

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056547.D
 Acq On : 28 Jun 2019 12:08
 Operator : JC/SP
 Sample : K3519-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:30:57 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	48001	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	83205	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	49560	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	7404	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	30918	5.26	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.20%
5) Dibromofluoromethane	7.59	113	23238	5.07	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.40%
6) Toluene-d8	10.09	98	50734	4.89	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.80%
7) 4-Bromofluorobenzene	12.39	95	12740	4.80	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.00%

Target Compounds

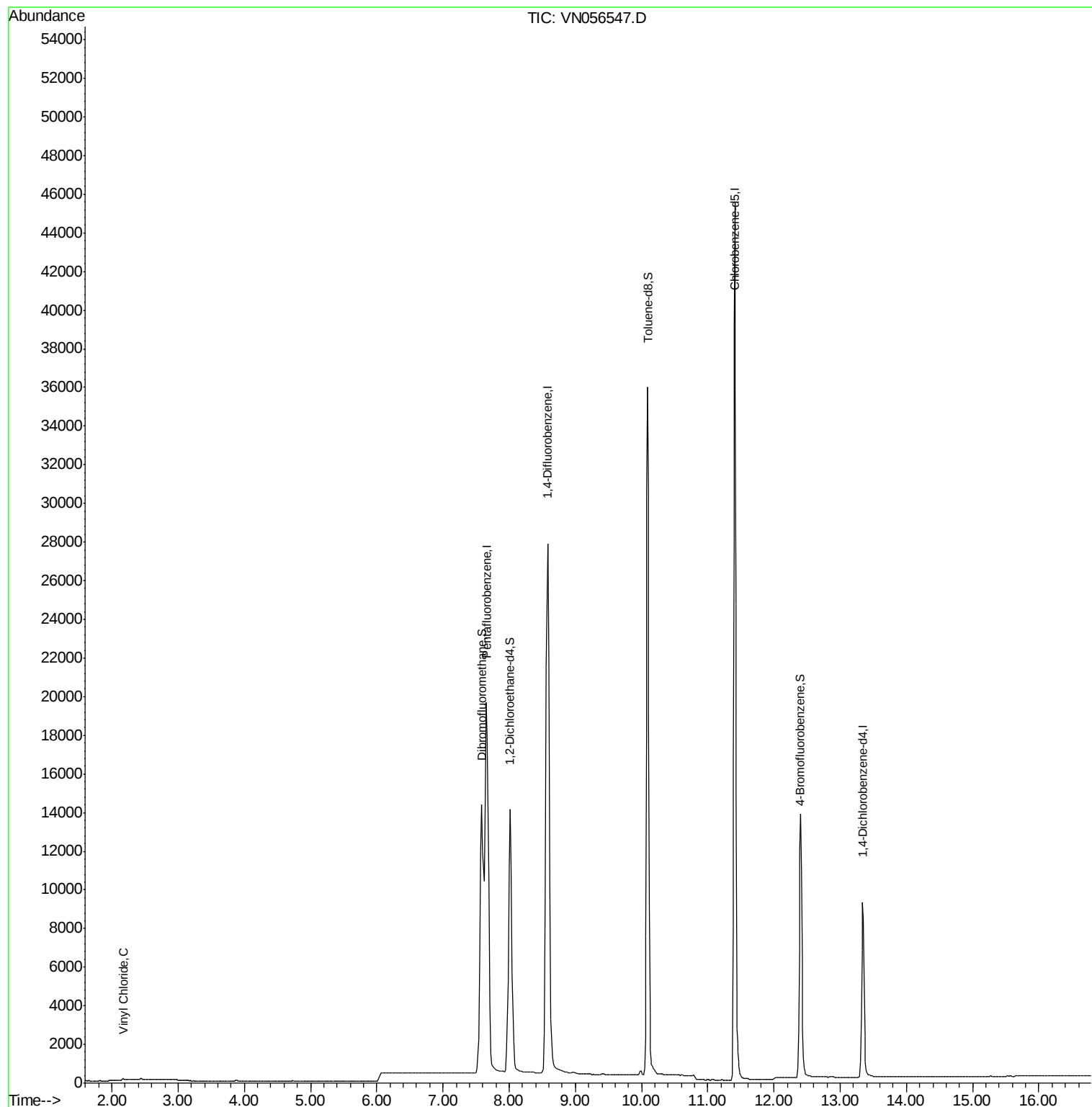
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	101	0.021	ug/l #	10

