

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072919\
 Data File : VN056958.D
 Acq On : 29 Jul 2019 17:52
 Operator : JC/SP
 Sample : VSSTDICC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC001

Quant Time: Jul 30 01:48:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:43:29 2019
 Response via : Initial Calibration

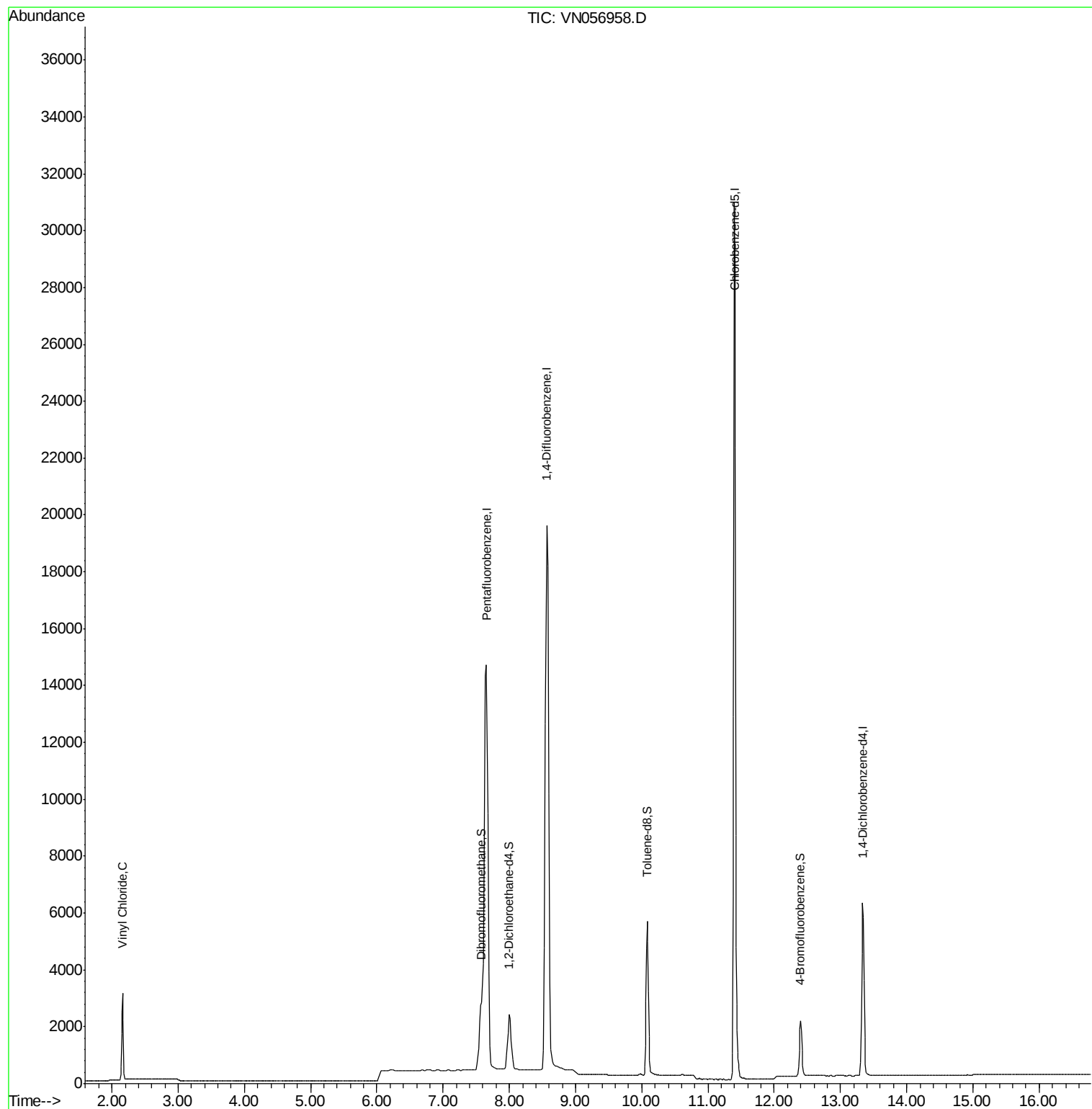
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	37103	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.56	114	59896	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	33397	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	4789	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	4641	1.07	ug/l	0.00
Spiked Amount 5.000	Range	81 - 118	Recovery	=	21.40%#	
5) Dibromofluoromethane	7.57	113	3886	1.07	ug/l	0.00
Spiked Amount 5.000	Range	80 - 119	Recovery	=	21.40%#	
6) Toluene-d8	10.08	98	7729	1.04	ug/l	0.00
Spiked Amount 5.000	Range	89 - 112	Recovery	=	20.80%#	
7) 4-Bromofluorobenzene	12.39	95	1770	0.95	ug/l	0.00
Spiked Amount 5.000	Range	85 - 114	Recovery	=	19.00%#	
Target Compounds						
2) Vinyl Chloride	2.16	62	3404	1.043	ug/l	Qvalue 96

