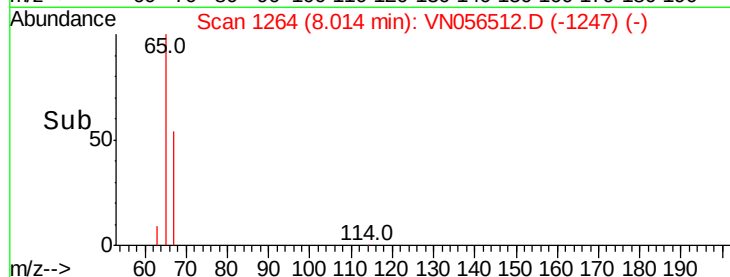
300

200

100

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056512.D

Acq: 27 Jun 2019 14:12

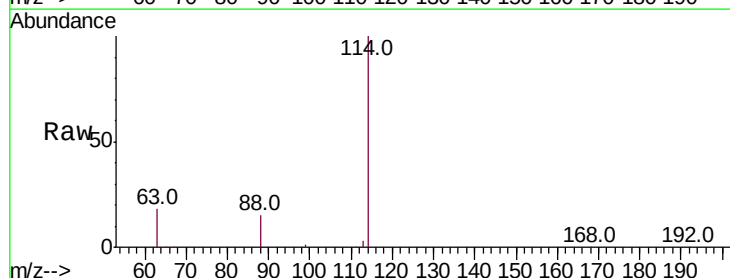
Tgt Ion: 114 Resp: 95109

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 15.2 0.0 31.2



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

8.58

30000

25000

20000

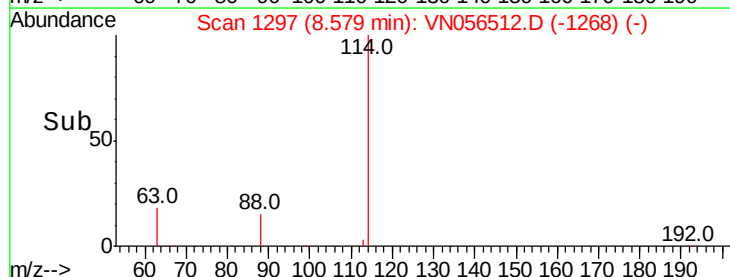
15000

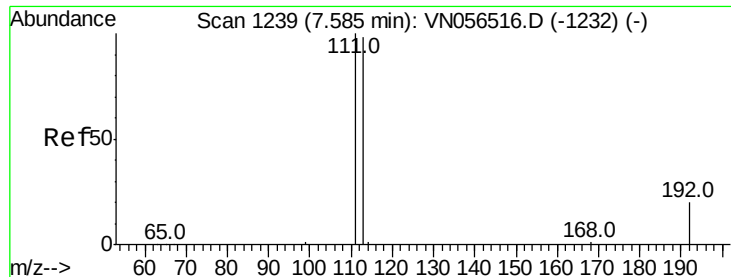
10000

5000

0

Time-->





#5

Dibromofluoromethane

Concen: 0.154 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056512.D

Acq: 27 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

