

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056559.D
 Acq On : 28 Jun 2019 16:49
 Operator : JC/SP
 Sample : K3519-07MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-19-LF2MW2MSD

Quant Time: Jun 28 23:32:17 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	45765	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	79681	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	47883	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	6899	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	29518	5.27	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.40%
5) Dibromofluoromethane	7.59	113	22094	5.03	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.60%
6) Toluene-d8	10.09	98	48647	4.89	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.80%
7) 4-Bromofluorobenzene	12.40	95	12166	4.79	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.80%

Target Compounds

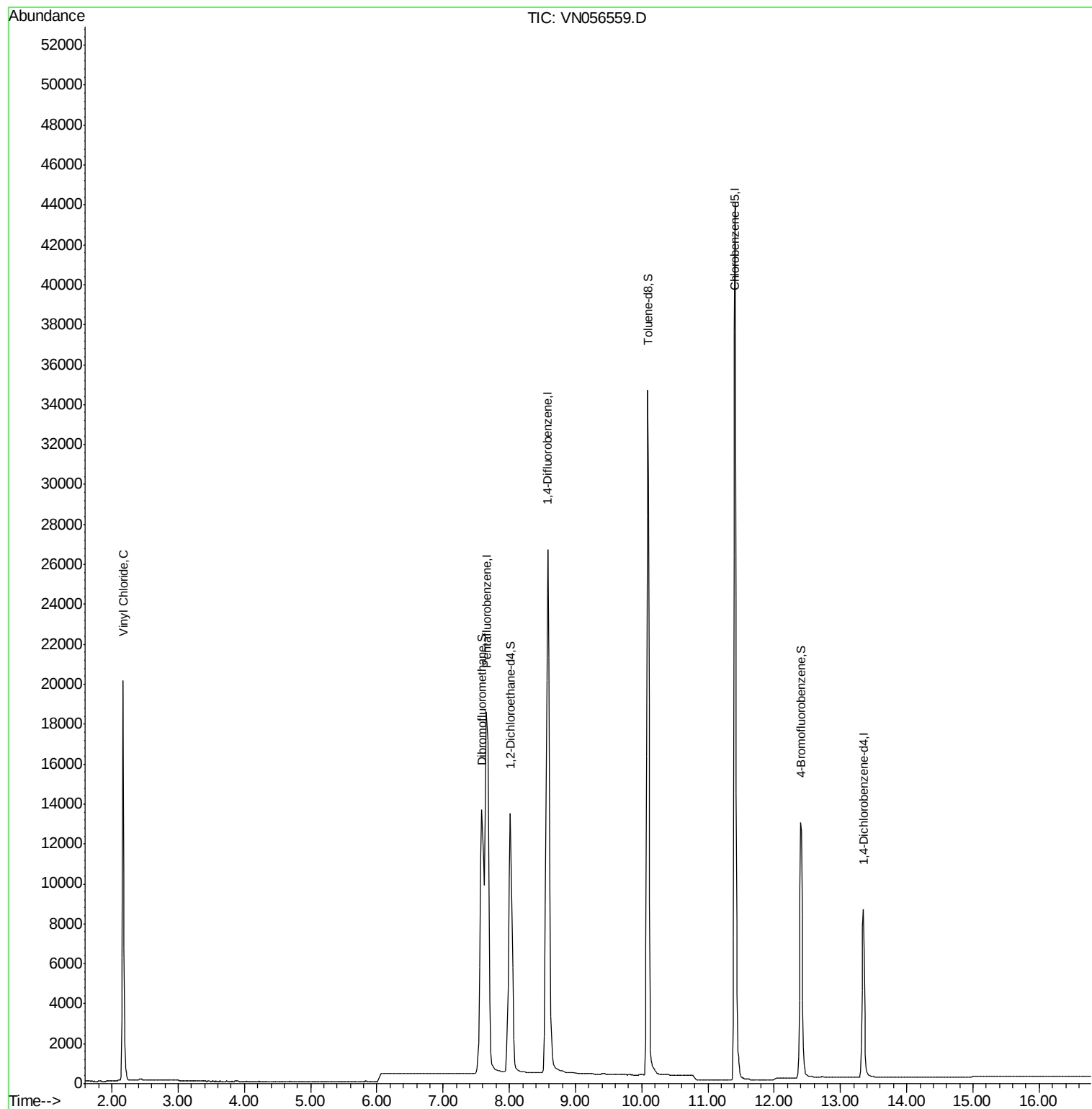
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	24502	5.355	ug/l	100

