

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056643.D
 Acq On : 10 Jul 2019 14:01
 Operator : JC/SP
 Sample : K3636-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-LF3-TB1

Quant Time: Jul 11 05:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:54:57 2019
 Response via : Initial Calibration

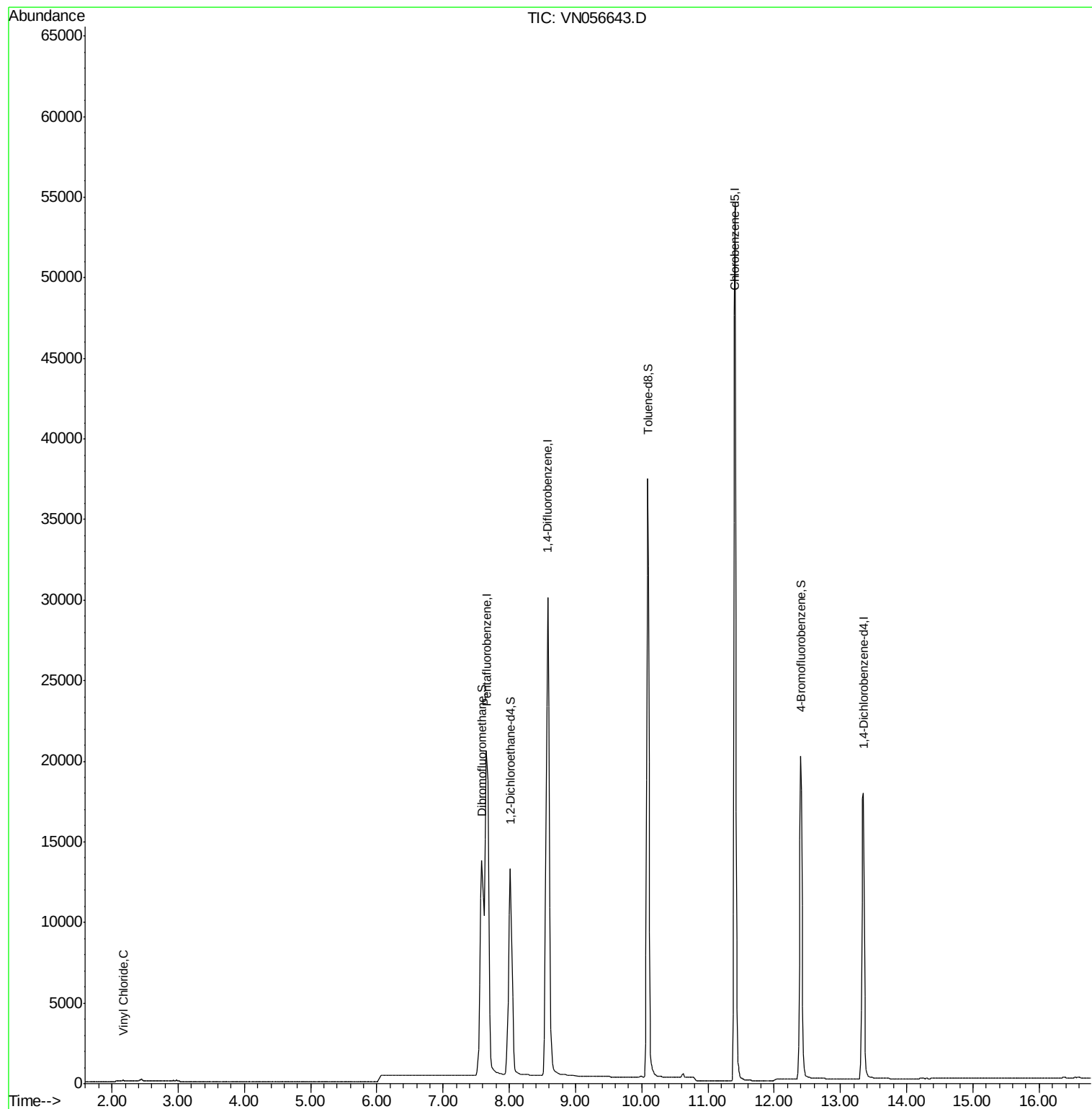
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	51194	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	76610	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	58787	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	14374	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	28787	4.69	ug/l	0.00
Spiked Amount 5.000	Range	81 - 118	Recovery	=	93.80%	
5) Dibromofluoromethane	7.59	113	22166	5.48	ug/l	0.00
Spiked Amount 5.000	Range	80 - 119	Recovery	=	109.60%	
6) Toluene-d8	10.09	98	52731	5.39	ug/l	0.00
Spiked Amount 5.000	Range	89 - 112	Recovery	=	107.80%	
7) 4-Bromofluorobenzene	12.40	95	18223	5.20	ug/l	0.00
Spiked Amount 5.000	Range	85 - 114	Recovery	=	104.00%	
Target Compounds						
2) Vinyl Chloride	2.17	62	65	0.013	ug/l #	1

