

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056907.D
 Acq On : 24 Jul 2019 12:36
 Operator : JC/SP
 Sample : VSSTDICC008
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC008

Quant Time: Jul 25 01:13:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072519SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 25 01:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	49138	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	80846	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	49844	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	8407	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	45348	7.74	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	154.80%#
5) Dibromofluoromethane	7.58	113	37326	8.56	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	171.20%#
6) Toluene-d8	10.09	98	79200	7.75	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	155.00%#
7) 4-Bromofluorobenzene	12.39	95	21289	6.09	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	121.80%#

Target Compounds

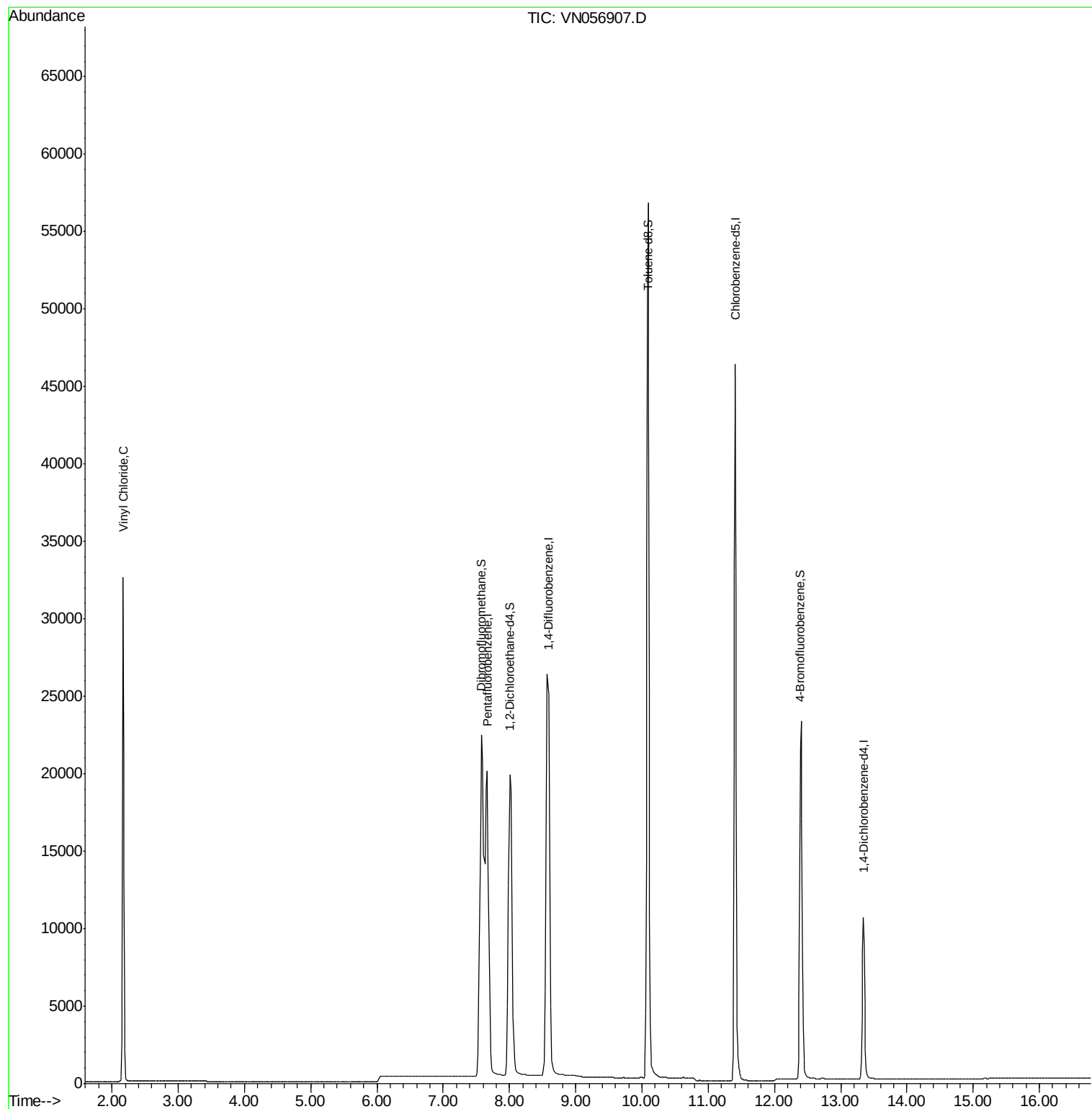
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	37315	8.071	ug/l	99