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

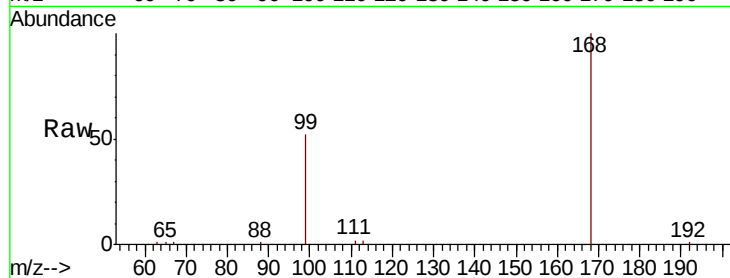
SP-19-LF2MW2MSD

Tot Ion:168 Resp: 45765

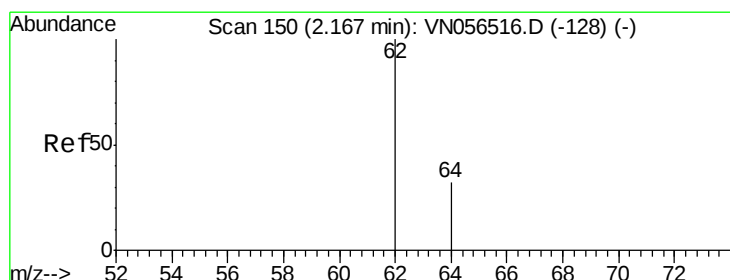
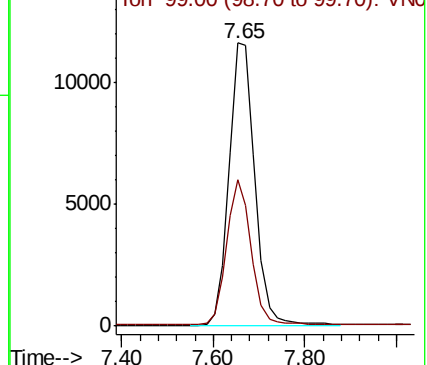
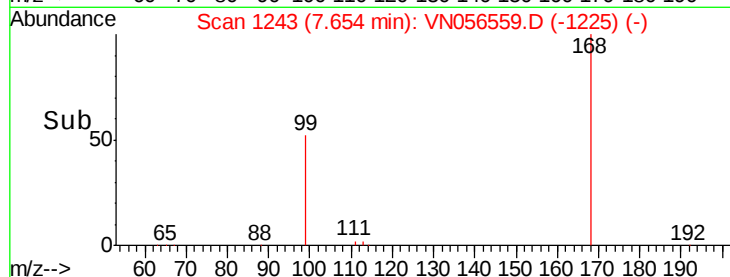
Ion Ratio Lower Upper

168 100

99 51.9 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056559.D (-1225) (-)