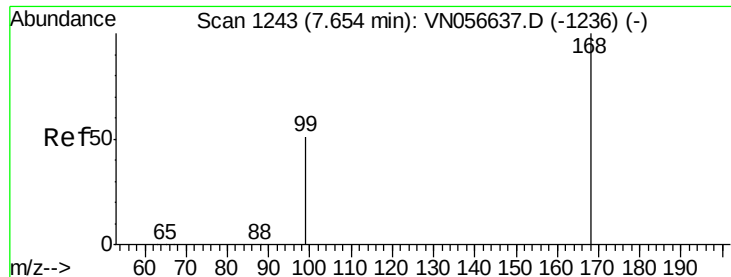
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056643.D

Acq: 10 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

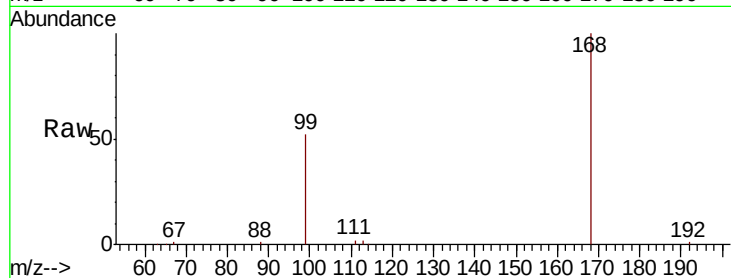
SP19-LF3-TB1

Tot Ion:168 Resp: 51194

Ion Ratio Lower Upper

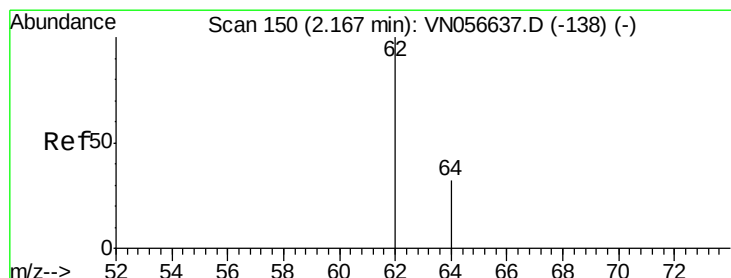
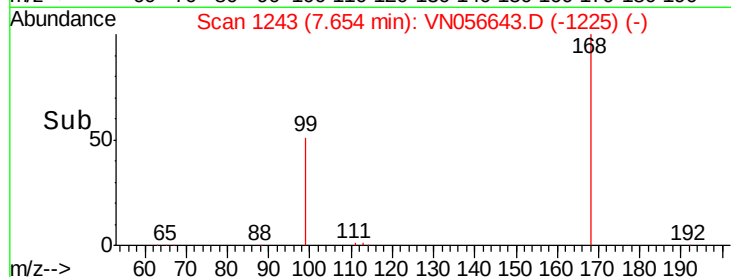
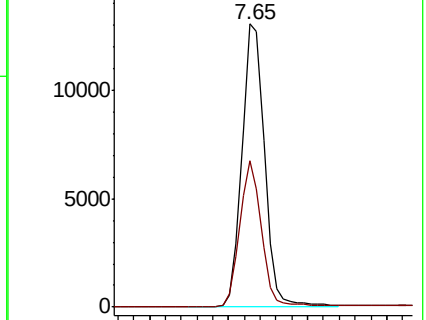
168 100

99 51.6 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 0.013 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056643.D