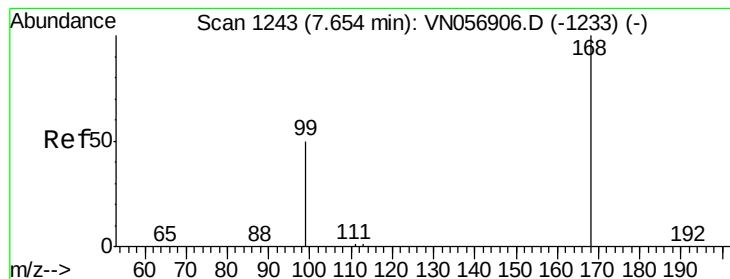
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

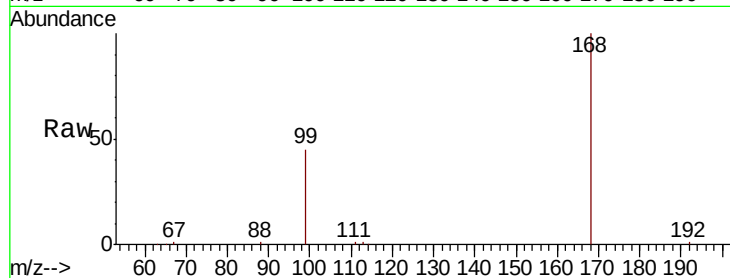
VSSTDICC008

Tot Ion:168 Resp: 49138

Ion Ratio Lower Upper

168 100

99 45.1 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): VN056907.D (-1224) (-)

Ion 99.00 (98.70 to 99.70): VN056907.D (-1224) (-)

7.66

15000

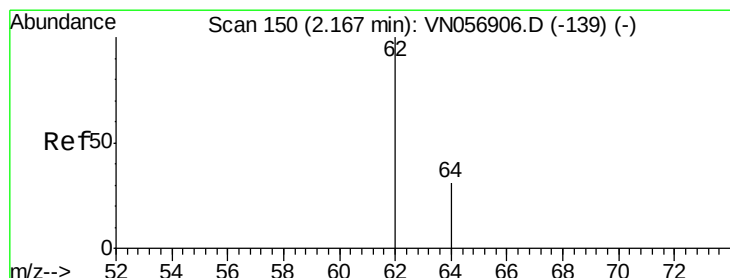
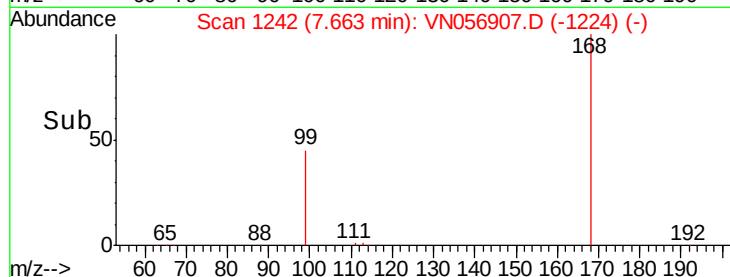
10000

