

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062719\
 Data File : VN056532.D
 Acq On : 28 Jun 2019 00:44
 Operator : JC/SP
 Sample : K3519-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-19-LF2MW6

Quant Time: Jun 28 03:31:12 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	50037	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	74661	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53480	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	8496	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	31533	5.14	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.80%
5) Dibromofluoromethane	7.59	113	23577	5.73	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	114.60%
6) Toluene-d8	10.09	98	52538	5.64	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	112.80%#
7) 4-Bromofluorobenzene	12.40	95	13914	5.84	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	116.80%#

Target Compounds

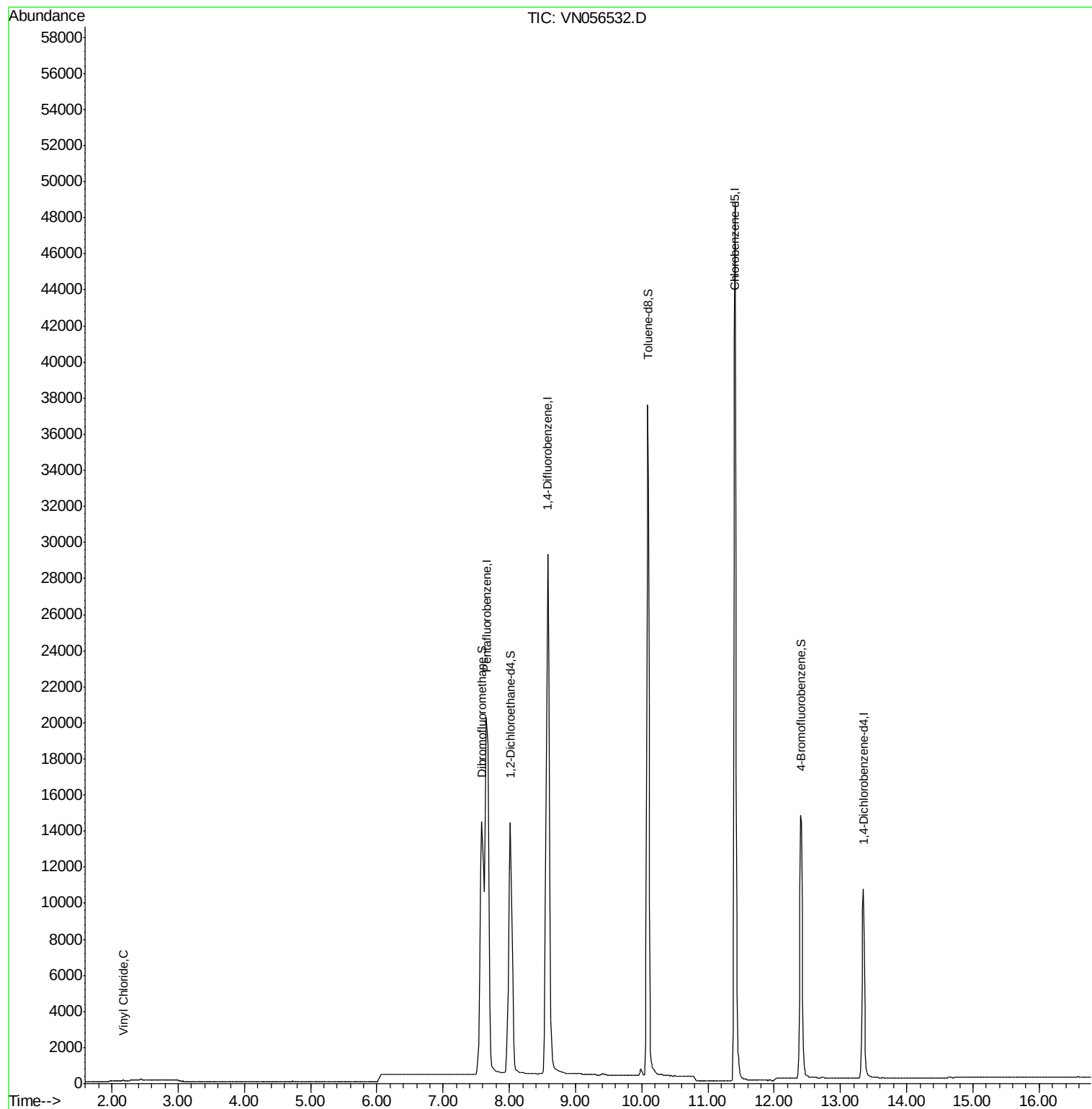
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	31	0.006	ug/l #	1