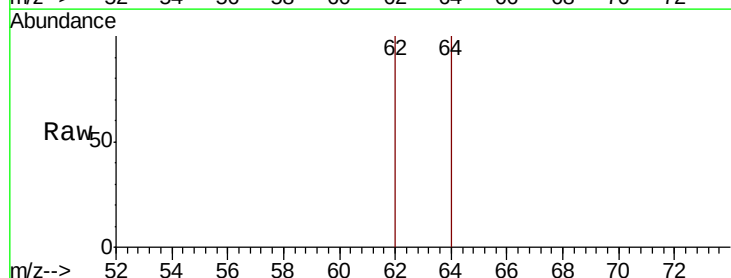
Acq: 10 Jul 2019 14:01

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

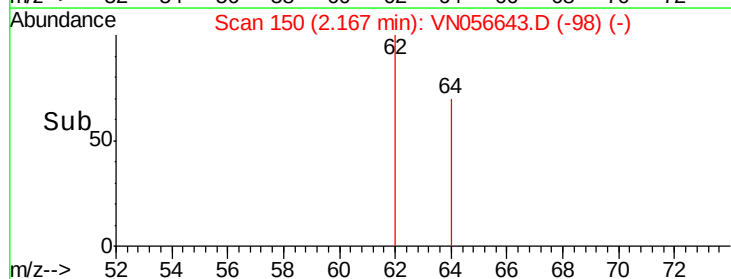
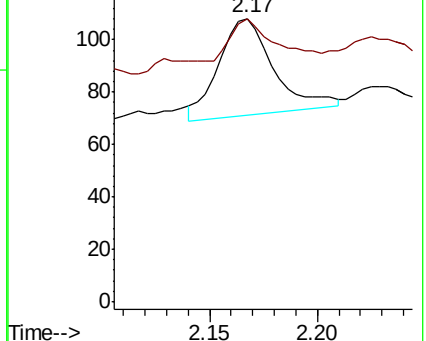
62 100

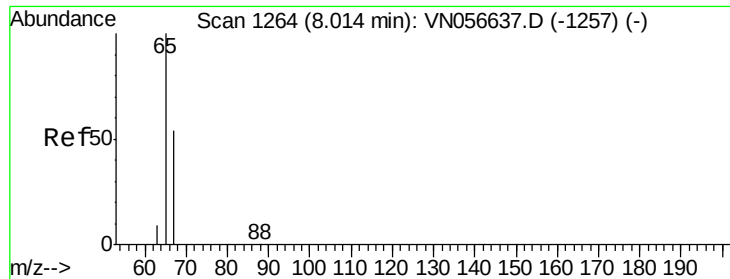
64 100.0 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 4.688 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

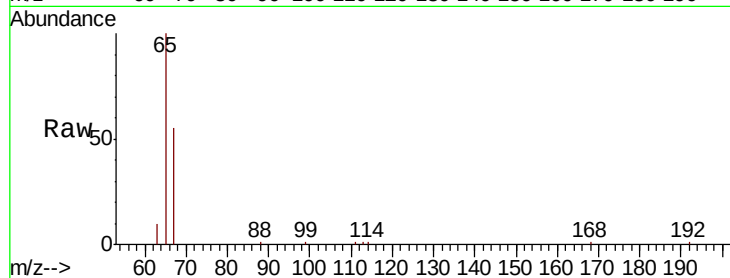
SP19-LF3-TB1

Tot Ion: 65 Resp: 28787

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056643.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056643.D (-1257) (-)

8.01

8000

6000

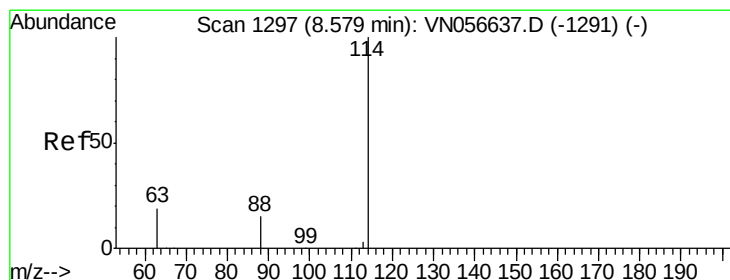
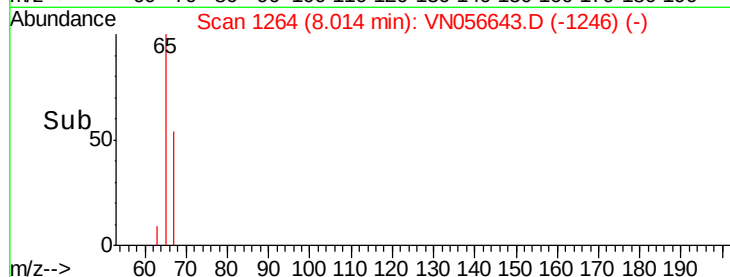
4000