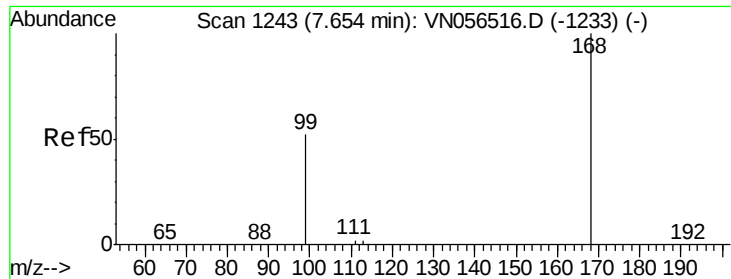
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056547.D

Acq: 28 Jun 2019 12:08

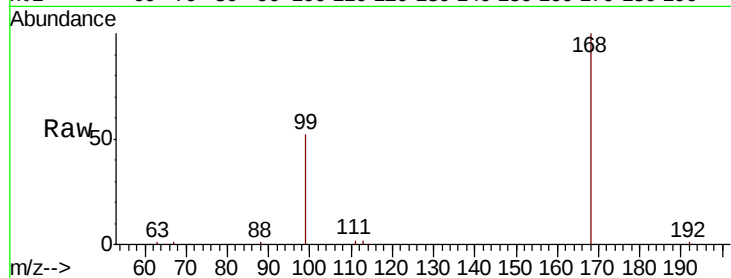
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 48001

Ion Ratio Lower Upper

168 100

99 52.2 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) (-)

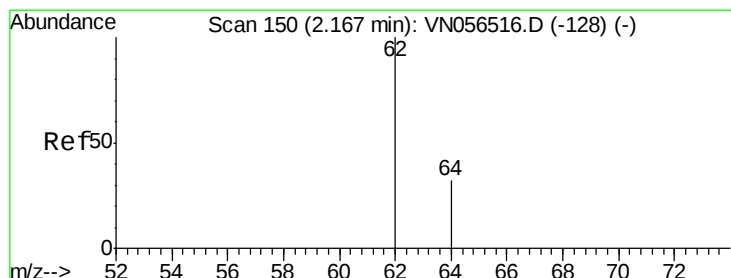
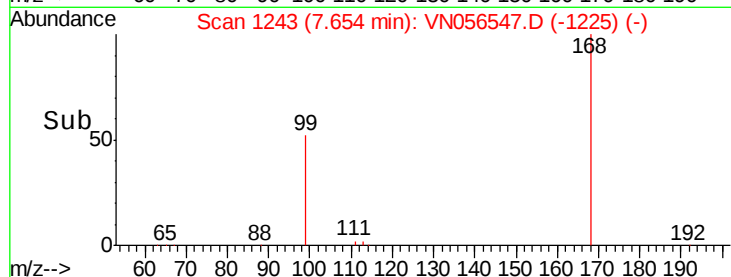
7.65