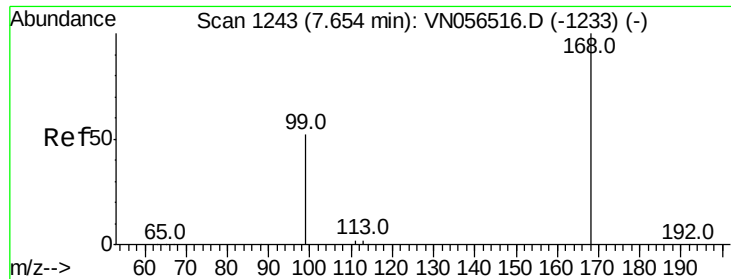
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056532.D

Acq: 28 Jun 2019 00:44

Instrument :

MSVOA_N

ClientSampleId :

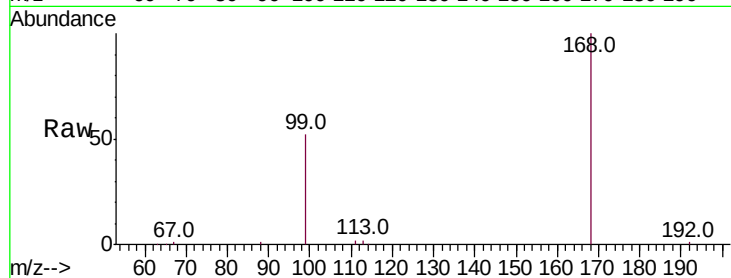
SP-19-LF2MW6

Tot Ion:168 Resp: 50037

Ion Ratio Lower Upper

168 100

99 52.2 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

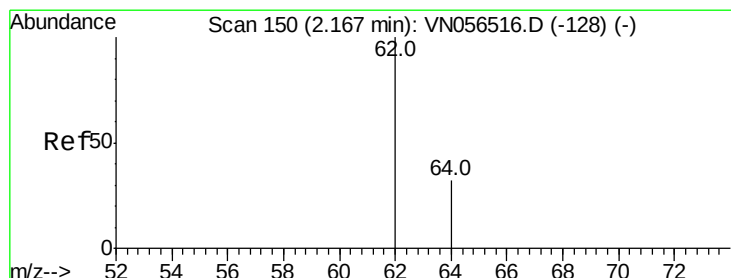
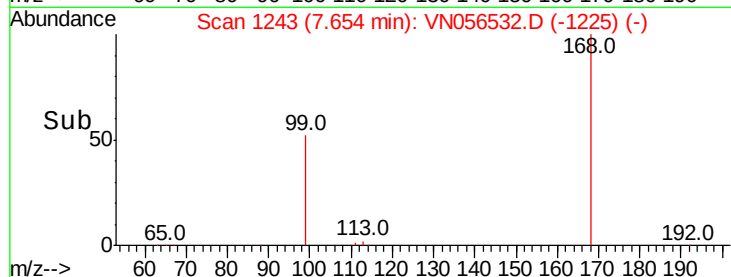
15000

