

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053887.D
 Acq On : 21 Feb 2019 12:56
 Operator : JC/SP
 Sample : K1540-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M2-T3-OZ(PRE)

Quant Time: Feb 22 01:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

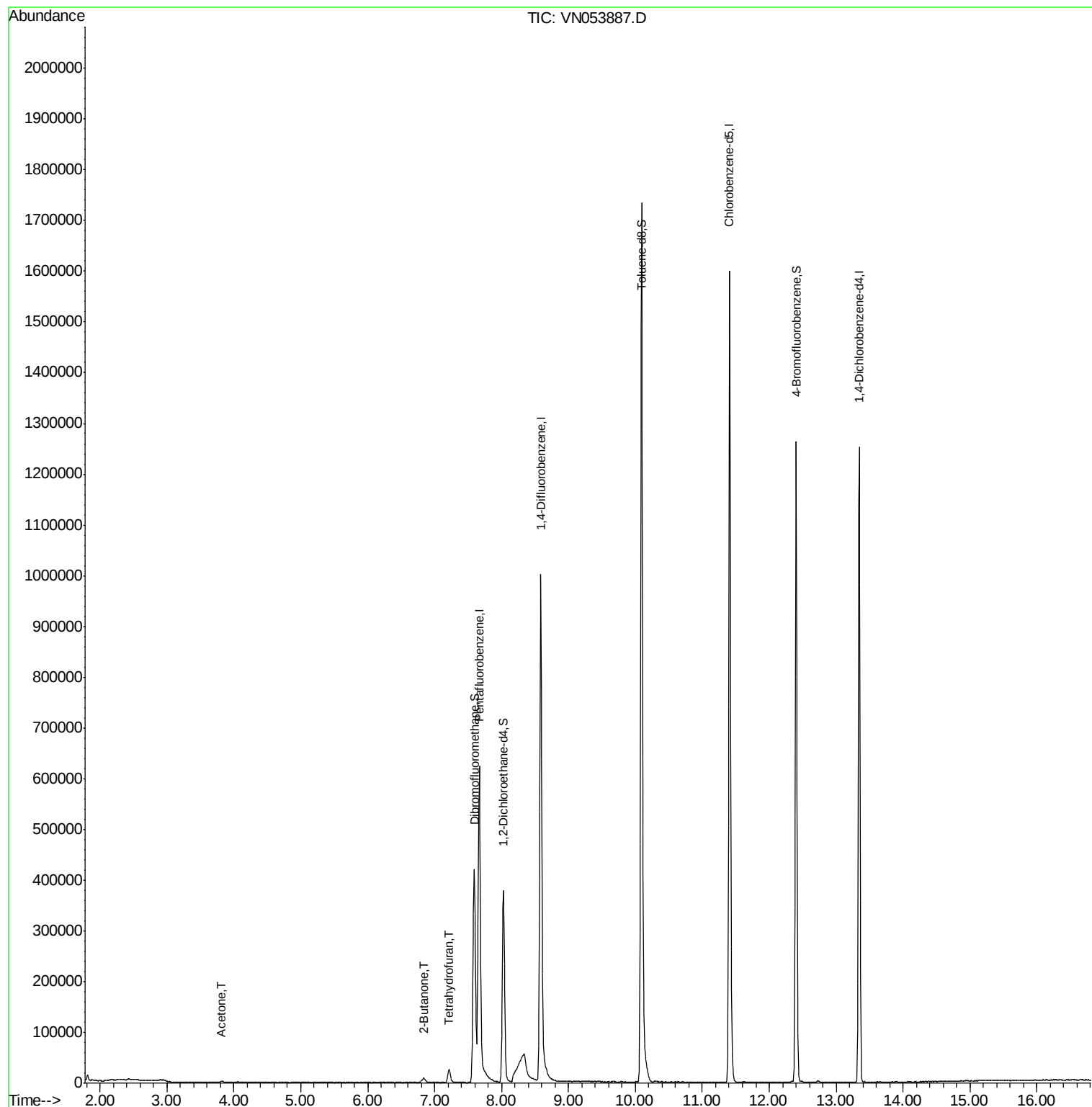
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1052411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331037	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	7.59	113	330081	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1381921	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.40	95	444870	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
Target Compounds						
16) Acetone	3.82	43	4990	2.840	ug/l #	83
25) 2-Butanone	6.84	43	13363	5.893	ug/l	94
29) Tetrahydrofuran	7.22	42	22583	15.400	ug/l	97