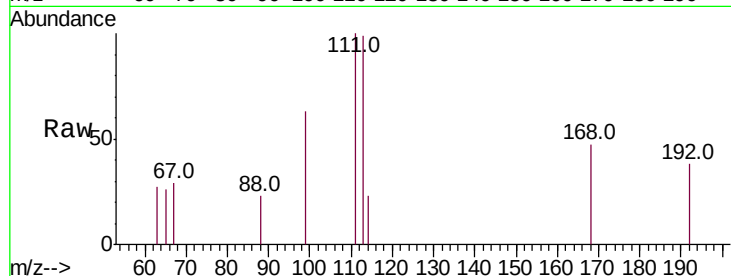
Tot Ion:113 Resp: 752

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

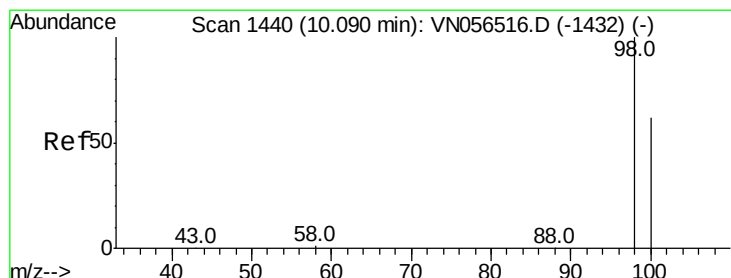
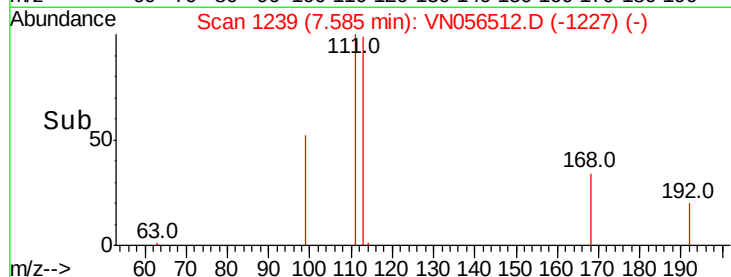
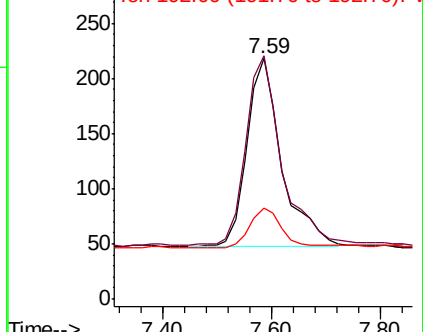
192 38.1 16.9 25.3#



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: 0.135 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056512.D

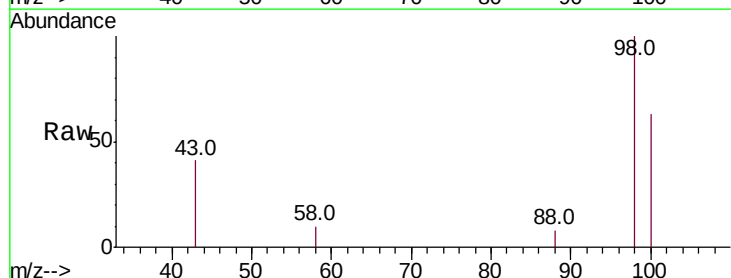
Acq: 27 Jun 2019 14:12

Tgt Ion: 98 Resp: 1510

Ion Ratio Lower Upper

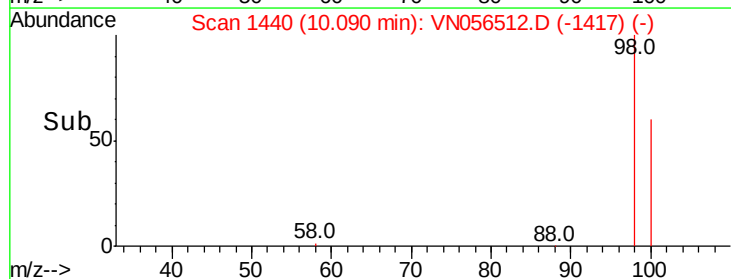
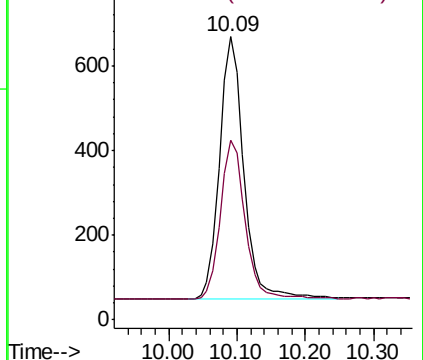
98 100