10000

5000

0

Time-->



#2

Vinyl Chloride

Concen: 0.006 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056532.D

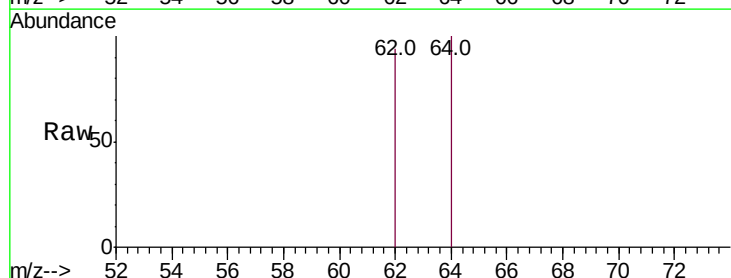
Acq: 28 Jun 2019 00:44

Tgt Ion: 62 Resp: 31

Ion Ratio Lower Upper

62 100

64 106.5 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.16

100

80

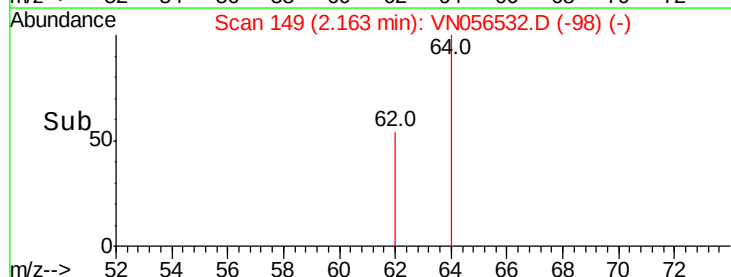
60

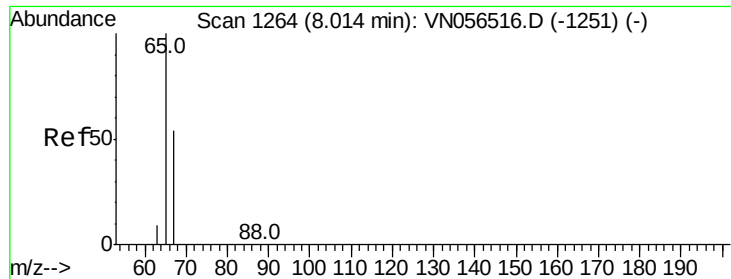
40

20

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.145 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056532.D

Acq: 28 Jun 2019 00:44

Instrument :

MSVOA_N

ClientSampleId :

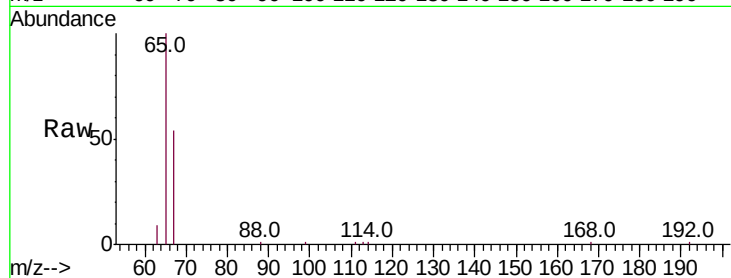
SP-19-LF2MW6

Tot Ion: 65 Resp: 31533

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



Abundance Ion 65.00 (64.70 to 65.70): VN056516.D (-1251) (-)

Ion 67.00 (66.70 to 67.70): VN056516.D (-1251) (-)

8.01

10000

8000

6000

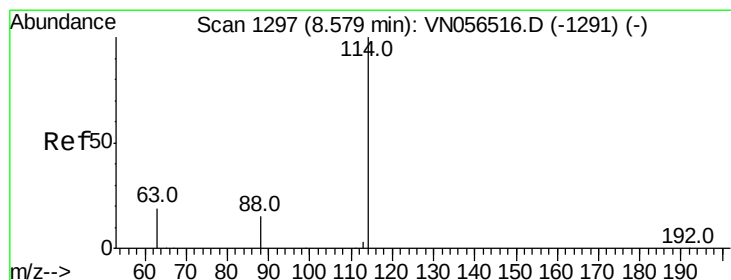
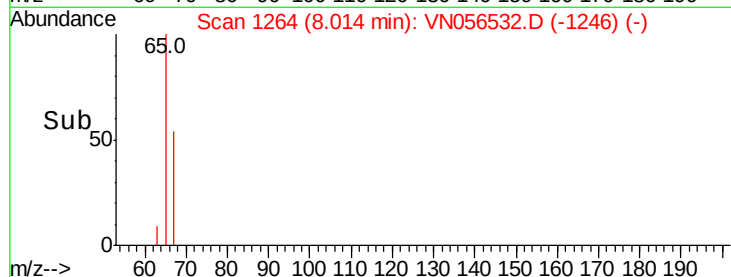
4000

2000

0

Time-->

7.60 7.80 8.00 8.20 8.40



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056532.D

Acq: 28 Jun 2019 00:44

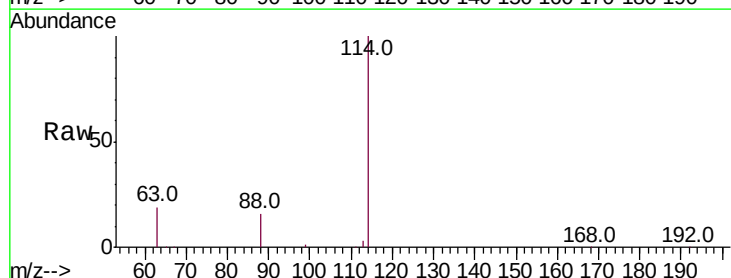
Tgt Ion: 114 Resp: 74661

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 15.8 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): VN056516.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056516.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056516.D (-1291) (-)