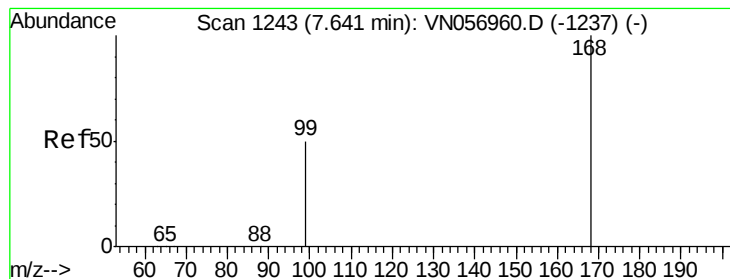
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

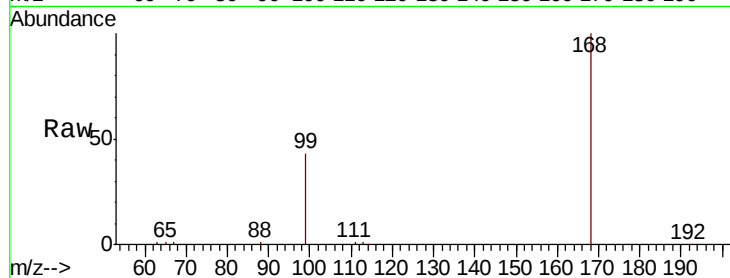
VSSTDICC001

Tot Ion:168 Resp: 37103

Ion Ratio Lower Upper

168 100

99 43.0 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056958.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056958.D (-1225) (-)

7.65

10000

8000

6000

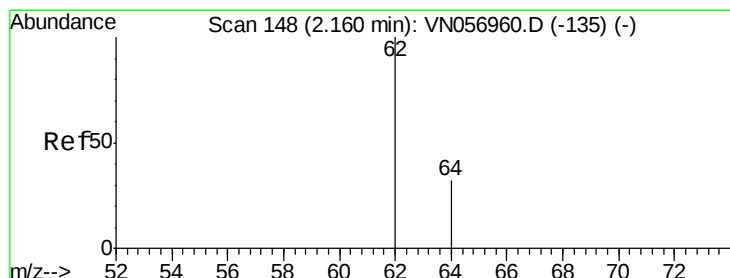
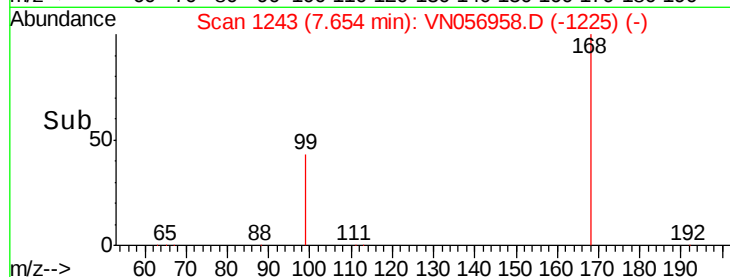
4000

