

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062719\
 Data File : VN056526.D
 Acq On : 27 Jun 2019 22:23
 Operator : JC/SP
 Sample : K3519-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-19-LF2MW4

Quant Time: Jun 28 03:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:22:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	51314	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	89287	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55078	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	8470	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	31842	5.07	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.40%
5) Dibromofluoromethane	7.59	113	23980	4.87	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	97.40%
6) Toluene-d8	10.09	98	53817	4.83	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	96.60%
7) 4-Bromofluorobenzene	12.39	95	13736	4.82	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.40%

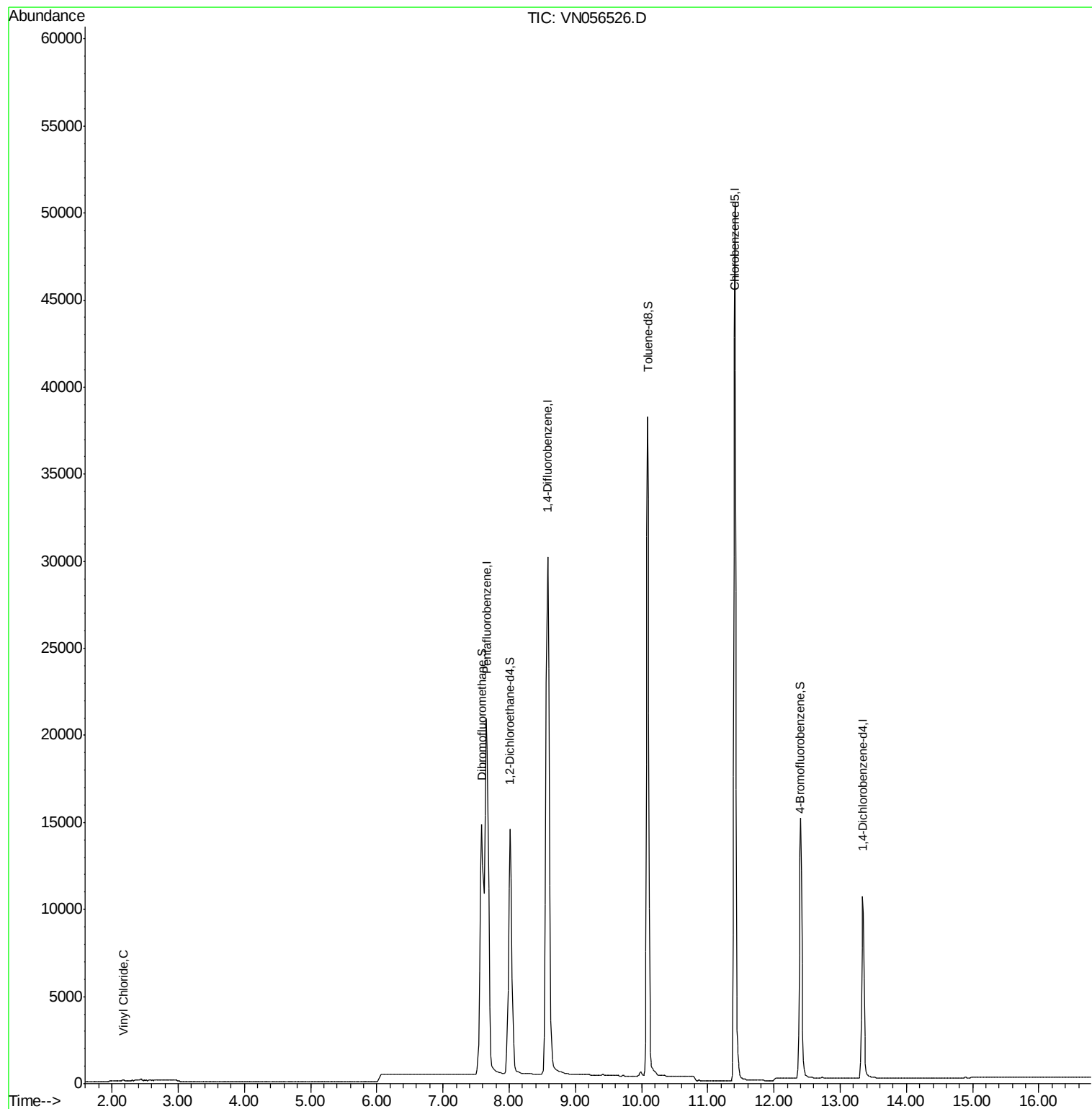
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	69	0.013 ug/l #	1