10000

5000

0

Time-->



#2

Vinyl Chloride

Concen: 0.021 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056547.D

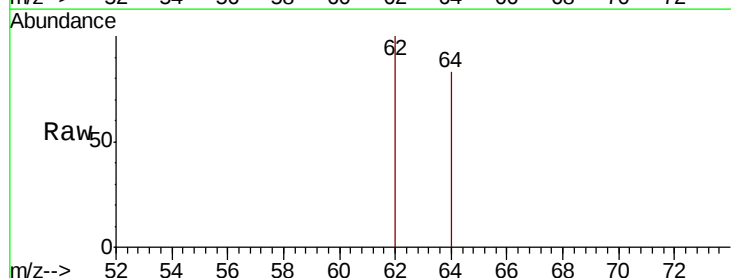
Acq: 28 Jun 2019 12:08

Tgt Ion: 62 Resp: 101

Ion Ratio Lower Upper

62 100

64 83.1 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

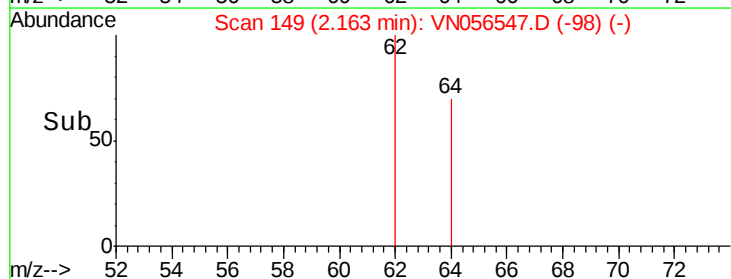
150

100

50

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.258 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

Instrument :

MSVOA_N

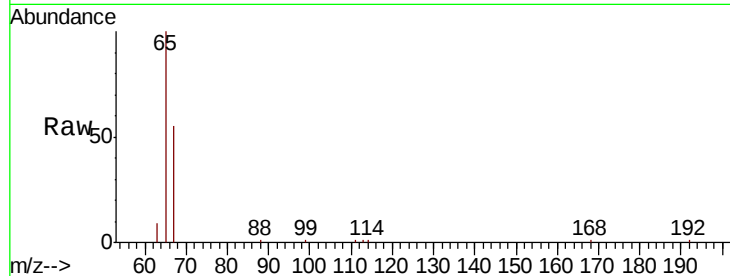
ClientSampleId :

Tot Ion: 65 Resp: 30918

Ion Ratio Lower Upper

65 100

67 54.5 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

8000

6000

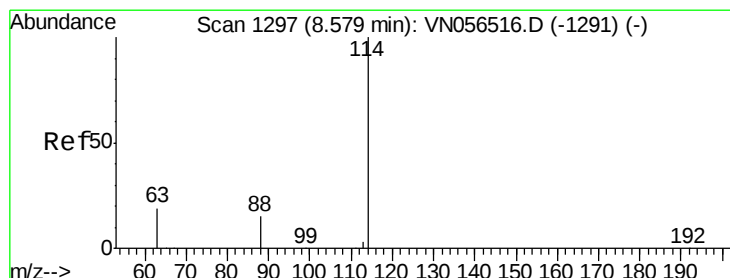
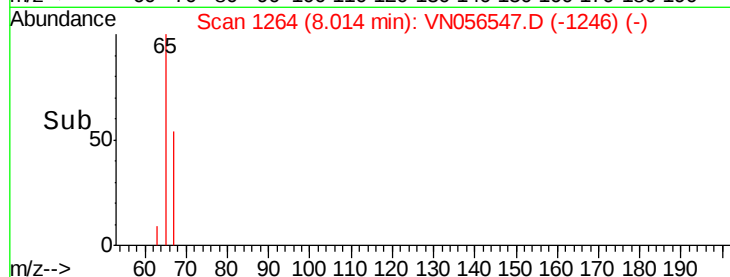
4000