2000

0

7.80 8.00 8.20

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

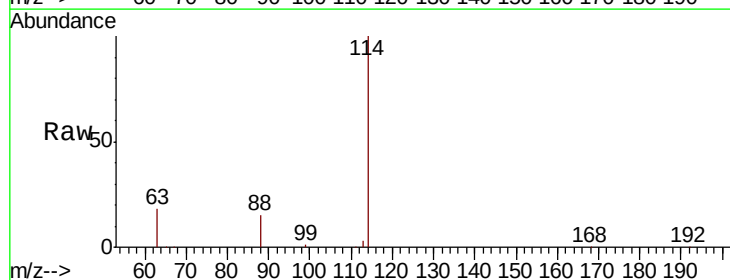
Tgt Ion: 114 Resp: 76610

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

88 15.3 0.0 30.8



Abundance Ion 114.00 (113.70 to 114.70): VN056643.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056643.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056643.D (-1291) (-)

8.58

30000

25000

20000

15000

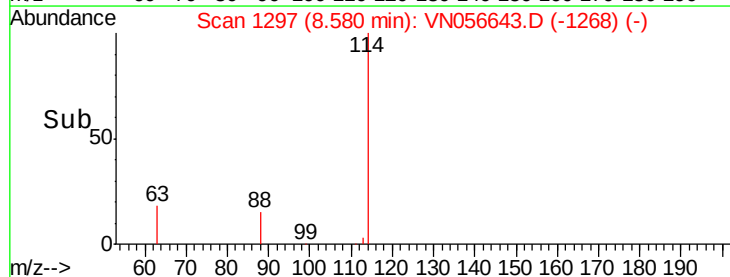
10000

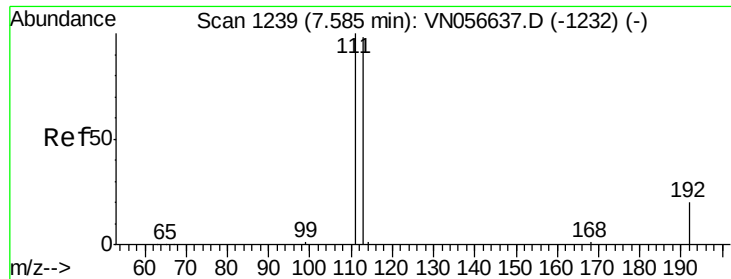
5000

0

8.40 8.60 8.80 9.00

Time-->





#5

Dibromofluoromethane

Concen: 5.480 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3-TB1

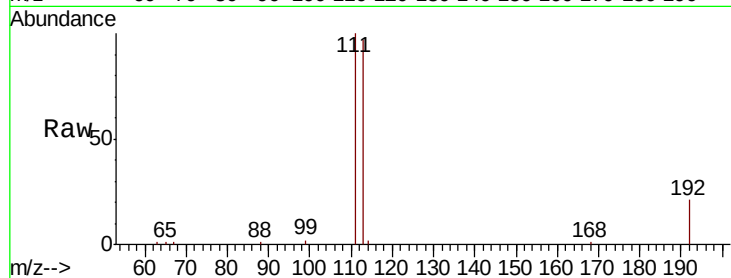
Tot Ion:113 Resp: 22166

Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

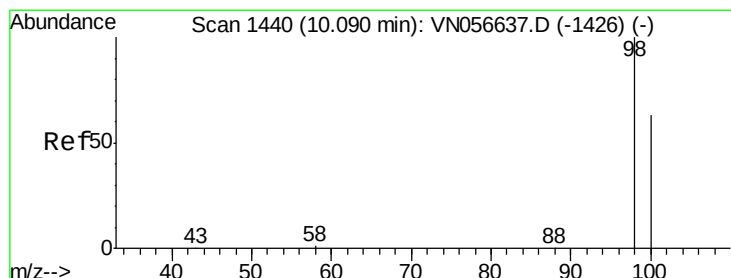
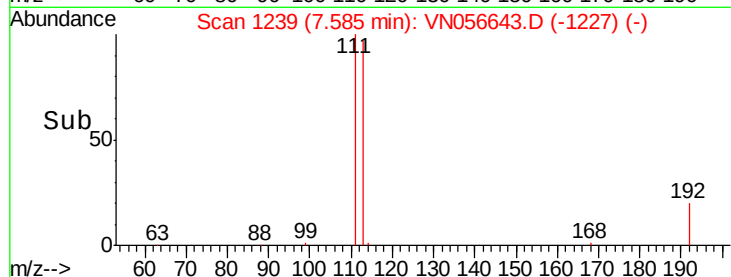
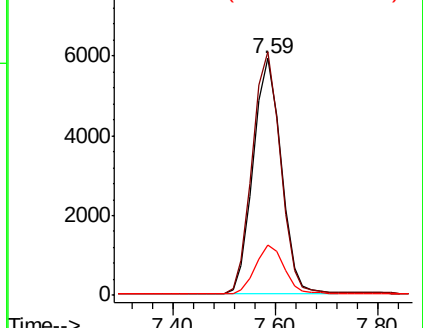
192 21.4 16.9 25.3



