

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056543.D
 Acq On : 28 Jun 2019 10:10
 Operator : JC/SP
 Sample : 0.1ppb LOO
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 0.1ppb LOQ

Quant Time: Jun 28 23:30:31 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	51487	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	87402	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53630	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	8119	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	32069	5.08	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.60%
5) Dibromofluoromethane	7.59	113	24073	5.00	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.00%
6) Toluene-d8	10.09	98	53281	4.89	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.80%
7) 4-Bromofluorobenzene	12.39	95	13985	5.01	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	100.20%

Target Compounds

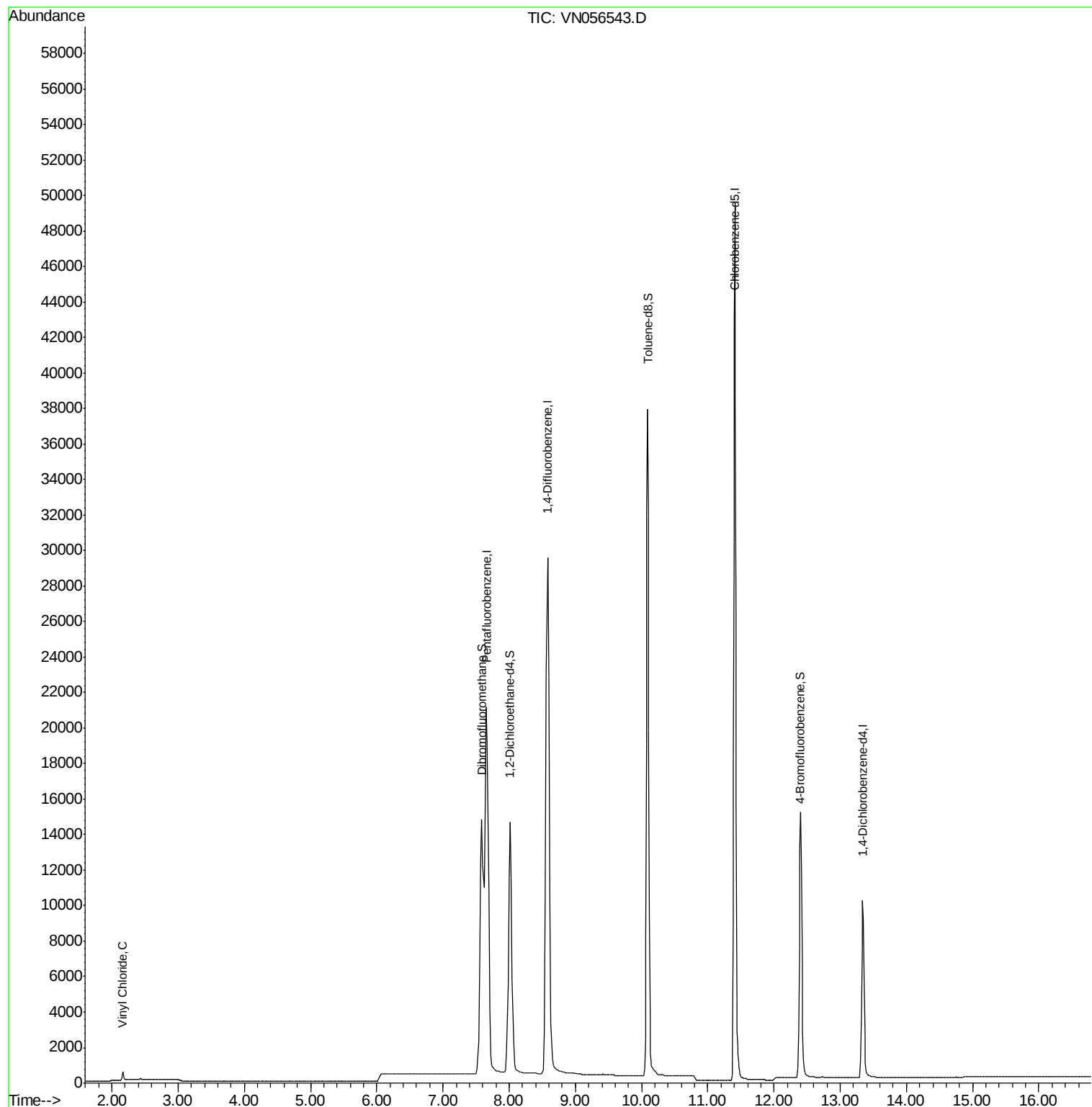
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	535	0.104	ug/l #	70