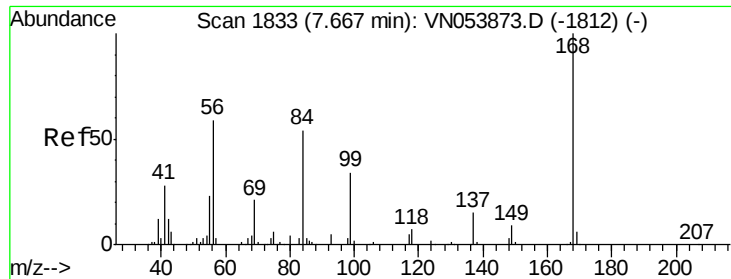
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053887.D
Acq On : 21 Feb 2019 12:56
Operator : JC/SP
Sample : K1540-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
M2-T3-OZ(PRE)

Quant Time: Feb 22 01:15:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

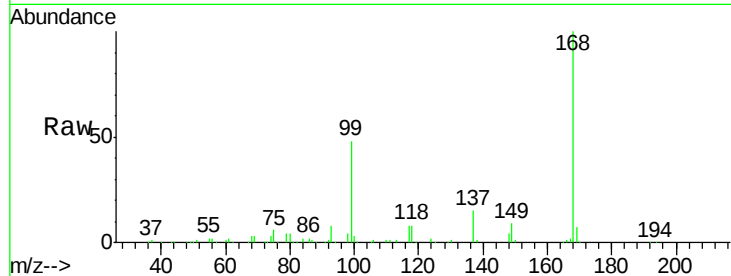
M2-T3-OZ(PRE)

Tot Ion:168 Resp: 625184

Ion Ratio Lower Upper

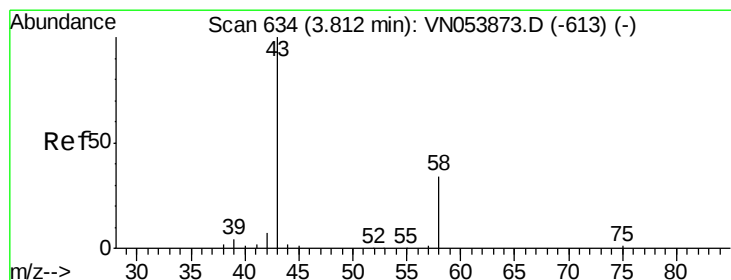
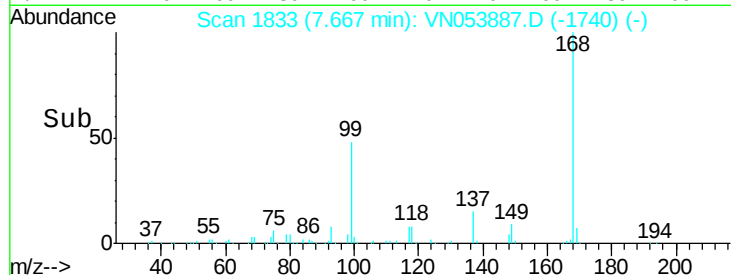
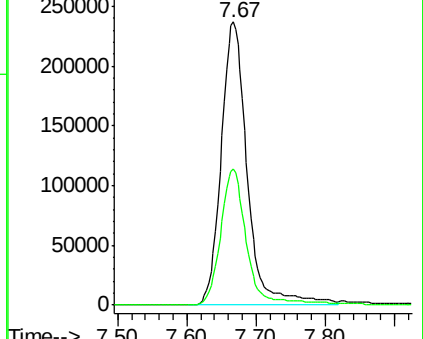
168 100

99 48.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053887.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053887.D (-1740) (-)