5000

0

7.40 7.60 7.80 8.00

Time-->



#2

Vinyl Chloride

Concen: 8.071 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056907.D

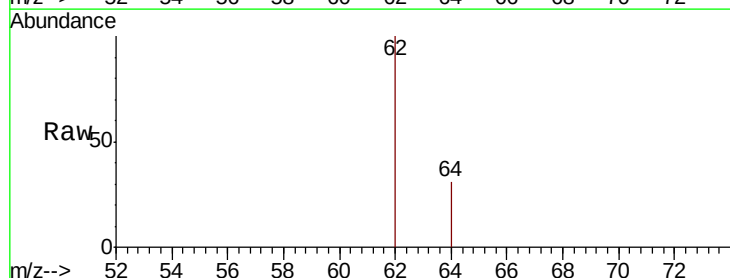
Acq: 24 Jul 2019 12:36

Tgt Ion: 62 Resp: 37315

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VN056907.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056907.D (-98) (-)

2.17

25000

20000

15000

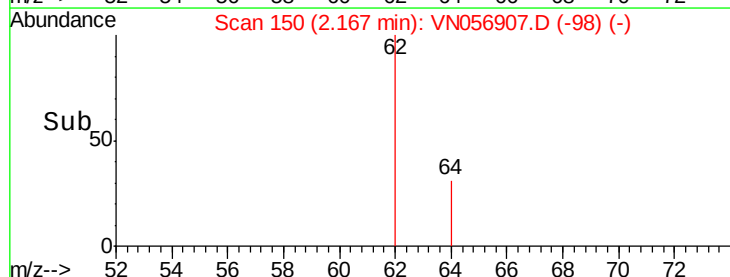
10000

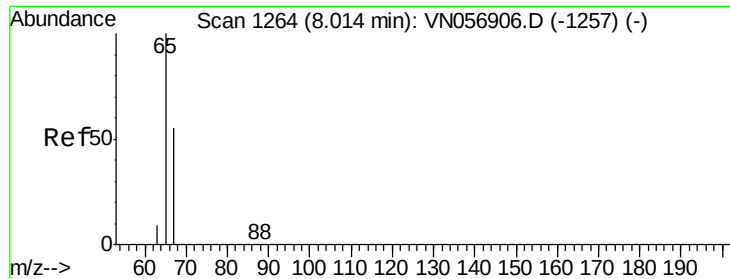
5000

0

2.10 2.20 2.30

Time-->





#3

1,2-Dichloroethane-d4

Concen: 7.744 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

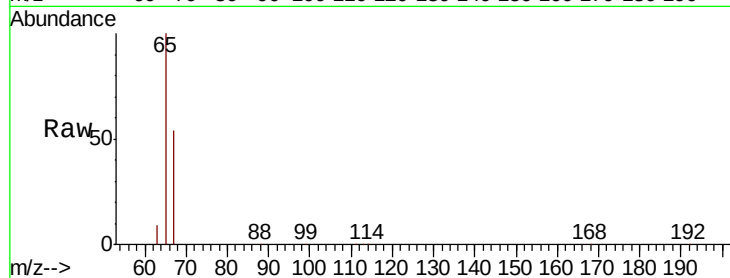
VSSTDICC008

Tot Ion: 65 Resp: 45348

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



Abundance Ion 65.00 (64.70 to 65.70): VN056906.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056906.D (-1257) (-)

8.01

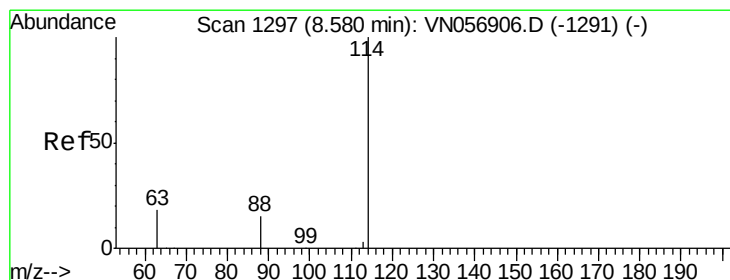
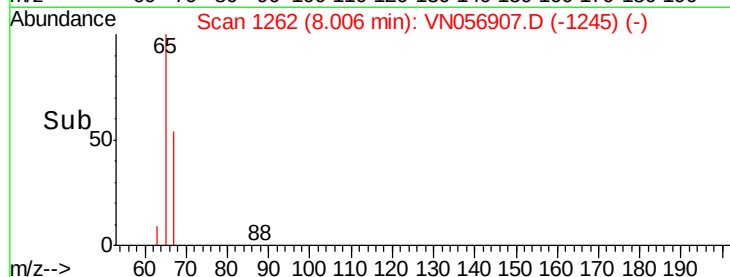
10000