#2

Vinyl Chloride

Concen: 5.355 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056559.D

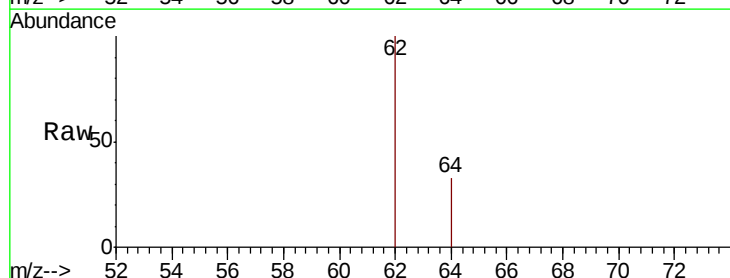
Acq: 28 Jun 2019 16:49

Tgt Ion: 62 Resp: 24502

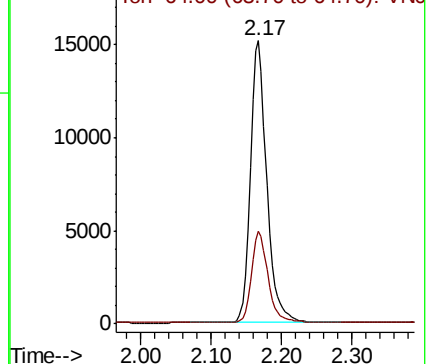
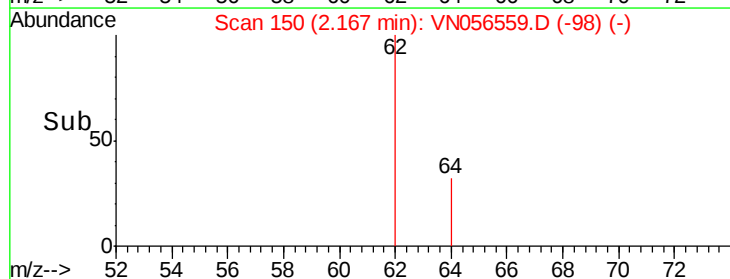
Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VN056559.D (-98) (-)





#3

1,2-Dichloroethane-d4

Concen: 5.266 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

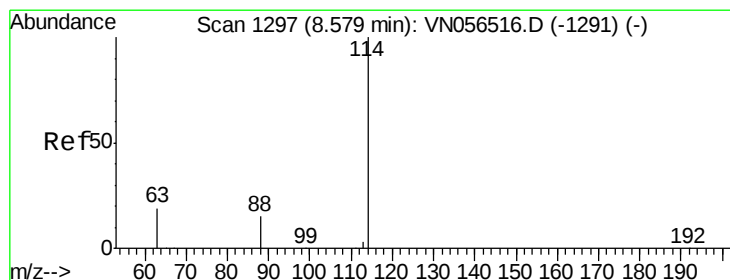
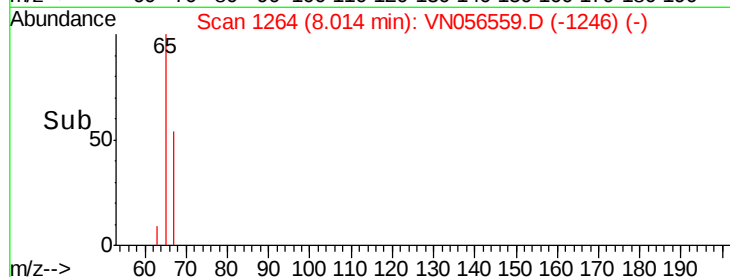
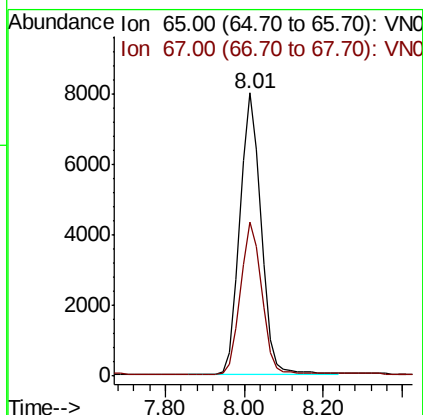
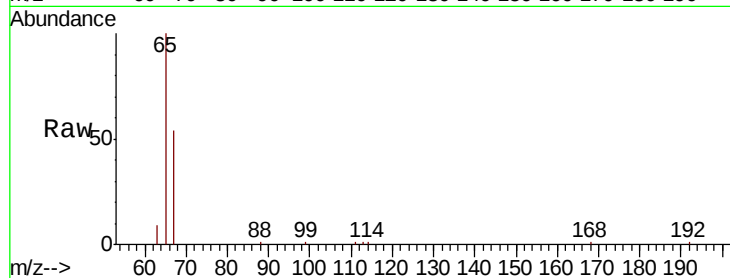
Lab File: VN056559.D