8.58

25000

20000

15000

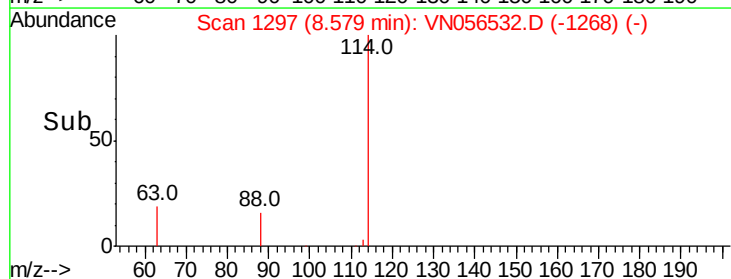
10000

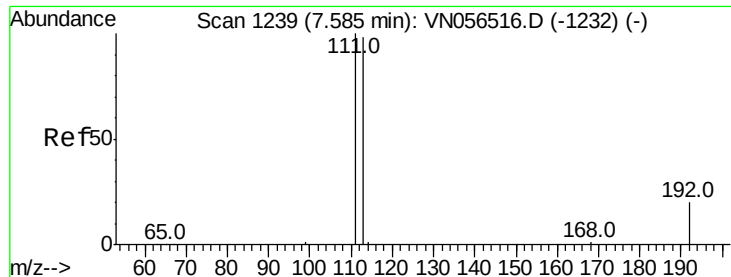
5000

0

Time-->

8.40 8.60 8.80 9.00





#5

Dibromofluoromethane

Concen: 5.728 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056532.D

Acq: 28 Jun 2019 00:44

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW6

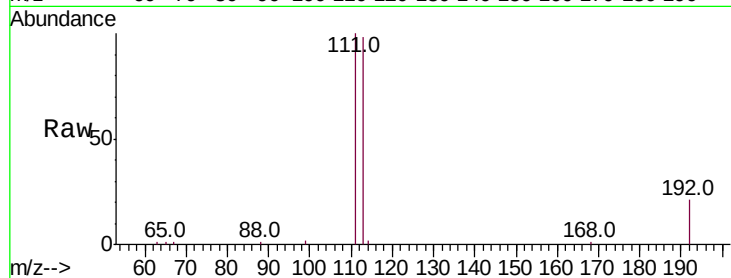
Tot Ion:113 Resp: 23577

Ion Ratio Lower Upper

113 100

111 101.6 81.7 122.5

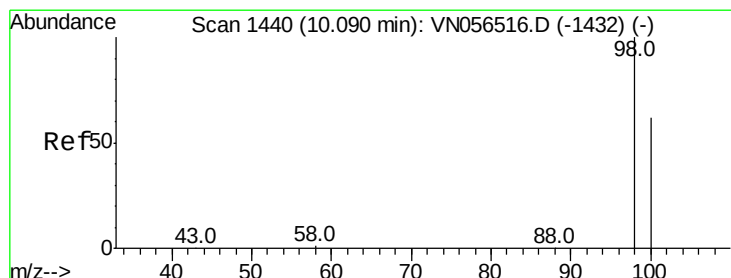
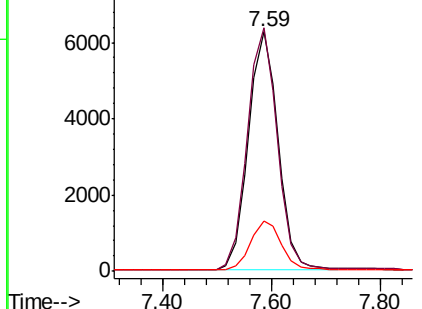
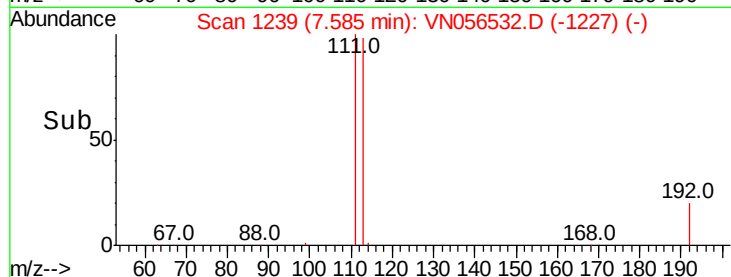
192 21.1 16.9 25.3



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: 5.641 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056532.D