2000

0

7.80 8.00 8.20 8.40

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

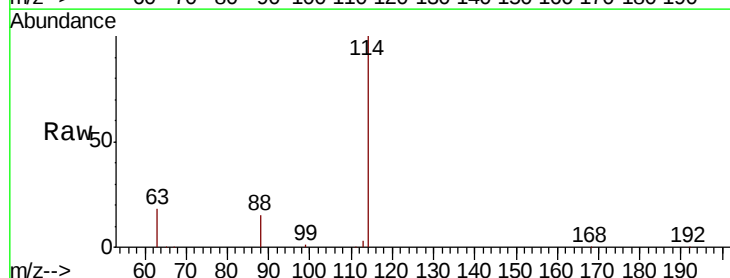
Tgt Ion: 114 Resp: 83205

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.6

88 15.2 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

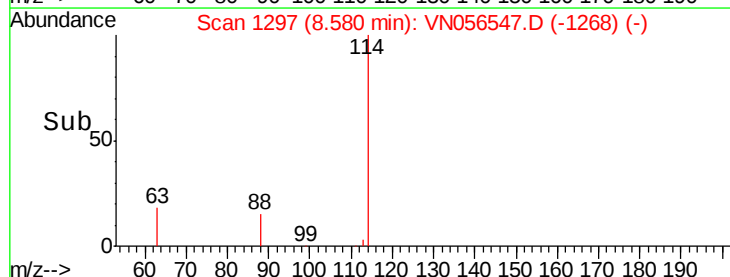
10000

5000

0

8.50 9.00

Time-->





#5

Dibromofluoromethane

Concen: 5.066 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

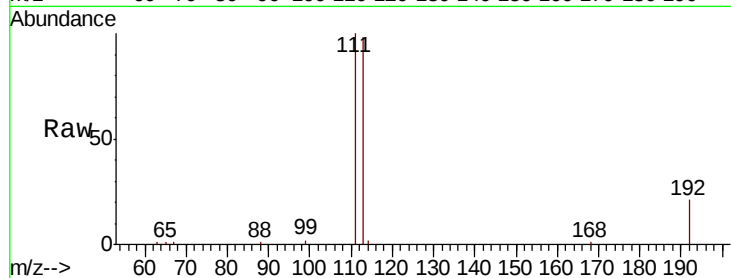
Tot Ion: 113 Resp: 23238

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

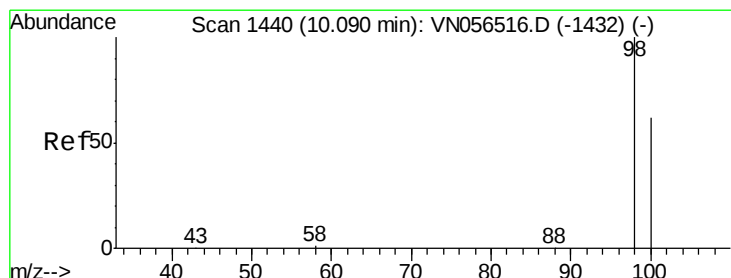
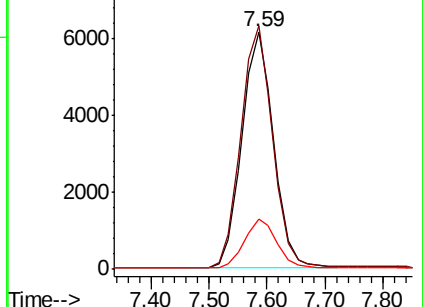
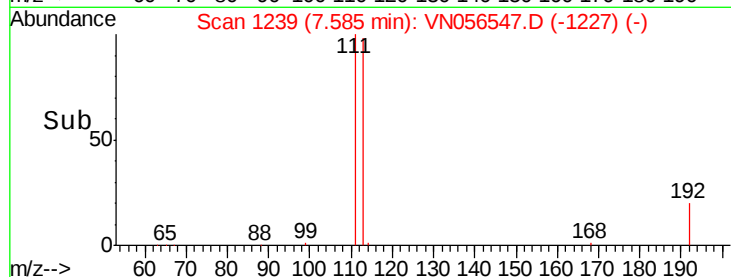
192 21.1 16.9 25.3



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: 4.888 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056547.D