Acq: 28 Jun 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion: 65 Resp: 29518

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.8



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

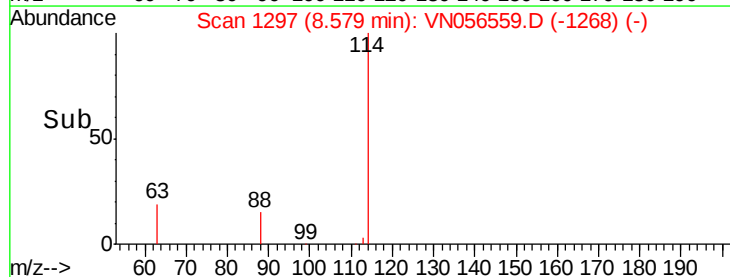
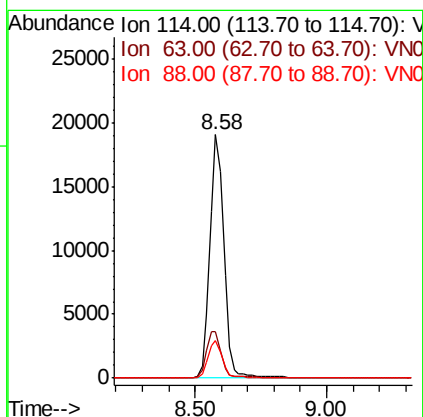
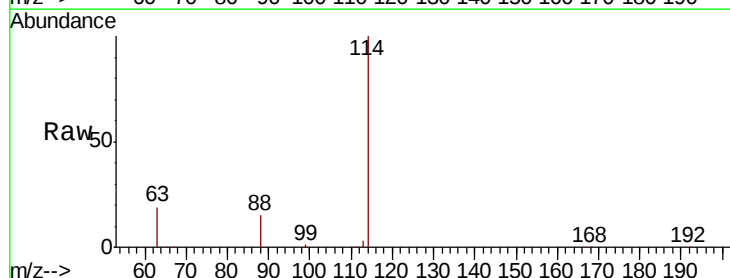
Delta R.T. 0.00 min