5000

0

7.80 8.00 8.20

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.59 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

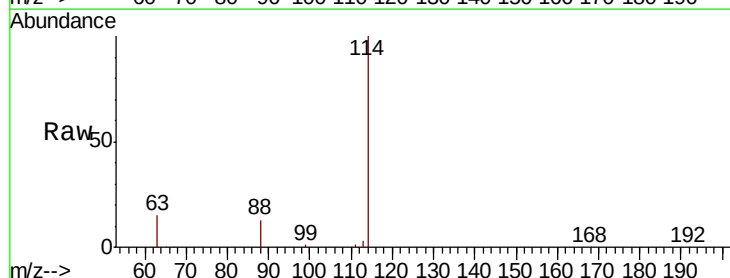
Tgt Ion: 114 Resp: 80846

Ion Ratio Lower Upper

114 100

63 14.9 0.0 36.2

88 13.5 0.0 30.2



Abundance Ion 114.00 (113.70 to 114.70): VN056906.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056906.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056906.D (-1291) (-)

8.59

25000

20000

15000

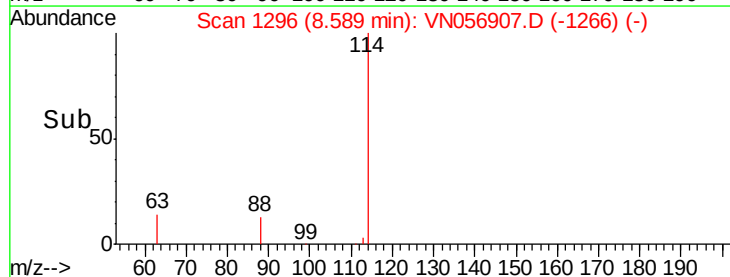
10000

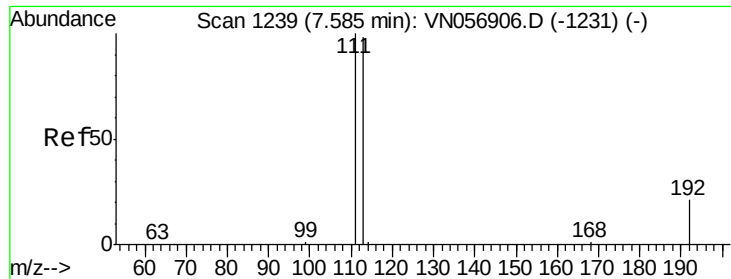
5000

0

8.50 9.00

Time-->