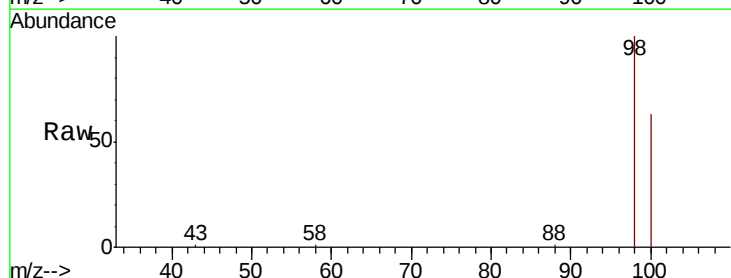
Acq: 28 Jun 2019 12:08

Tgt Ion: 98 Resp: 50734

Ion Ratio Lower Upper

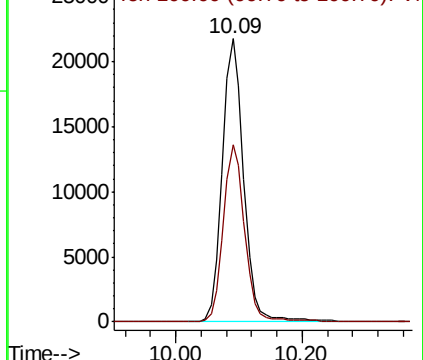
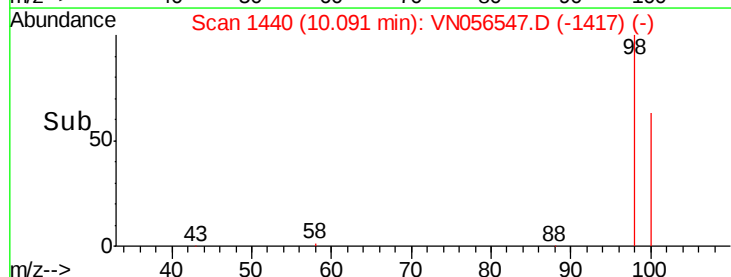
98 100

100 62.7 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: 4.799 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

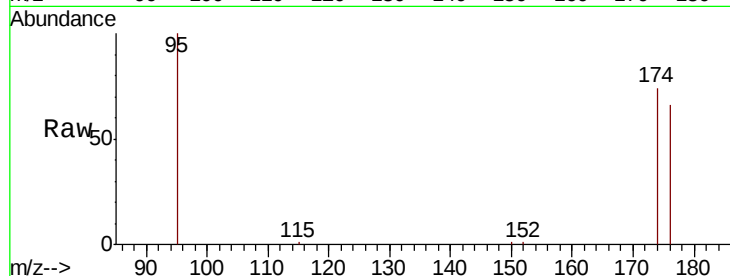
Tot Ion: 95 Resp: 12740

Ion Ratio Lower Upper

95 100

174 74.1 0.0 167.8

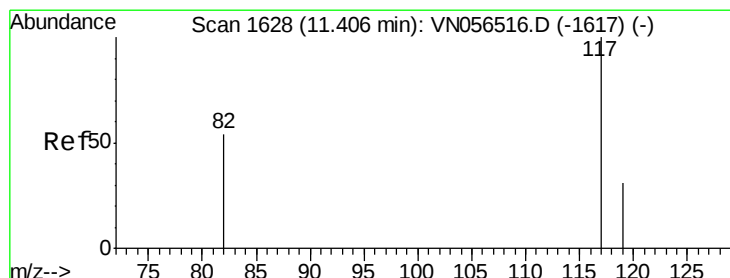
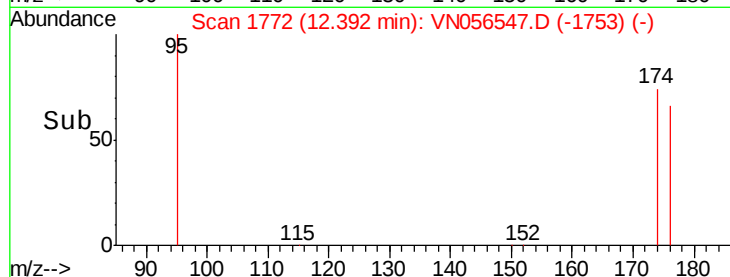
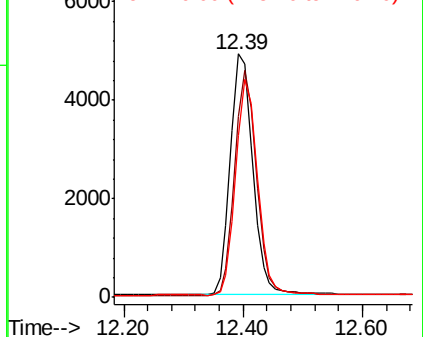
176 66.3 0.0 158.0