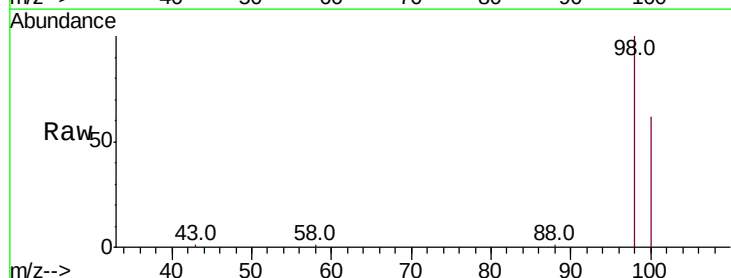
Acq: 28 Jun 2019 00:44

Tgt Ion: 98 Resp: 52538

Ion Ratio Lower Upper

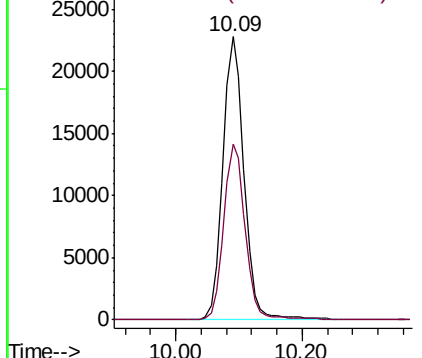
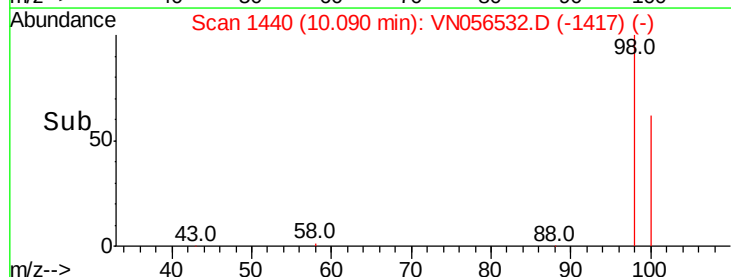
98 100

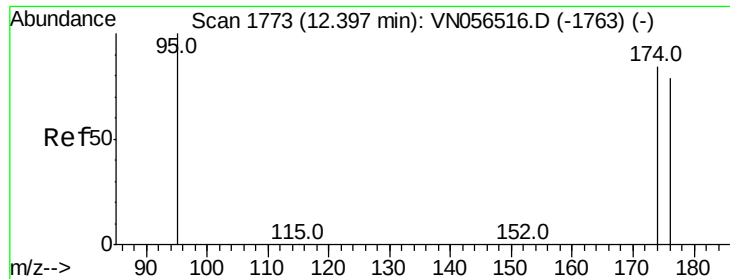
100 62.3 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.841 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056532.D

Acq: 28 Jun 2019 00:44

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW6

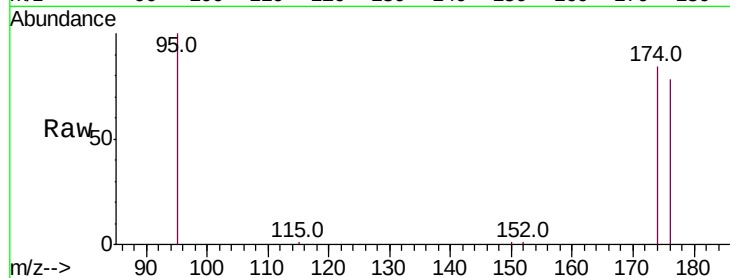
Tot Ion: 95 Resp: 13914

Ion Ratio Lower Upper

95 100

174 83.7 0.0 167.8

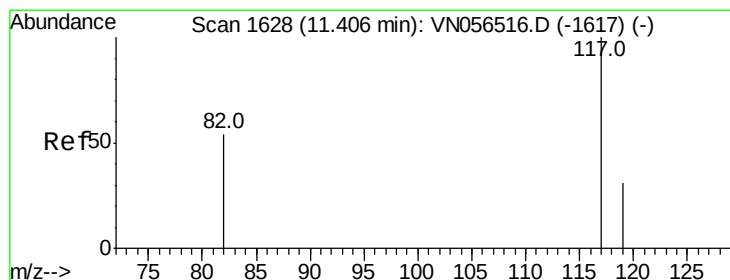
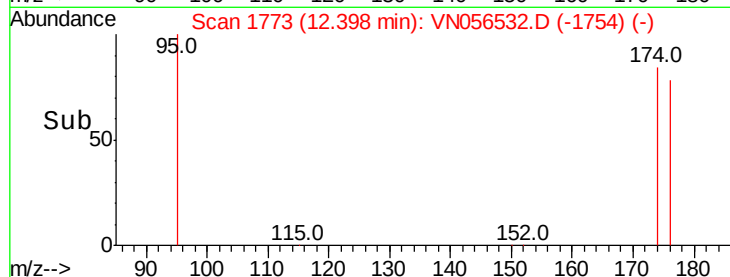
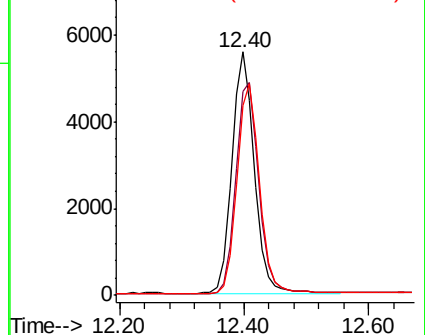
176 78.1 0.0 158.0