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: 5.391 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056643.D

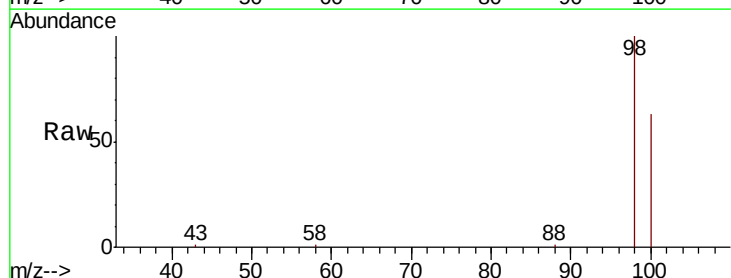
Acq: 10 Jul 2019 14:01

Tgt Ion: 98 Resp: 52731

Ion Ratio Lower Upper

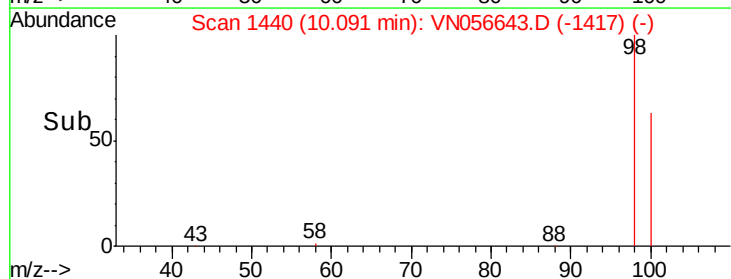
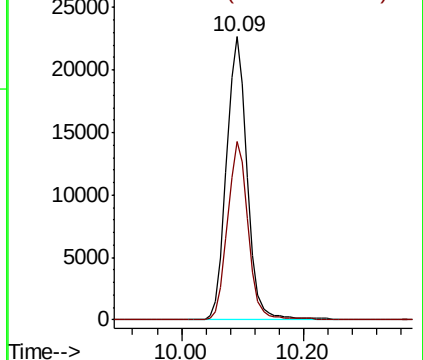
98 100

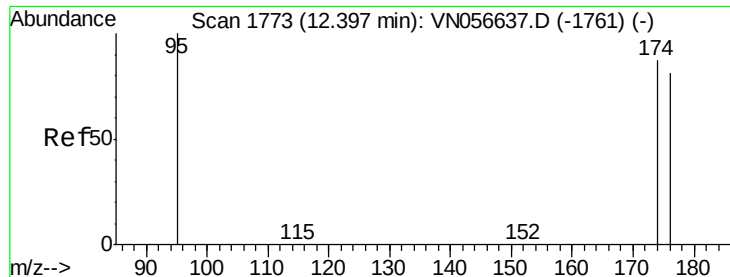
100 62.9 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.201 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3-TB1