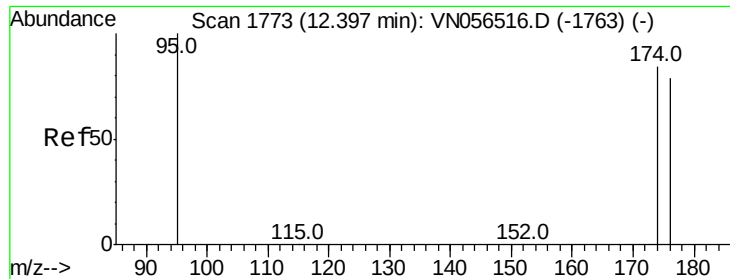
100 63.3 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 0.177 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056512.D

Acq: 27 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

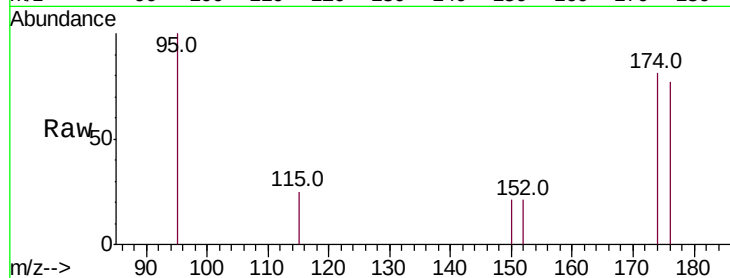
Tot Ion: 95 Resp: 482

Ion Ratio Lower Upper

95 100

174 80.7 0.0 167.8

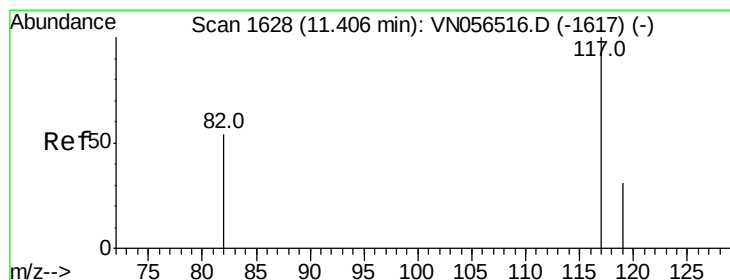
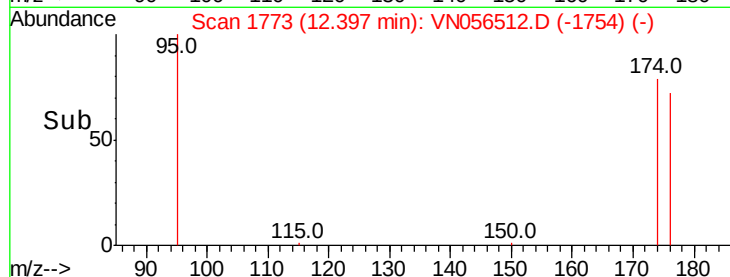
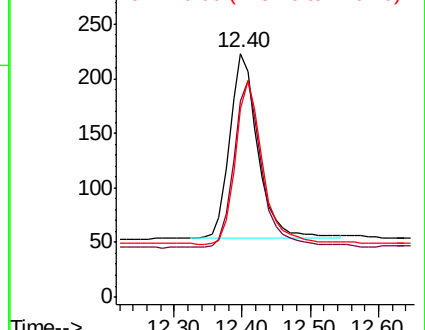
176 77.1 0.0 158.0