(#) = 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: VN056543.D

Acq: 28 Jun 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

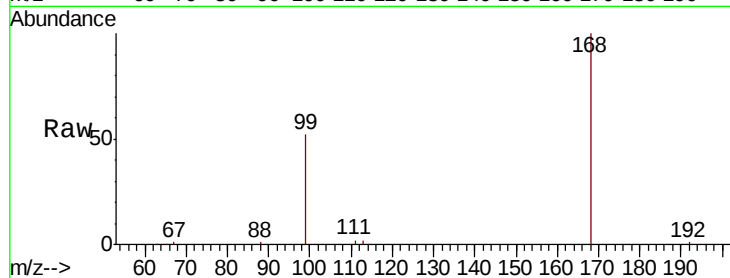
0.1ppb LOQ

Tot Ion:168 Resp: 51487

Ion Ratio Lower Upper

168 100

99 51.8 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

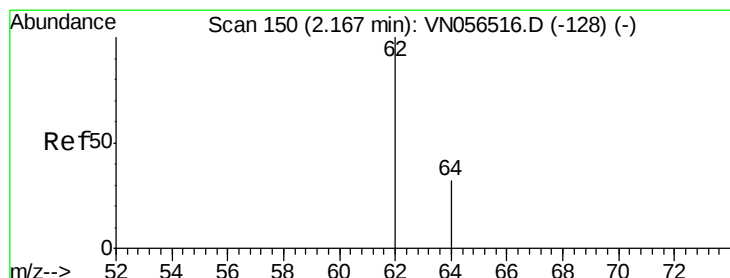
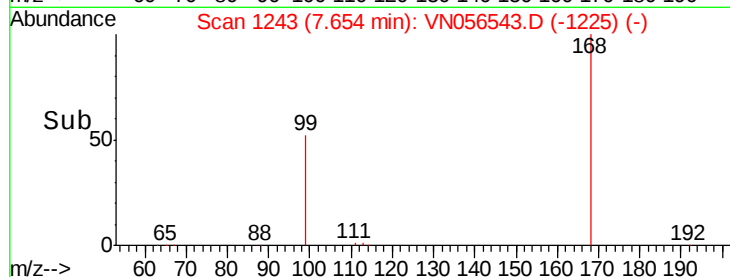
15000

10000

5000

0

Time-->



#2

Vinyl Chloride

Concen: 0.104 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056543.D

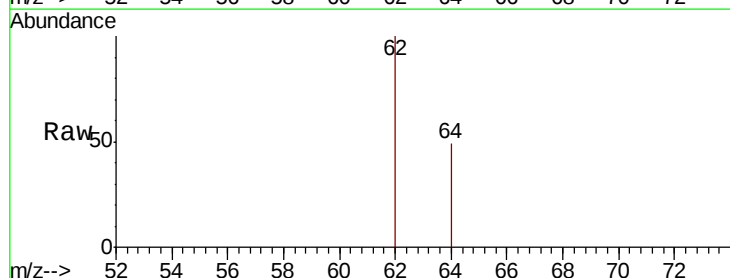
Acq: 28 Jun 2019 10:10

Tgt Ion: 62 Resp: 535

Ion Ratio Lower Upper

62 100

64 49.3 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

400

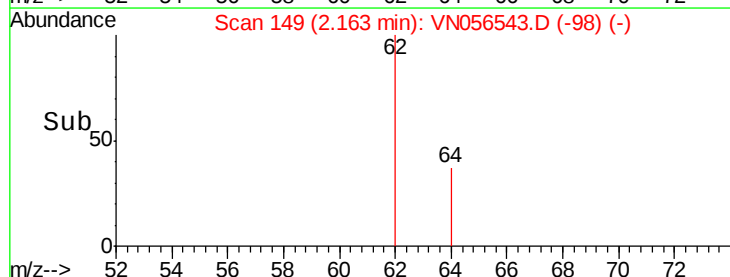
300

200

100

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.085 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056543.D