2000

0

7.40 7.60 7.80 8.00

Time-->



#2

Vinyl Chloride

Concen: 1.043 ug/l

RT: 2.16 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN056958.D

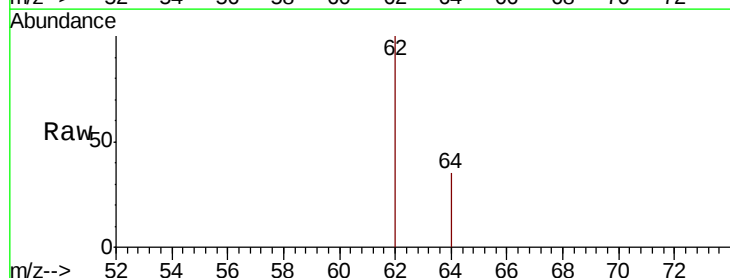
Acq: 29 Jul 2019 17:52

Tgt Ion: 62 Resp: 3404

Ion Ratio Lower Upper

62 100

64 35.0 26.4 39.6



Abundance Ion 62.00 (61.70 to 62.70): VN056958.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056958.D (-96) (-)

2.16

2500

2000

1500

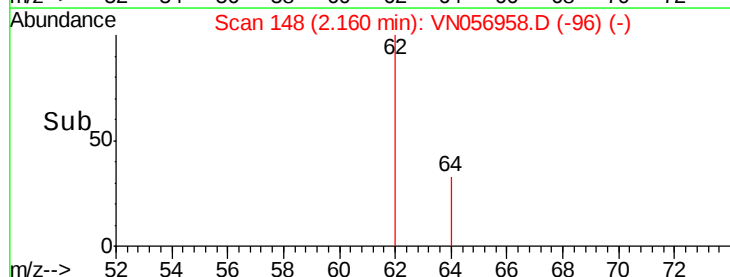
1000

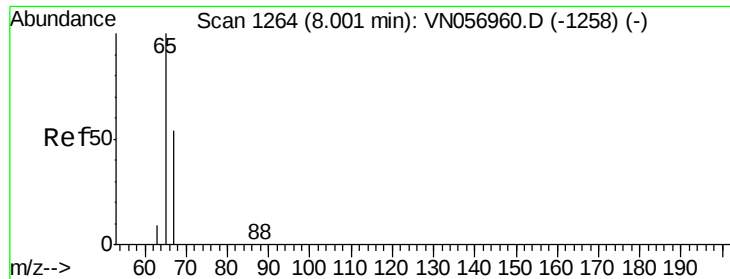
500

0

2.10 2.15 2.20 2.25

Time-->





#3

1,2-Dichloroethane-d4

Concen: 1.075 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

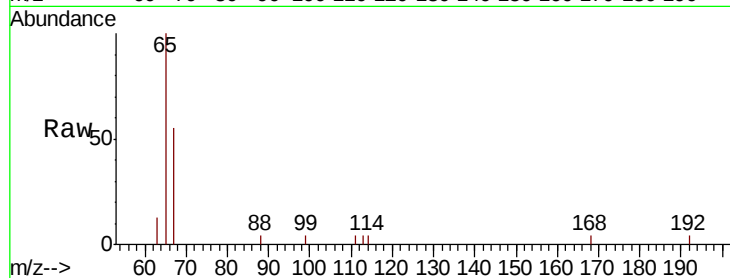
VSSTDICC001

Tot Ion: 65 Resp: 4641

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN056958.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN056958.D (-1246) (-)