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: VN056532.D

Acq: 28 Jun 2019 00:44

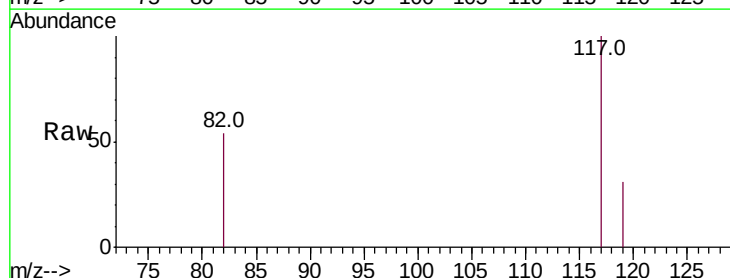
Tgt Ion: 117 Resp: 53480

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

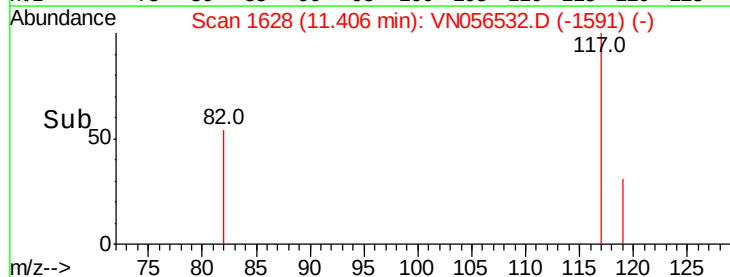
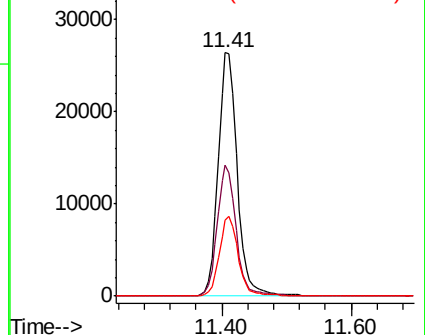
119 31.1 24.7 37.1

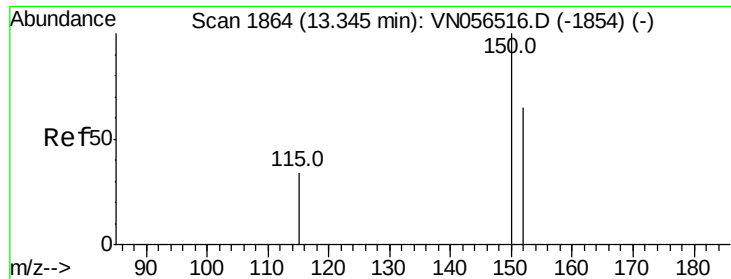


Abundance Ion 117.00 (116.70 to 117.70): VN056516.D (-1617) (-)

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

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

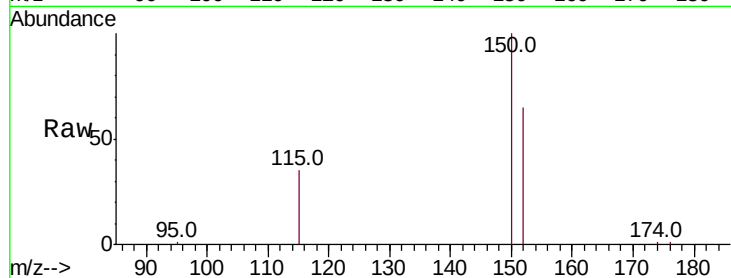




#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN056532.D
 Acq: 28 Jun 2019 00:44

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-19-LF2MW6

Tot Ion:152 Resp: 8496
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.0 80.8
 150 154.0 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