Acq: 28 Jun 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

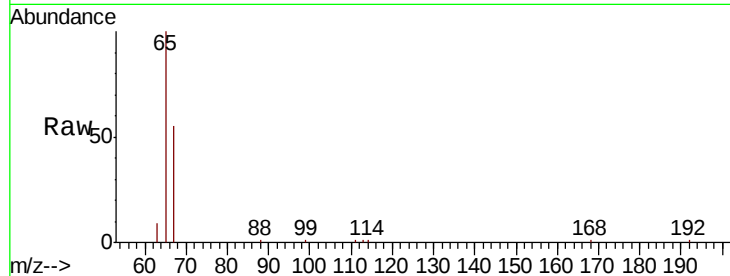
0.1ppb LOQ

Tot Ion: 65 Resp: 32069

Ion Ratio Lower Upper

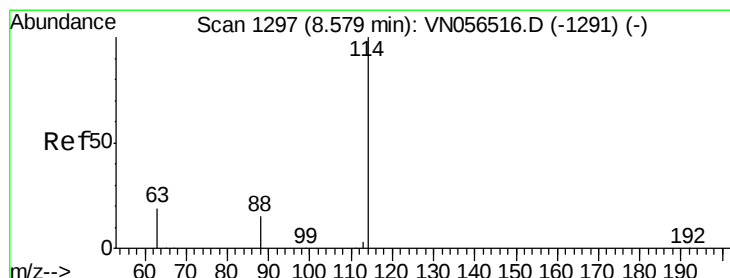
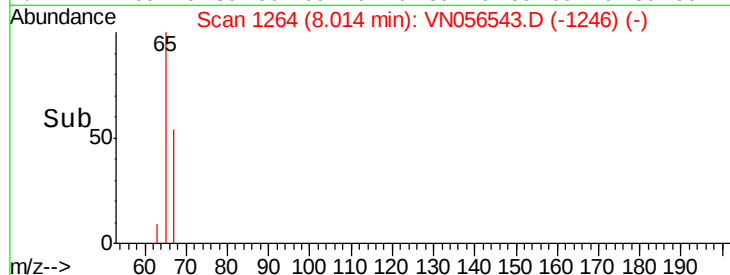
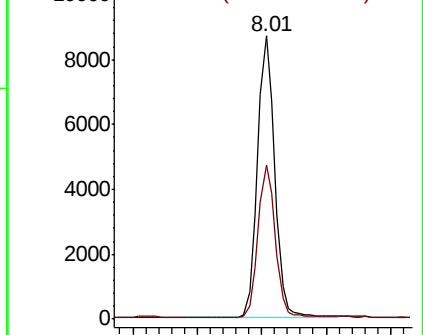
65 100