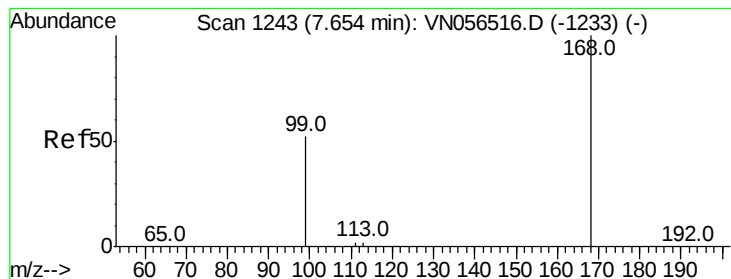
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056526.D

Acq: 27 Jun 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

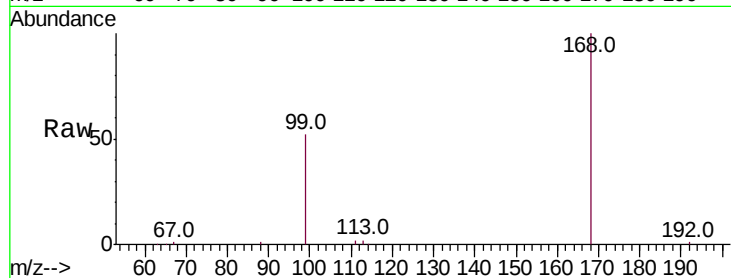
SP-19-LF2MW4

Tot Ion:168 Resp: 51314

Ion Ratio Lower Upper

168 100

99 52.3 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056516.D (-1233) (-)

Ion 99.00 (98.70 to 99.70): VN056516.D (-1233) (-)

7.65

15000

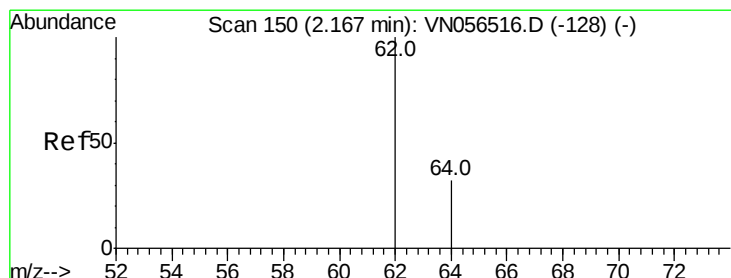
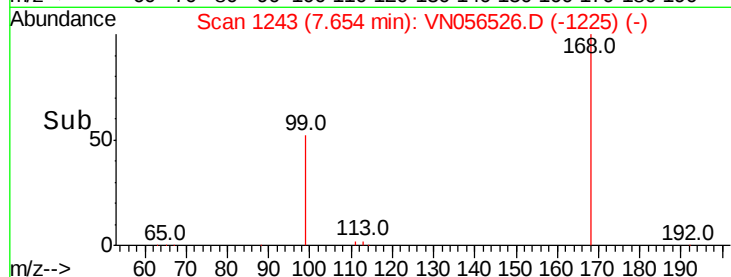
10000