8.00

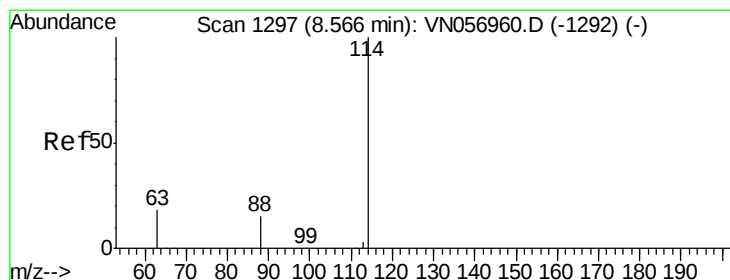
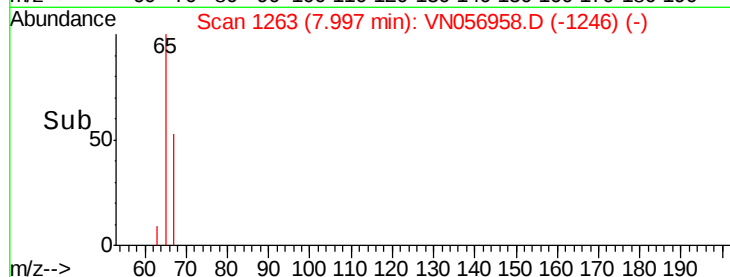
1000

500

0

Time-->

7.80 8.00 8.20



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

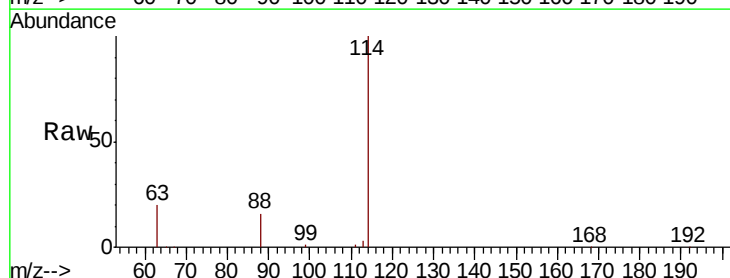
Tgt Ion: 114 Resp: 59896

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

88 16.4 0.0 31.0



Abundance Ion 114.00 (113.70 to 114.70): VN056958.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN056958.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN056958.D (-1267) (-)