67 54.7 0.0 108.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056543.D

Acq: 28 Jun 2019 10:10

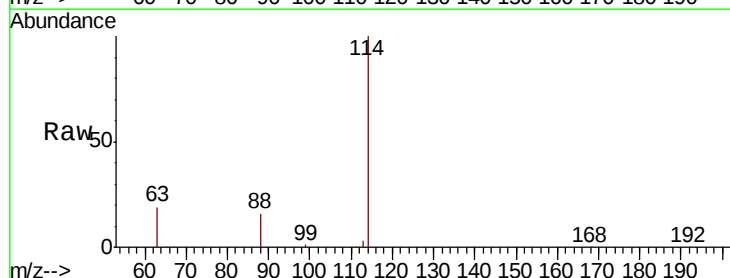
Tgt Ion: 114 Resp: 87402

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

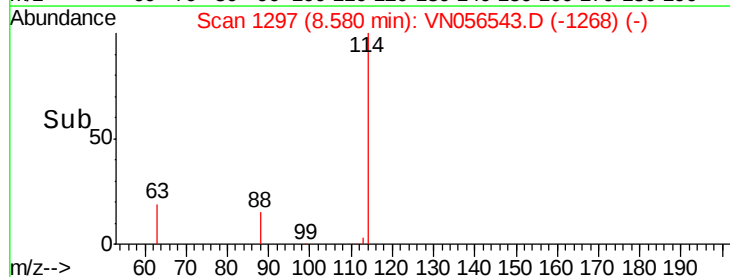
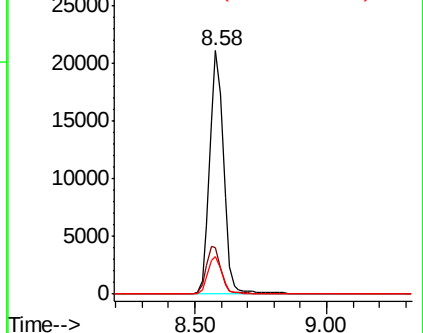
88 15.5 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 4.996 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056543.D

Acq: 28 Jun 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

0.1ppb LOQ

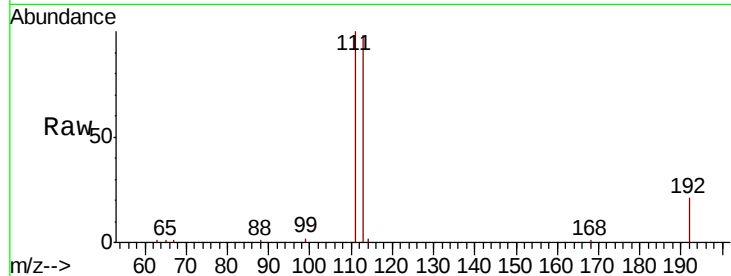
Tot Ion:113 Resp: 24073

Ion Ratio Lower Upper

113 100

111 101.6 81.7 122.5

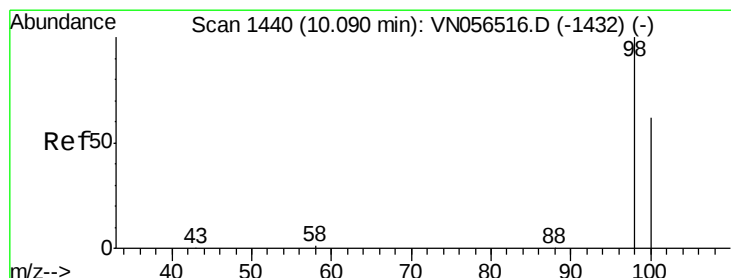
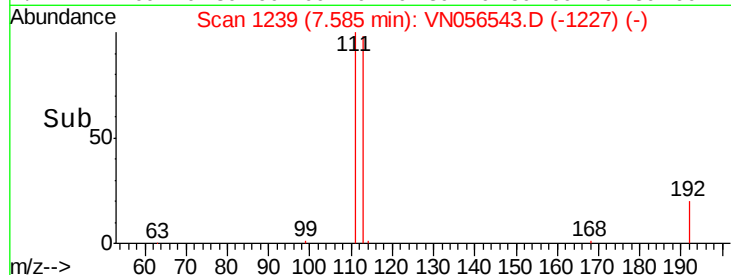
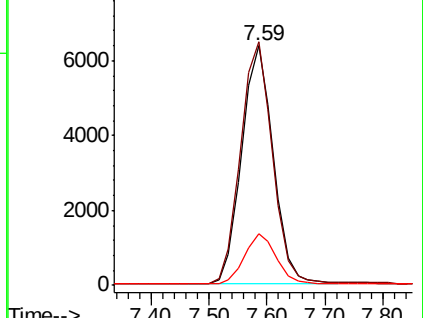
192 21.3 16.9 25.3