5000

0

7.40 7.60 7.80

Time-->



#2

Vinyl Chloride

Concen: 0.013 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056526.D

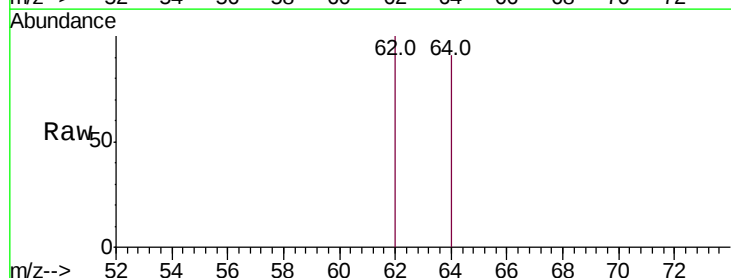
Acq: 27 Jun 2019 22:23

Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

64 91.4 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN056516.D (-128) (-)

Ion 64.00 (63.70 to 64.70): VN056516.D (-128) (-)

2.16

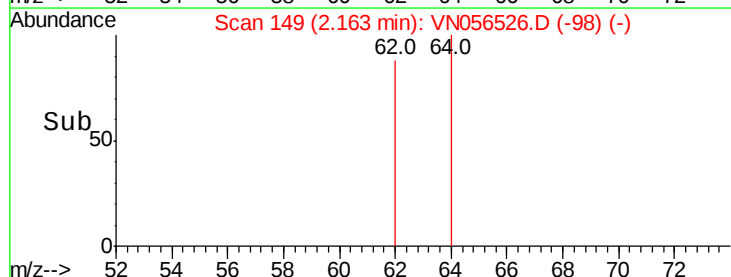
100

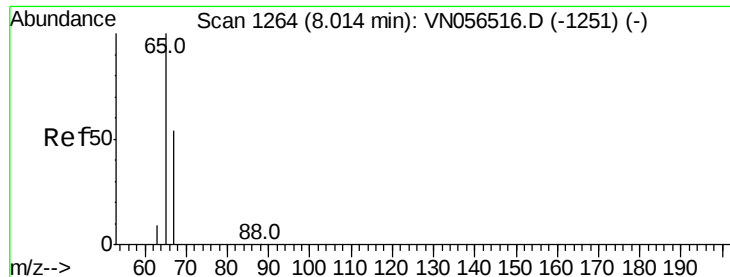
50

0

2.15 2.20

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.066 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

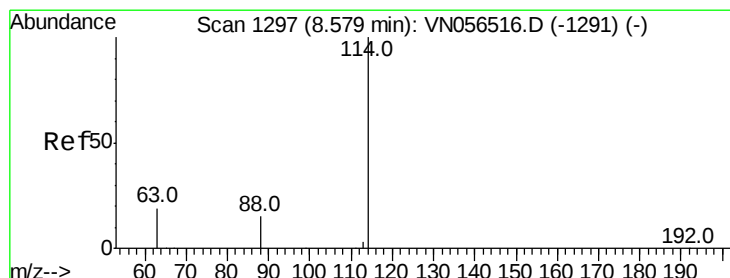
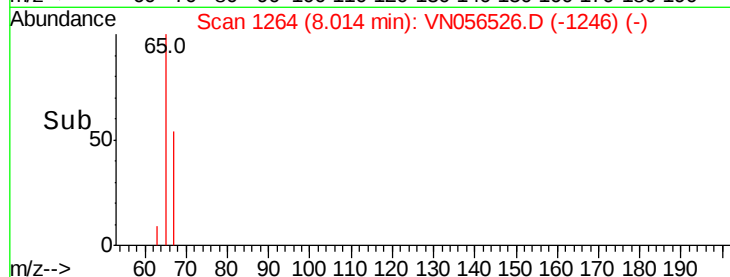
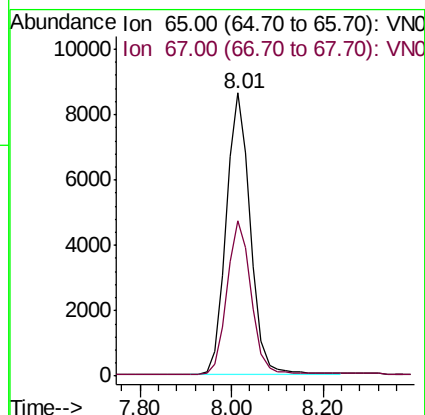
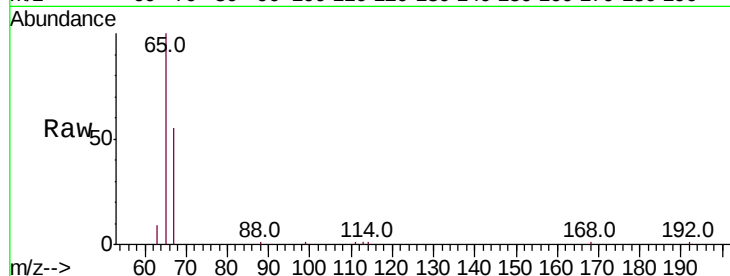
SP-19-LF2MW4