8.56

15000

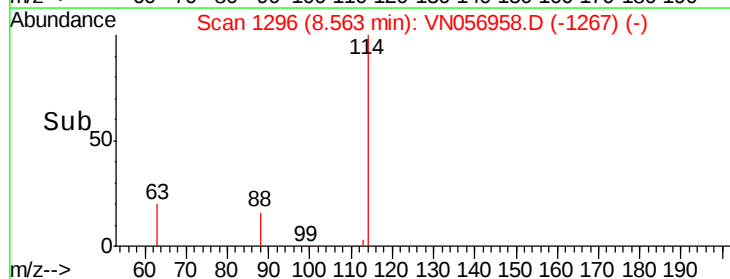
10000

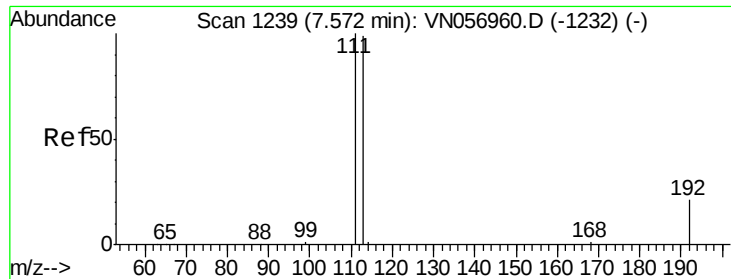
5000

0

Time-->

8.50 9.00

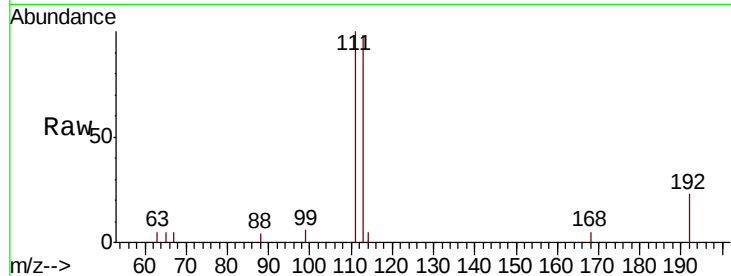




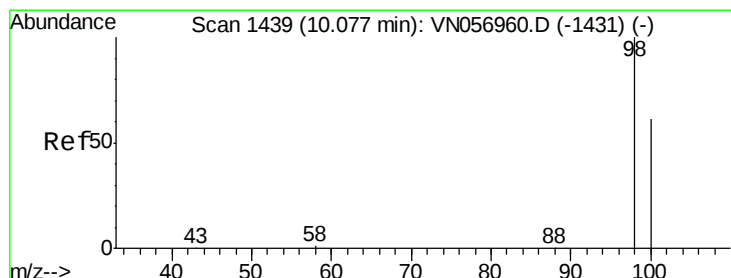
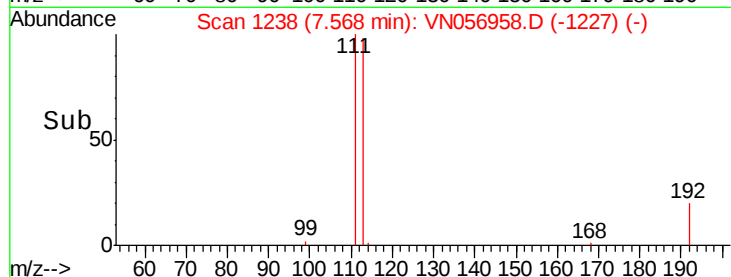
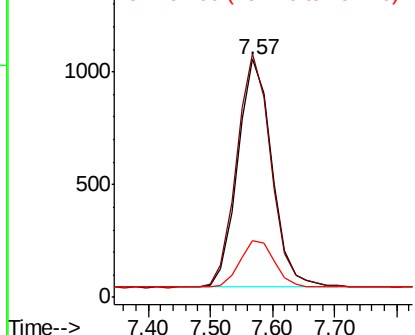
#5
Dibromofluoromethane
Concen: 1.070 ug/l
RT: 7.57 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VN056958.D
Acq: 29 Jul 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:113 Resp: 3886
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 23.7 17.9 26.9

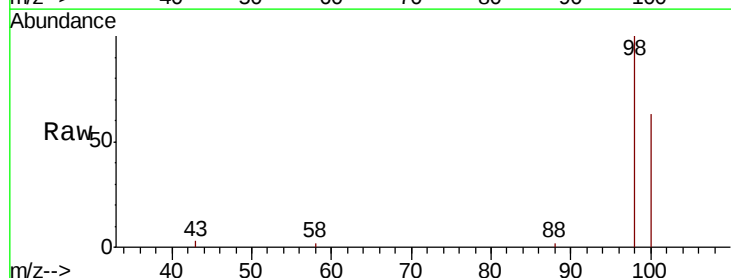


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

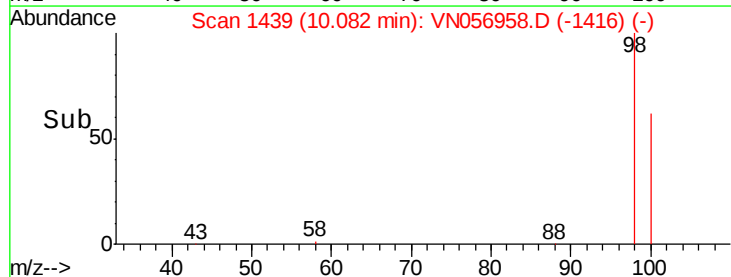
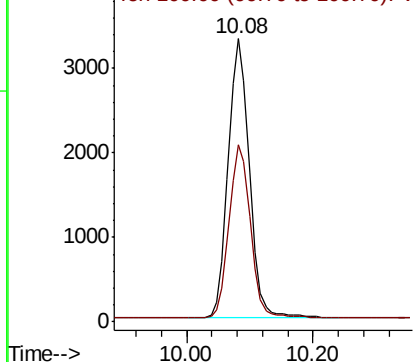