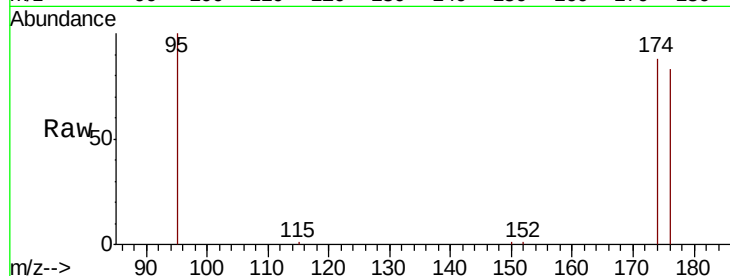
Tot Ion: 95 Resp: 18223

Ion Ratio Lower Upper

95 100

174 88.3 0.0 174.2

176 82.6 0.0 162.0

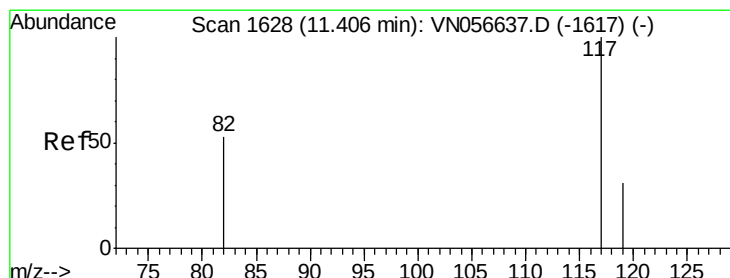
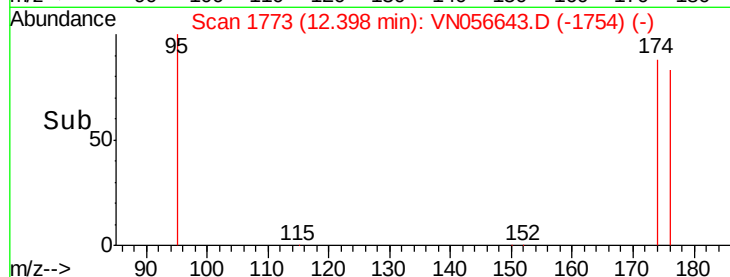


Abundance Ion 95.00 (94.70 to 95.70): VN056643.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056643.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056643.D (-1761) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

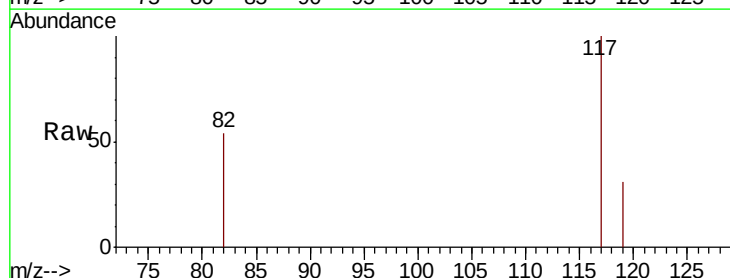
Tgt Ion: 117 Resp: 58787

Ion Ratio Lower Upper

117 100

82 53.5 42.6 63.8

119 31.1 25.0 37.6

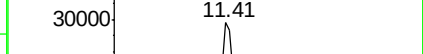
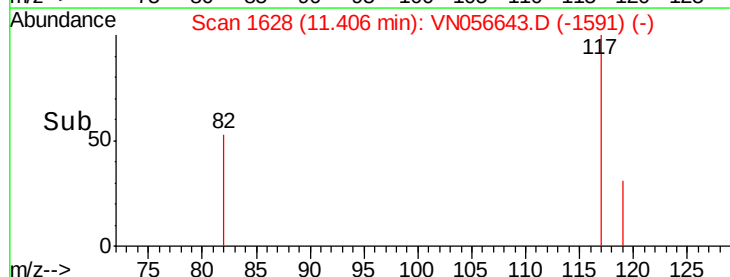


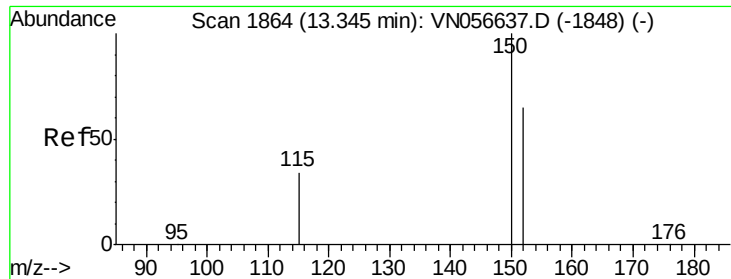
Abundance Ion 117.00 (116.70 to 117.70): VN056643.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056643.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056643.D (-1591) (-)

Time-->





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056643.D

Acq: 10 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3-TB1

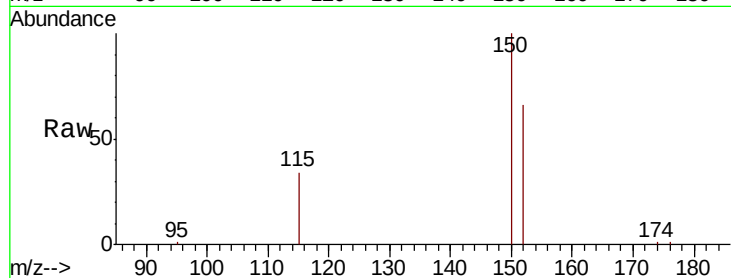
Tot Ion:152 Resp: 14374

Ion Ratio Lower Upper

152 100

115 52.3 26.5 79.4

150 151.7 0.0 306.0



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