Tot Ion: 65 Resp: 31842

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.8



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

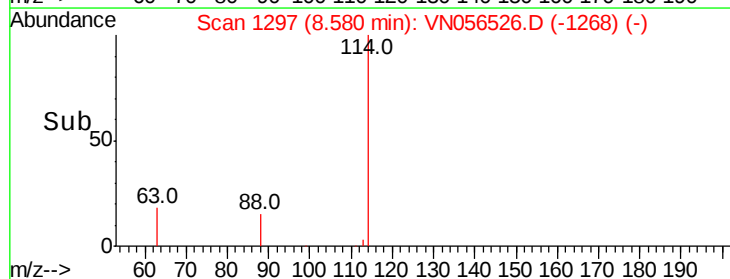
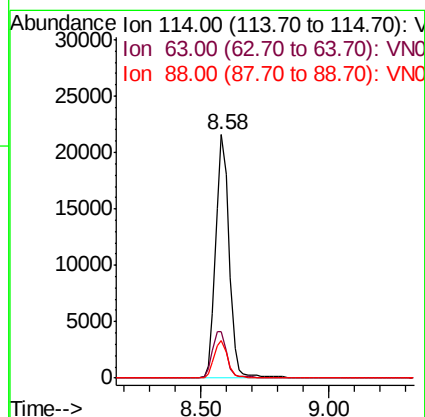
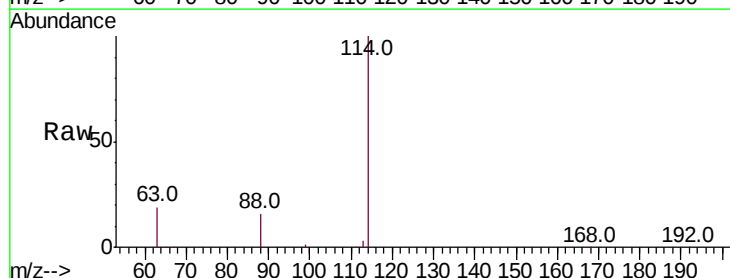
Tgt Ion: 114 Resp: 89287

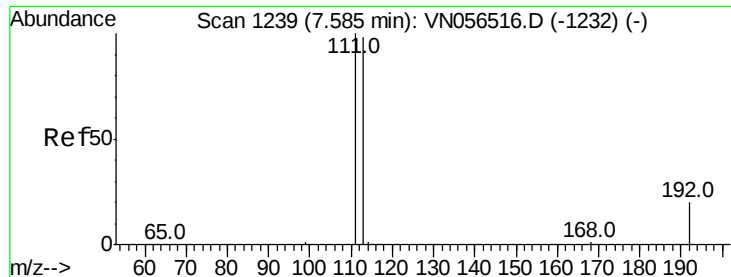
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 15.6 0.0 31.2