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: 4.887 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056543.D

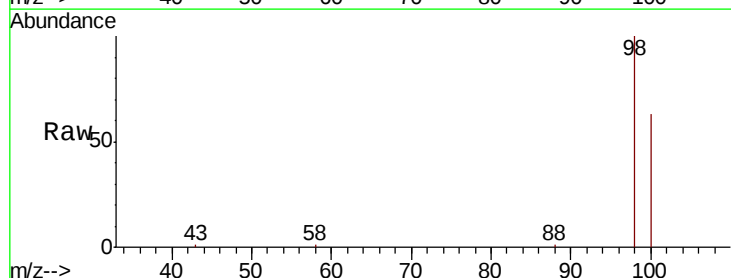
Acq: 28 Jun 2019 10:10

Tgt Ion: 98 Resp: 53281

Ion Ratio Lower Upper

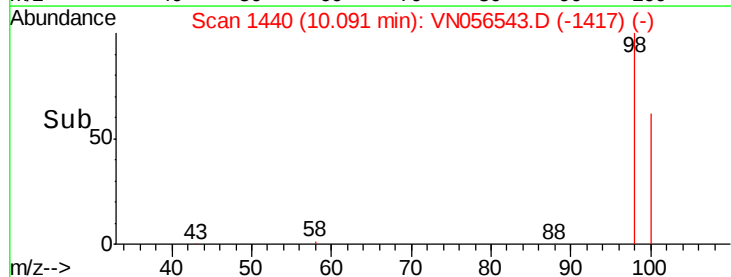
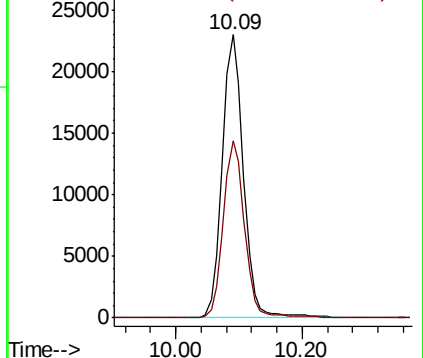
98 100

100 62.5 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: 5.015 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056543.D