Lab File: VN056559.D

Acq: 28 Jun 2019 16:49

Tgt Ion: 114 Resp: 79681

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.6
88	15.4	0.0	31.2





#5

Dibromofluoromethane

Concen: 5.030 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056559.D

Acq: 28 Jun 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

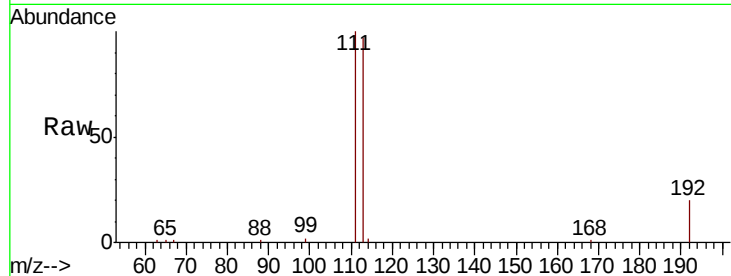
Tot Ion:113 Resp: 22094

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

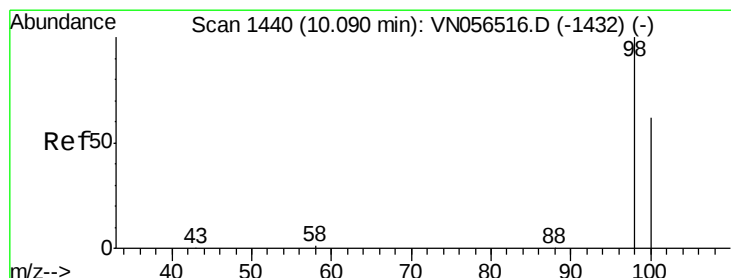
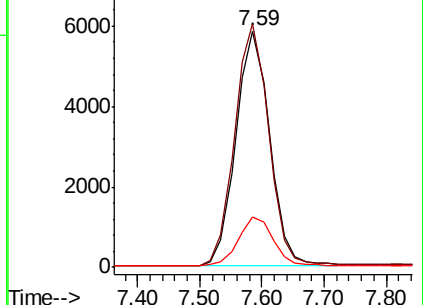
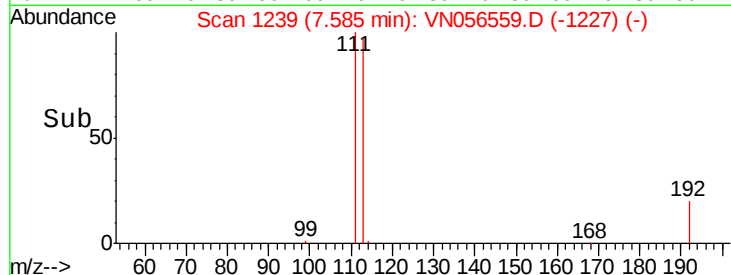
192 21.1 16.9 25.3



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: 4.894 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056559.D

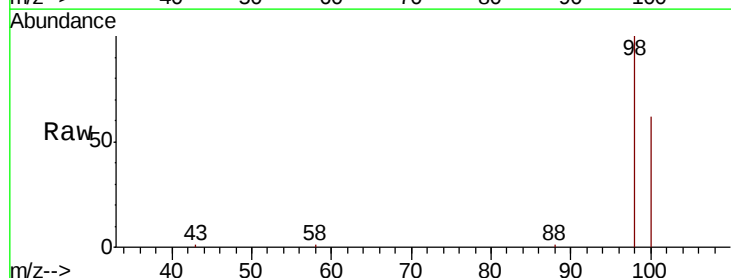
Acq: 28 Jun 2019 16:49

Tgt Ion: 98 Resp: 48647

Ion Ratio Lower Upper

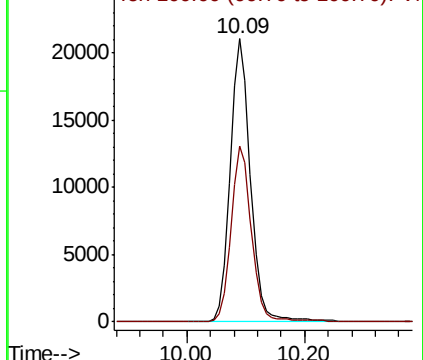
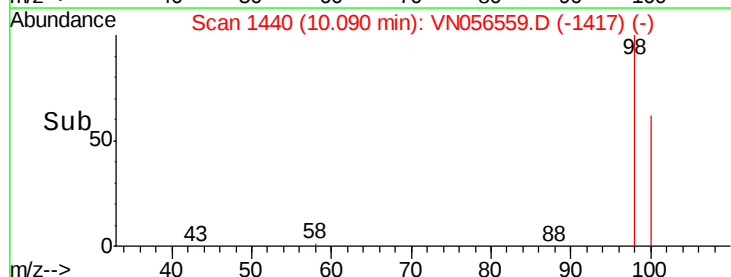
98 100

100 62.0 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: 4.785 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056559.D

Acq: 28 Jun 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

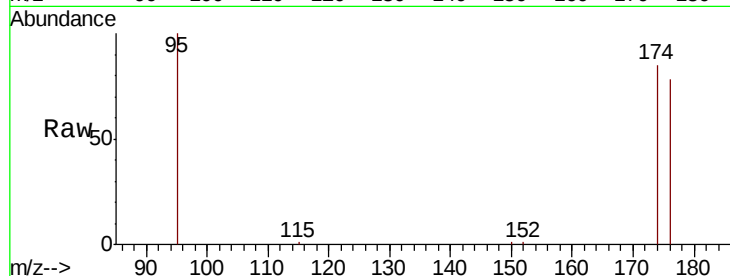
Tot Ion: 95 Resp: 12166

Ion Ratio Lower Upper

95 100

174 85.2 0.0 167.8

176 77.8 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) (-)