#5

Dibromofluoromethane

Concen: 4.872 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW4

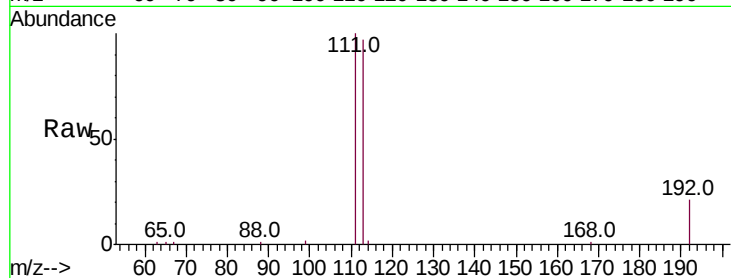
Tot Ion:113 Resp: 23980

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

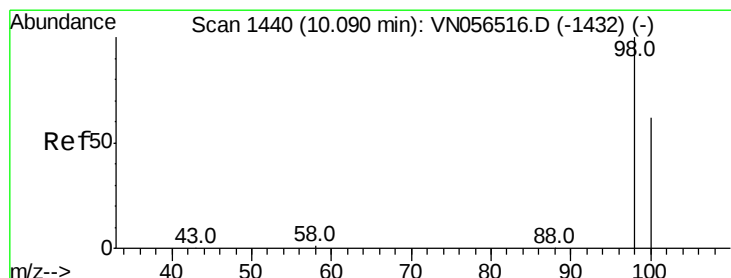
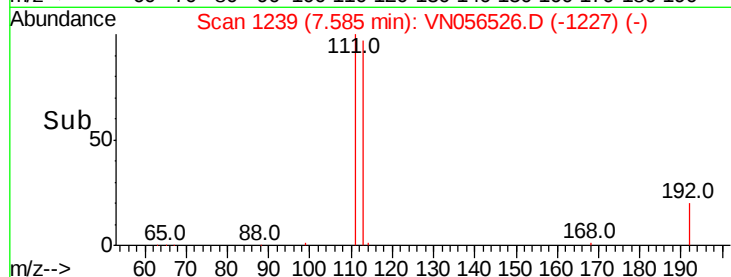
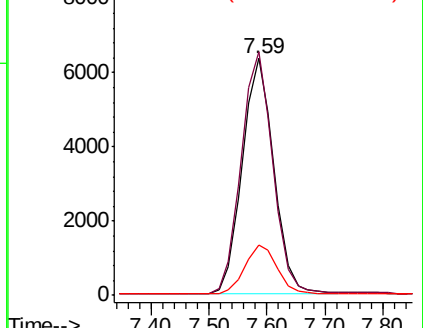
192 21.3 16.9 25.3



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: 4.832 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056526.D

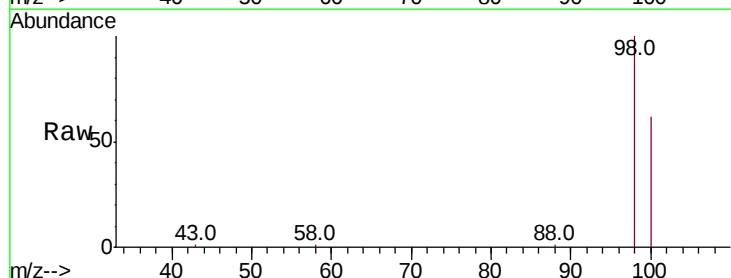
Acq: 27 Jun 2019 22:23

Tgt Ion: 98 Resp: 53817

Ion Ratio Lower Upper

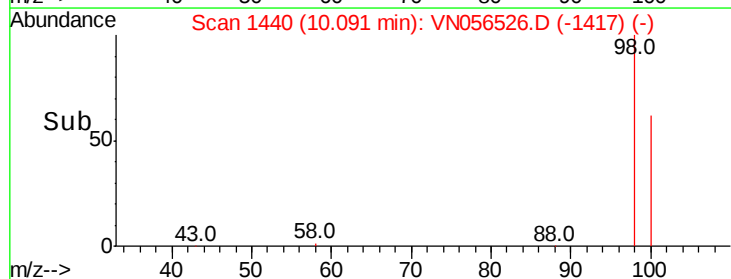
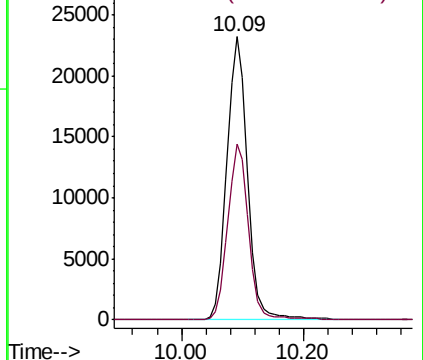
98 100