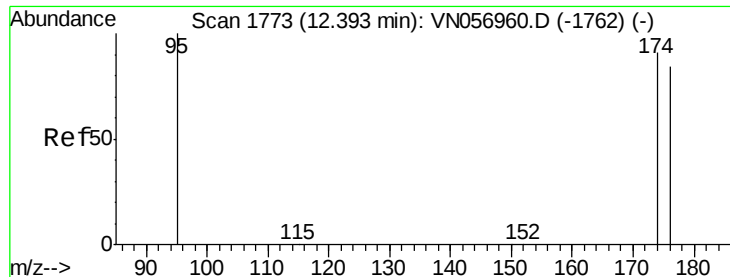
#6
Toluene-d8
Concen: 1.043 ug/l
RT: 10.08 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VN056958.D
Acq: 29 Jul 2019 17:52

Tgt Ion: 98 Resp: 7729
Ion Ratio Lower Upper
98 100
100 62.6 49.0 73.4



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





#7

4-Bromofluorobenzene

Concen: 0.949 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

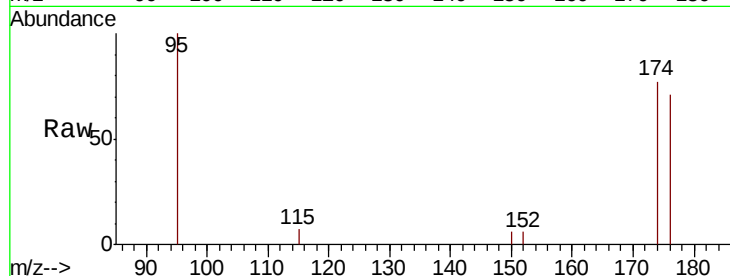
Tot Ion: 95 Resp: 1770

Ion Ratio Lower Upper

95 100

174 77.0 0.0 181.4

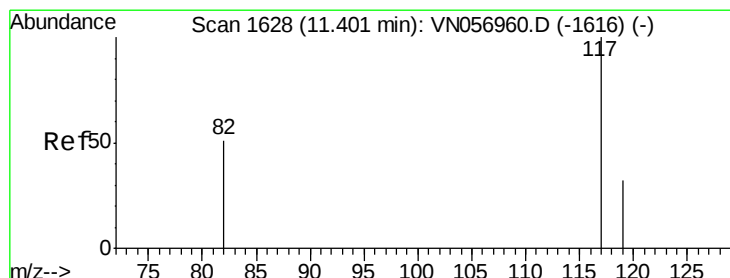
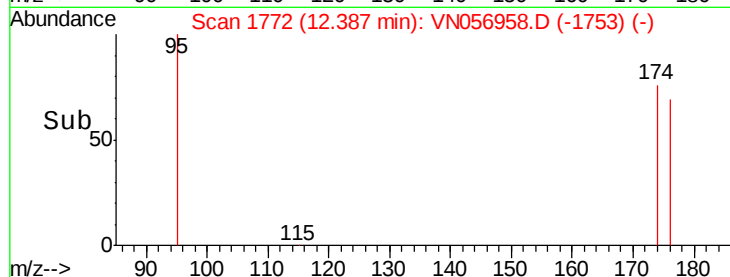
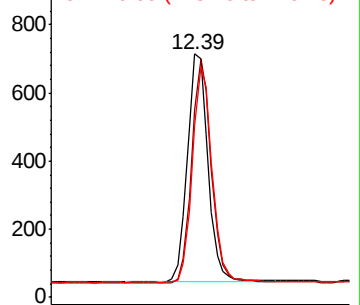
176 70.7 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056960.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056960.D (-1762) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