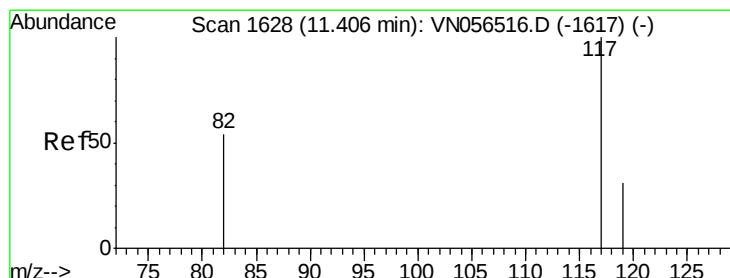
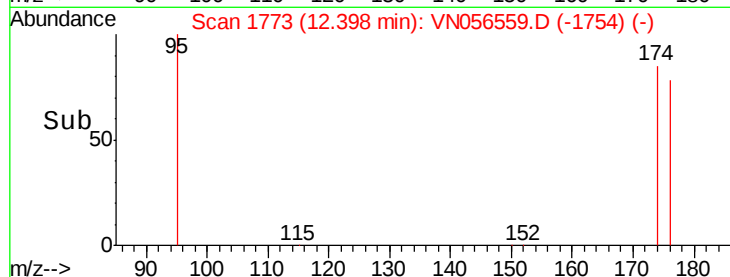
12.40

4000

2000

0

Time--> 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: VN056559.D

Acq: 28 Jun 2019 16:49

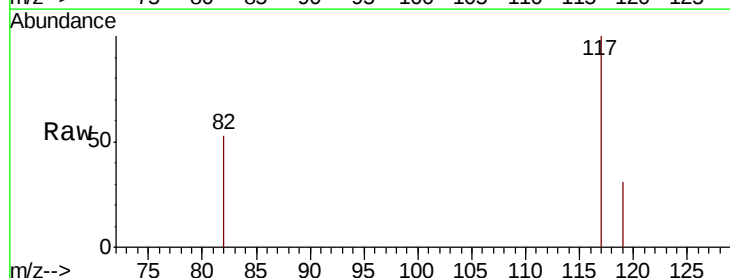
Tgt Ion: 117 Resp: 47883

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.0 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) (-)

11.41

30000

25000

20000

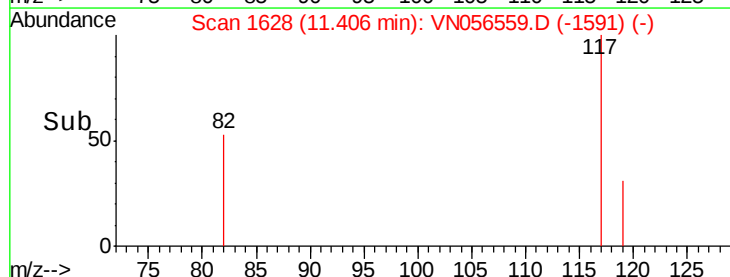
15000

10000

5000

0

Time--> 11.40 11.60





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056559.D

Acq: 28 Jun 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

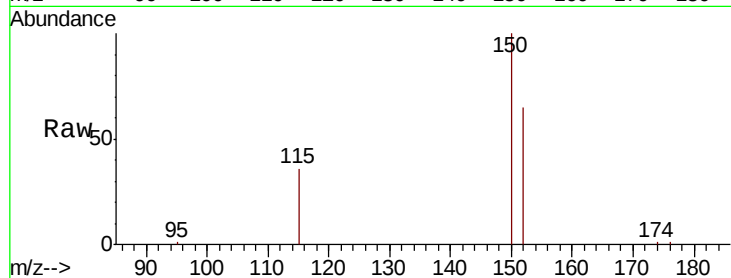
Tot Ion:152 Resp: 6899

Ion Ratio Lower Upper

152 100

115 54.8 27.0 80.8

150 153.6 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