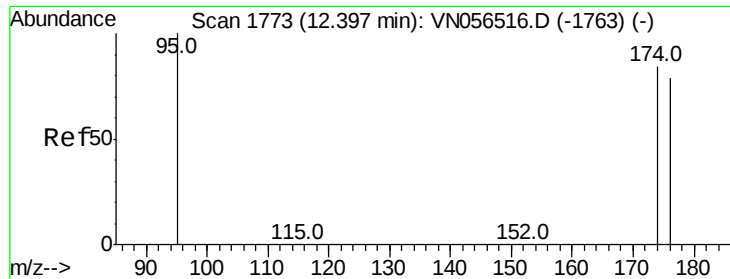
100 62.2 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.821 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW4

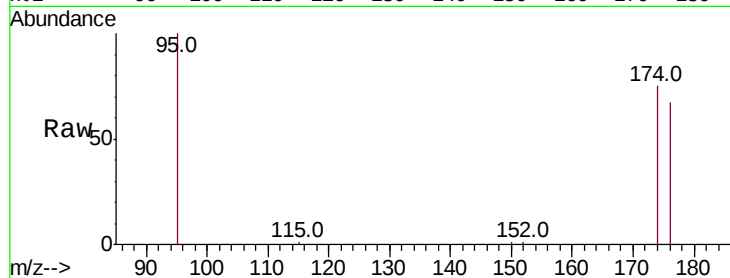
Tot Ion: 95 Resp: 13736

Ion Ratio Lower Upper

95 100

174 75.1 0.0 167.8

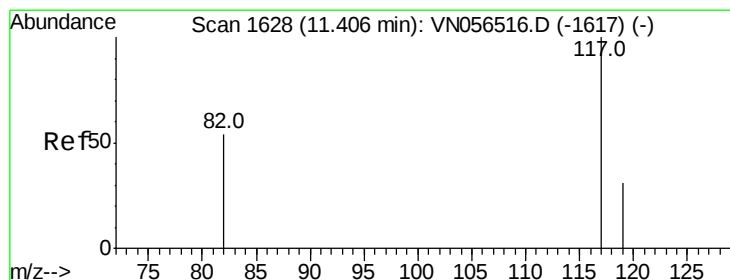
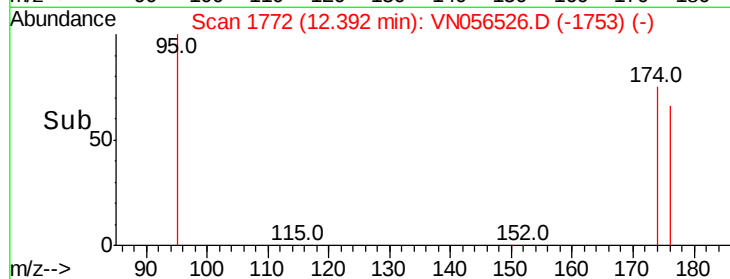
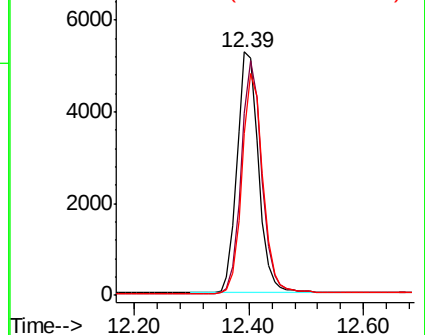
176 66.5 0.0 158.0



Abundance Ion 95.00 (94.70 to 95.70): VN056516.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN056516.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN056516.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