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



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056512.D

Acq: 27 Jun 2019 14:12

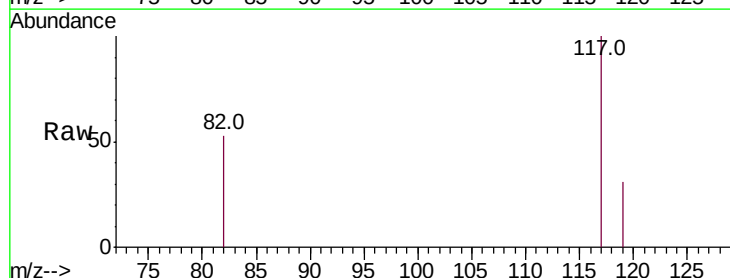
Tgt Ion: 117 Resp: 55547

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

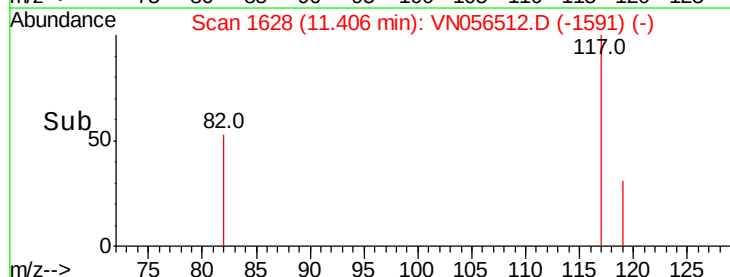
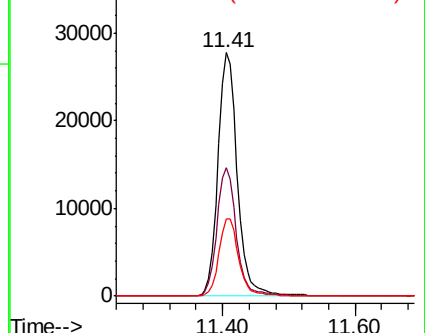
119 31.5 24.7 37.1

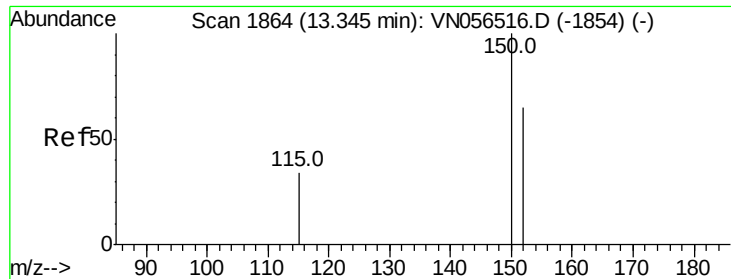


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056512.D

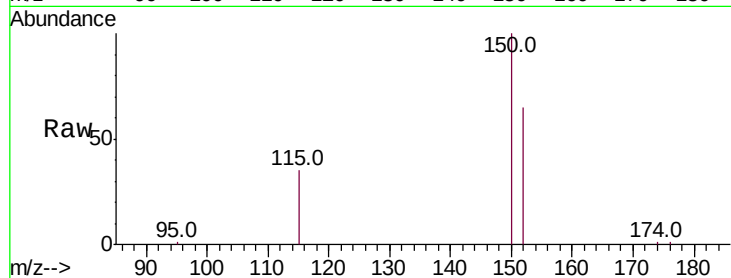
Acq: 27 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC0.1



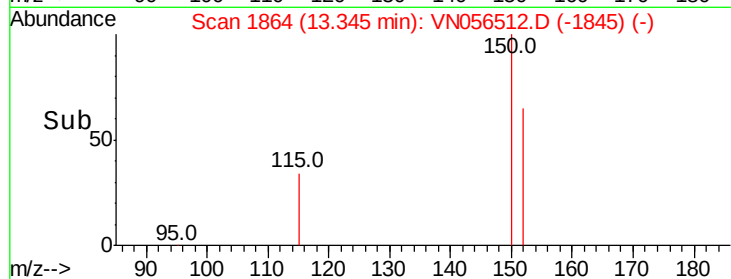
Tot Ion:152 Resp: 8214

Ion Ratio Lower Upper

152 100

115 53.3 27.0 80.8

150 153.2 0.0 306.6



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