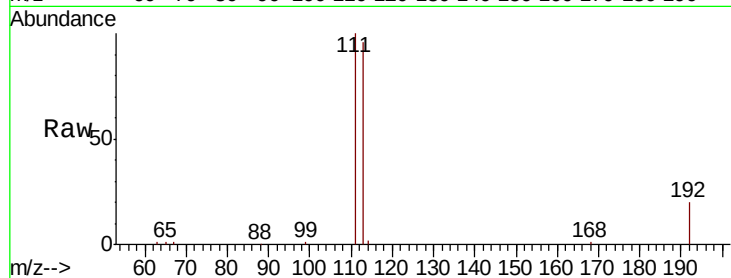




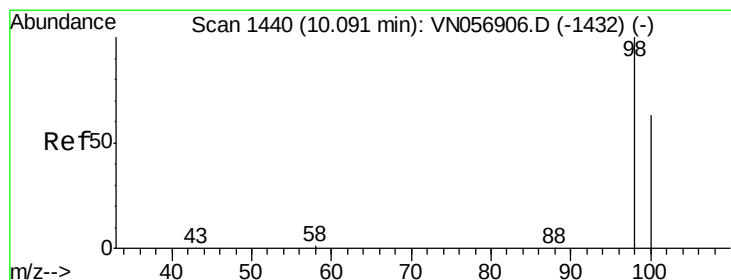
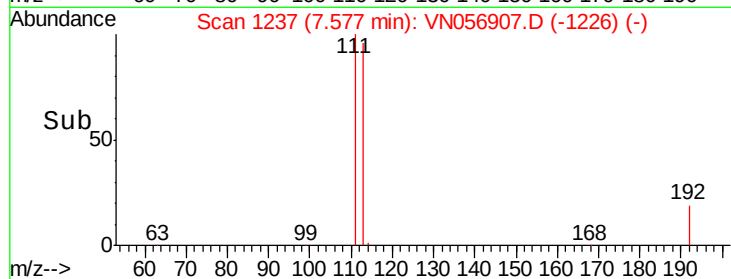
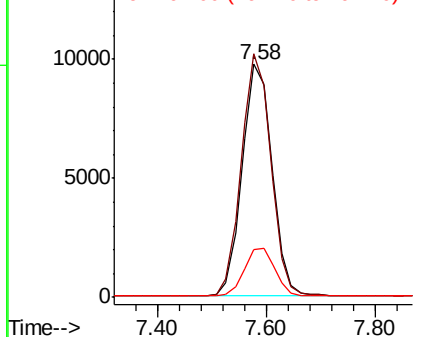
#5
 Dibromofluoromethane
 Concen: 8.564 ug/l
 RT: 7.58 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VN056907.D
 Acq: 24 Jul 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC008

Tot Ion:113 Resp: 37326
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.5 122.3
 192 20.4 17.4 26.0

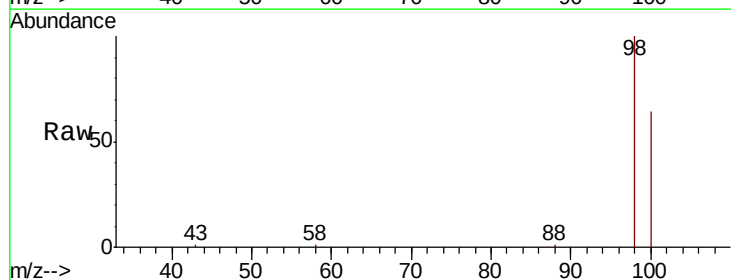


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

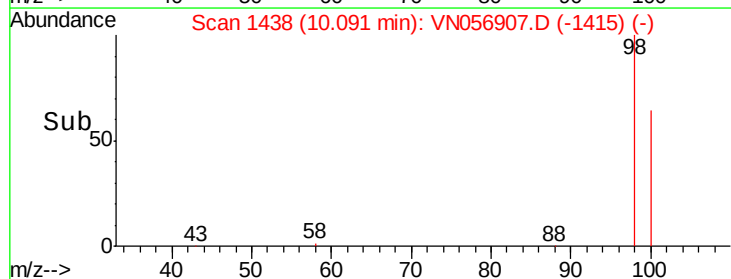
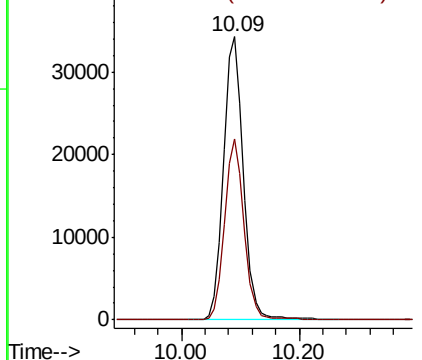