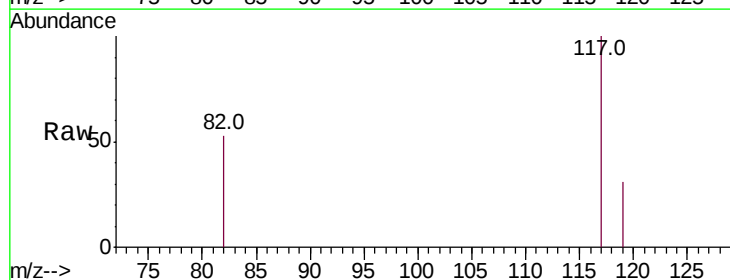
Tgt Ion: 117 Resp: 55078

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

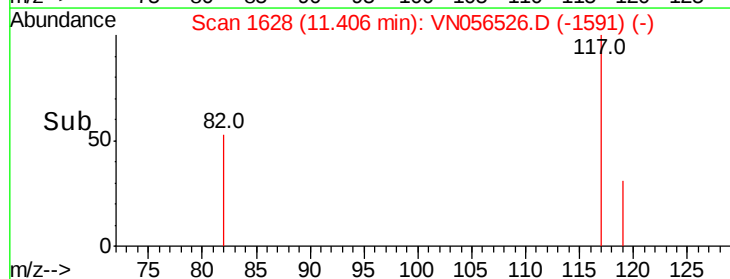
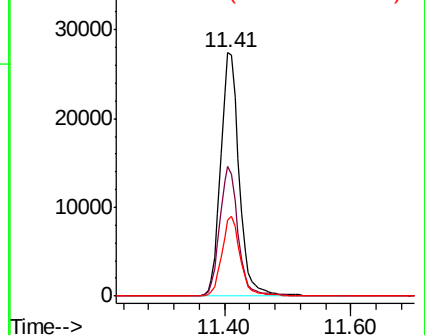
119 30.9 24.7 37.1

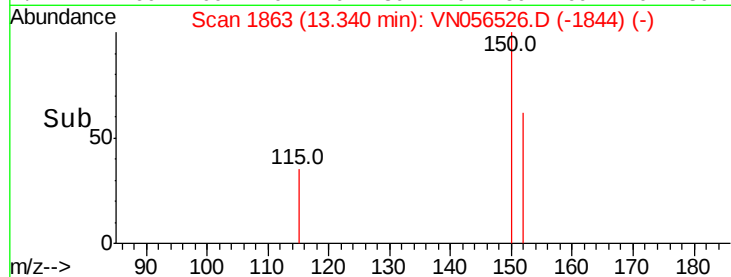
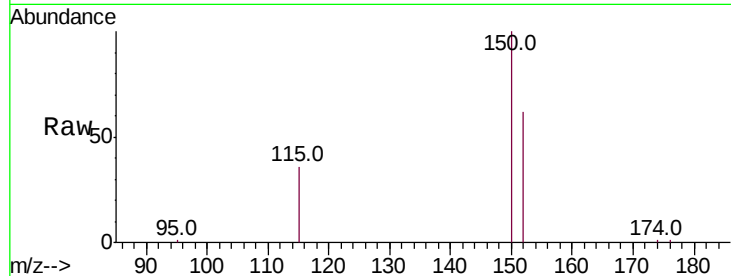
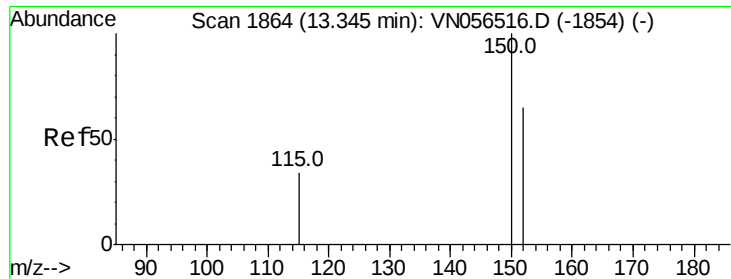


Abundance Ion 117.00 (116.70 to 117.70): VN056516.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056516.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056516.D (-1617) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056526.D

Acq: 27 Jun 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW4

Tot Ion:152 Resp: 8470

Ion Ratio Lower Upper

152 100

115 57.9 27.0 80.8

150 160.1 0.0 306.6