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

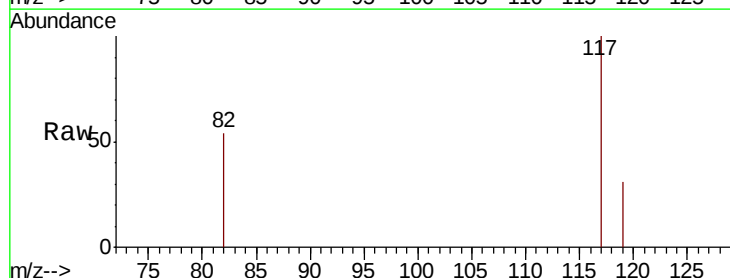
Tgt Ion: 117 Resp: 49560

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

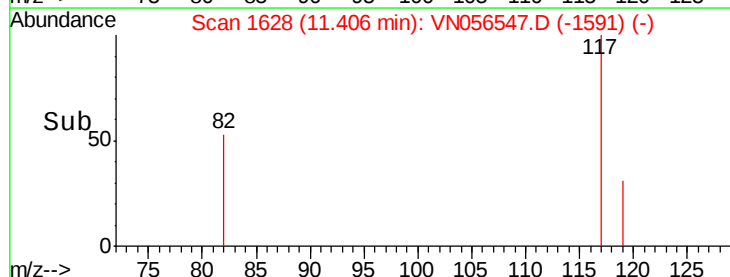
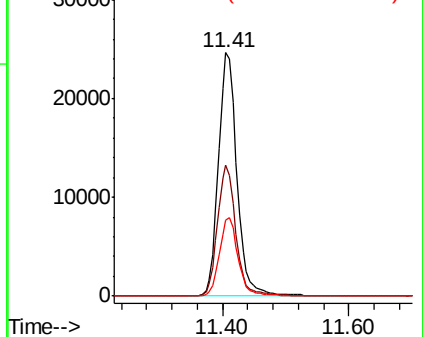
119 31.3 24.7 37.1

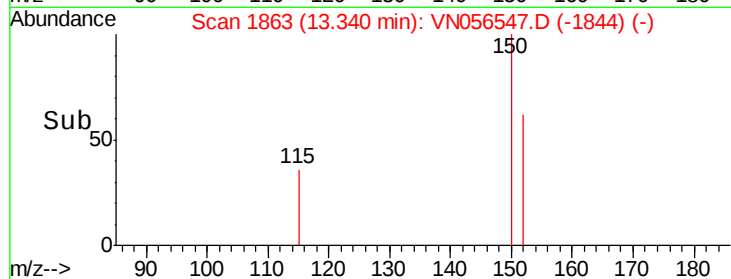
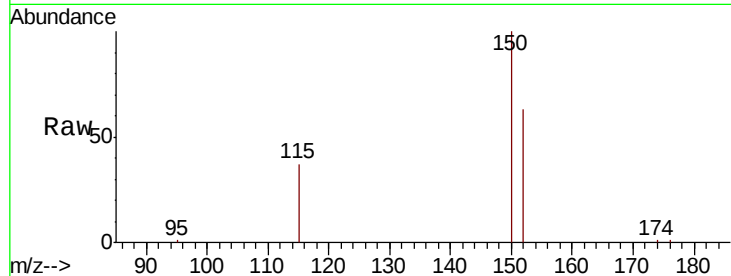


Abundance Ion 117.00 (116.70 to 117.70): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): VN0





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056547.D

Acq: 28 Jun 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 7404

Ion Ratio Lower Upper

152 100

115 58.8 27.0 80.8

150 159.3 0.0 306.6