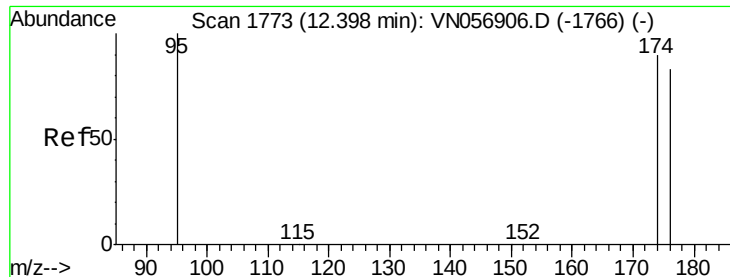
#6
 Toluene-d8
 Concen: 7.753 ug/l
 RT: 10.09 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VN056907.D
 Acq: 24 Jul 2019 12:36

Tgt Ion: 98 Resp: 79200
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 6.087 ug/l

RT: 12.39 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

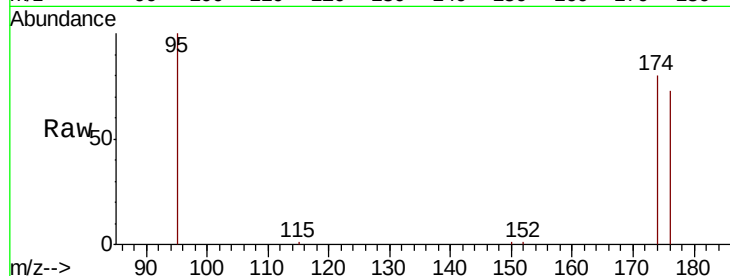
Tot Ion: 95 Resp: 21289

Ion Ratio Lower Upper

95 100

174 80.4 0.0 179.8

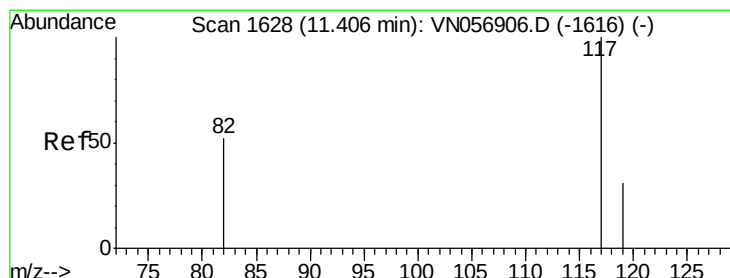
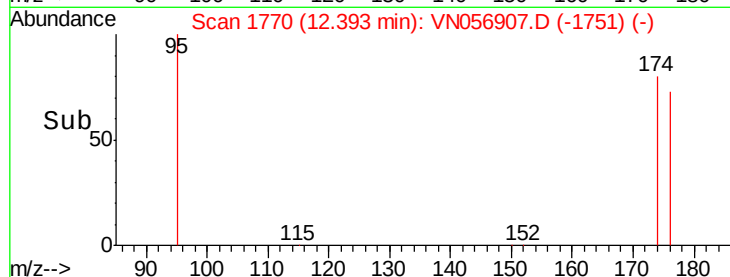
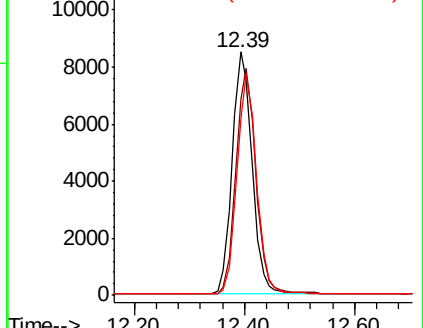
176 72.7 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056907.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056907.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056907.D (-1766) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