Acq: 28 Jun 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

0.1ppb LOQ

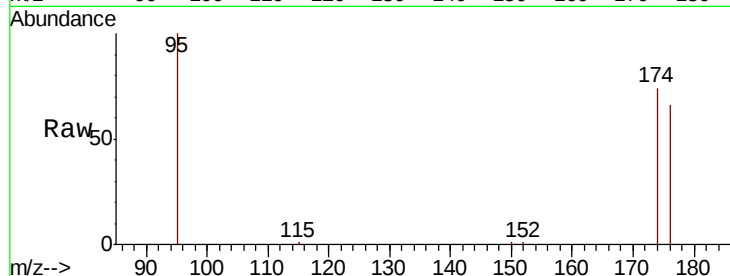
Tot Ion: 95 Resp: 13985

Ion Ratio Lower Upper

95 100

174 73.8 0.0 167.8

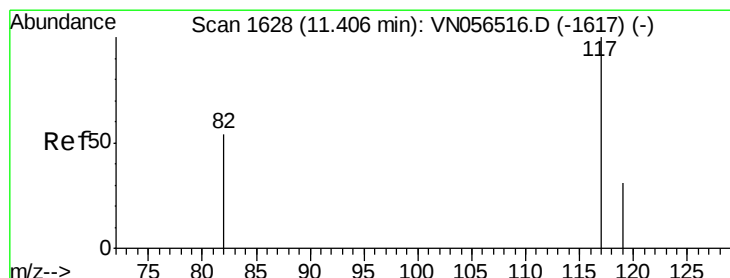
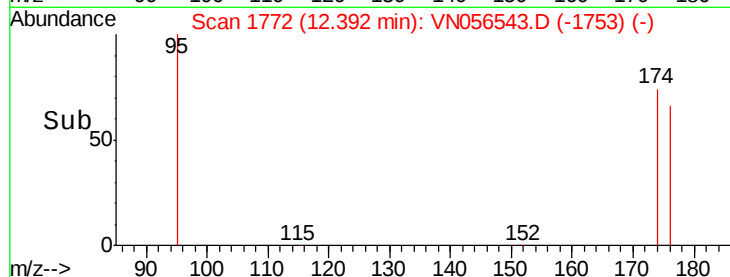
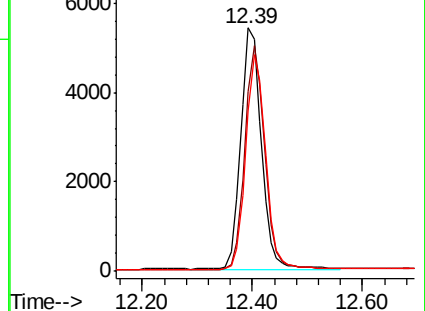
176 66.0 0.0 158.0



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: VN056543.D

Acq: 28 Jun 2019 10:10

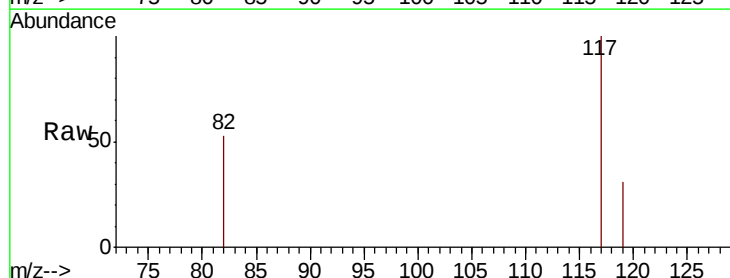
Tgt Ion: 117 Resp: 53630

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

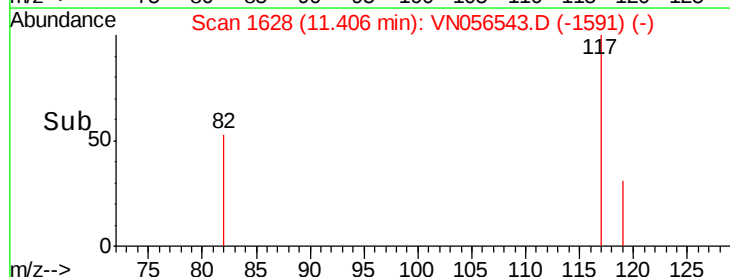
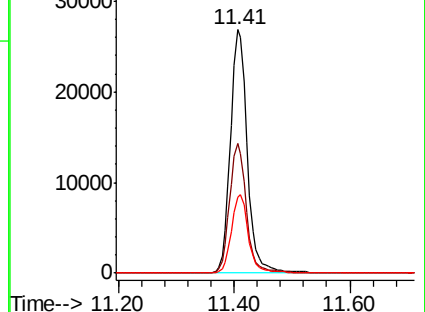
119 31.3 24.7 37.1



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: VN056543.D

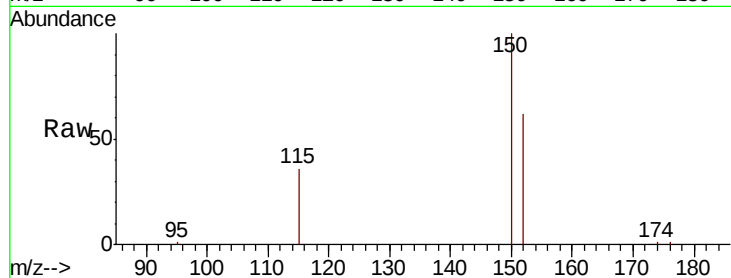
Acq: 28 Jun 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

0.1ppb LOQ



Tot Ion:152 Resp: 8119

Ion Ratio Lower Upper

152 100

115 58.4 27.0 80.8

150 160.7 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