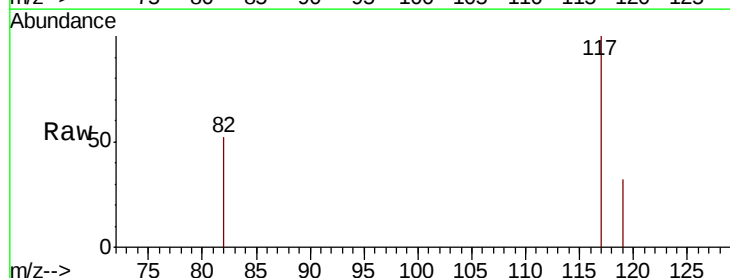
Tgt Ion: 117 Resp: 33397

Ion Ratio Lower Upper

117 100

82 51.7 40.7 61.1

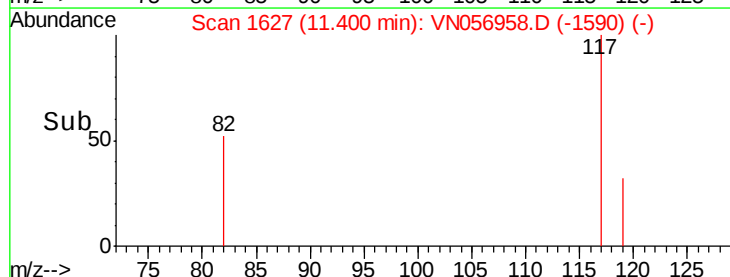
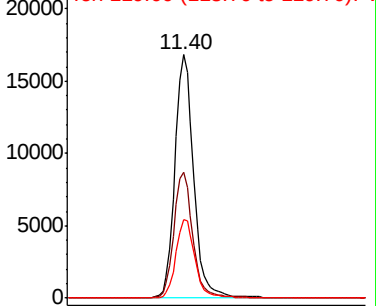
119 32.3 25.6 38.4

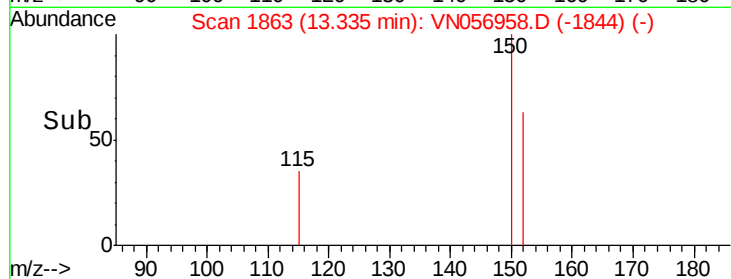
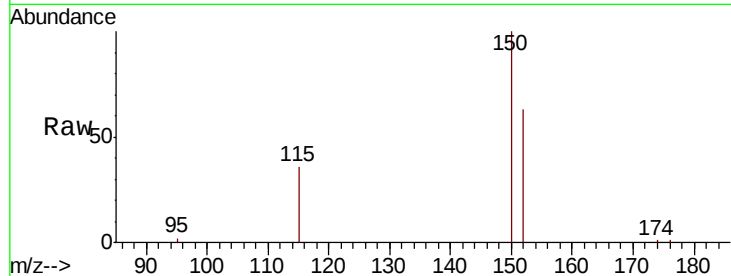
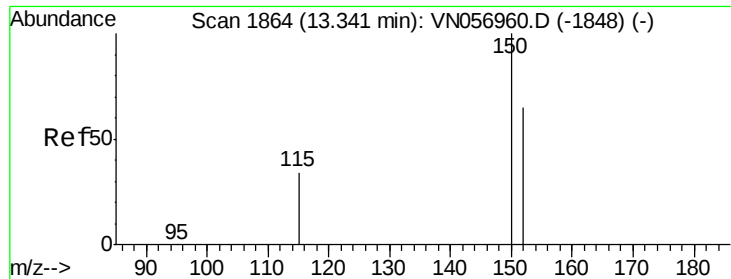


Abundance Ion 117.00 (116.70 to 117.70): VN056960.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN056960.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN056960.D (-1616) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056958.D

Acq: 29 Jul 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

Tot Ion:152 Resp: 4789

Ion Ratio Lower Upper

152 100

115 57.8 27.0 80.8

150 158.4 0.0 306.8