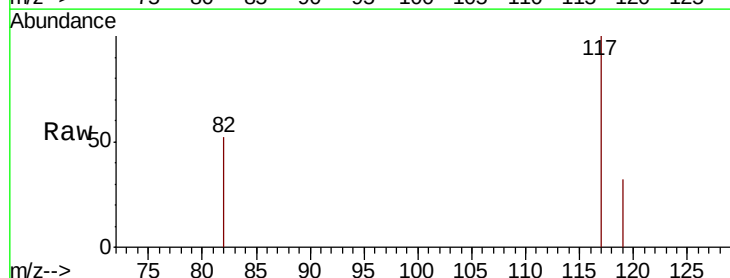
Tgt Ion: 117 Resp: 49844

Ion Ratio Lower Upper

117 100

82 51.7 42.0 63.0

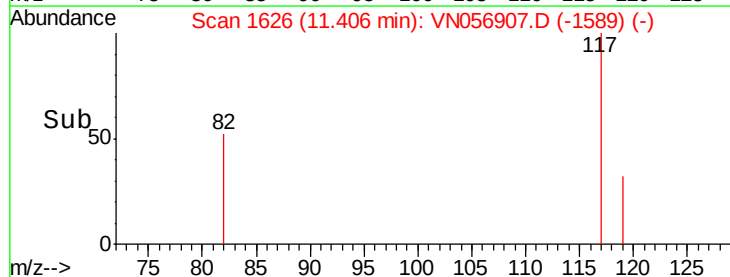
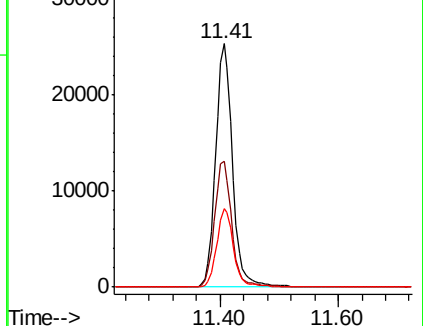
119 32.0 25.1 37.7

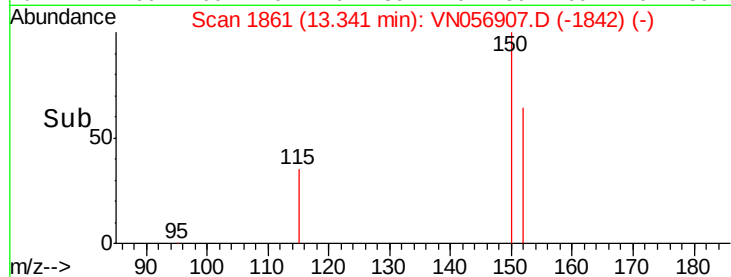
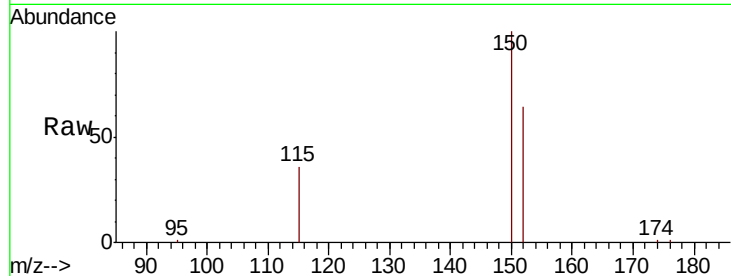
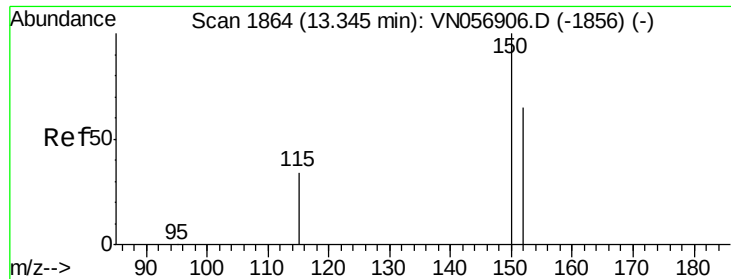


Abundance Ion 117.00 (116.70 to 117.70): VN056907.D (-1589) (-)

Ion 82.00 (81.70 to 82.70): VN056907.D (-1589) (-)

Ion 119.00 (118.70 to 119.70): VN056907.D (-1589) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN056907.D

Acq: 24 Jul 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

Tot Ion:152 Resp: 8407

Ion Ratio Lower Upper

152 100

115 55.4 26.5 79.4

150 155.5 0.0 306.2

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