#16

Acetone

Concen: 2.840 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053887.D

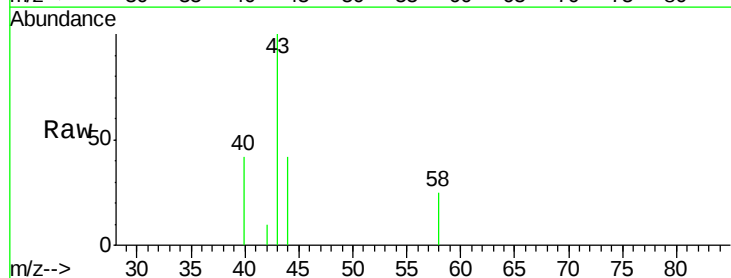
Acq: 21 Feb 2019 12:56

Tgt Ion: 43 Resp: 4990

Ion Ratio Lower Upper

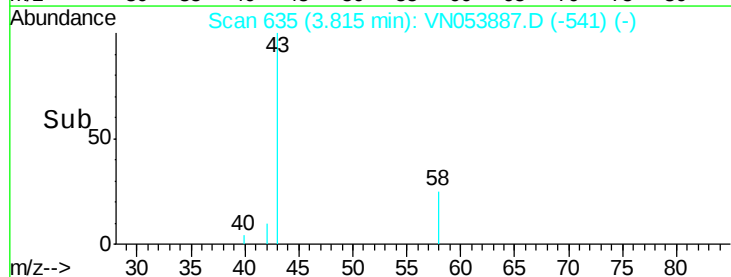
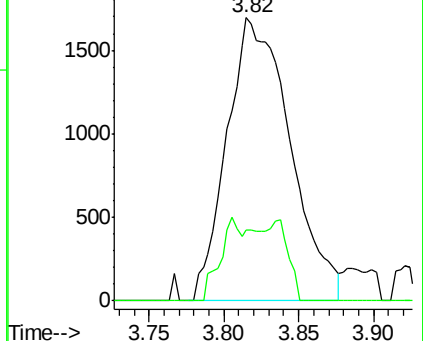
43 100

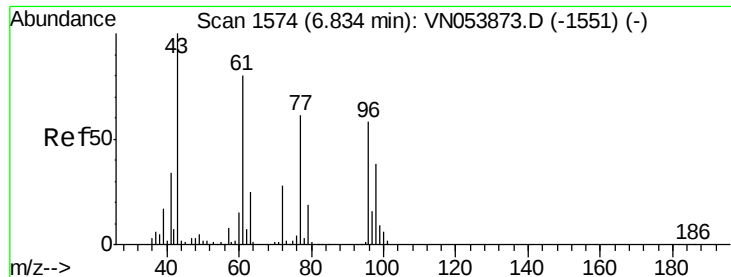
58 24.9 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053887.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053887.D (-541) (-)





#25

2-Butanone

Concen: 5.893 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

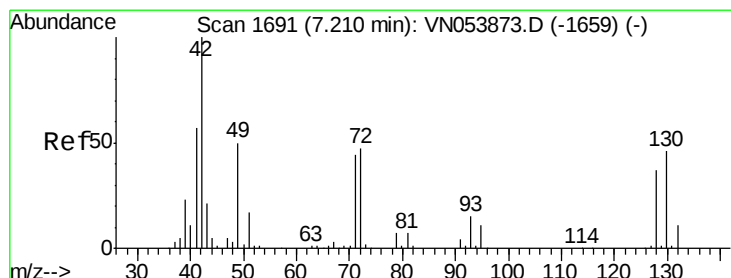
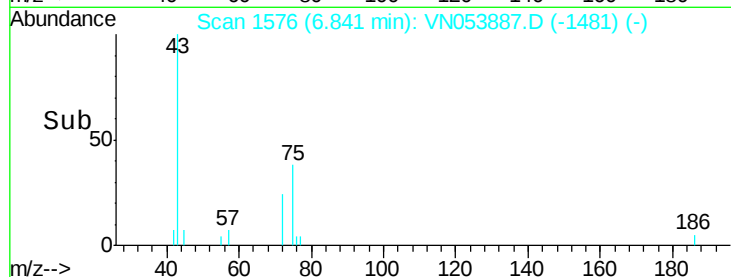
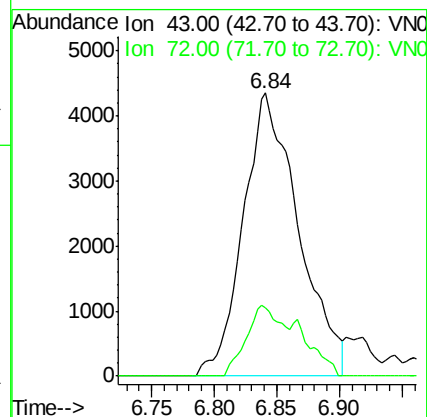
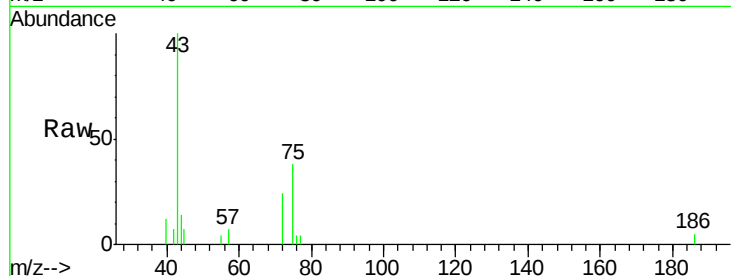
M2-T3-OZ(PRE)

Tot Ion: 43 Resp: 13363

Ion Ratio Lower Upper

43 100

72 24.3 22.1 33.1



#29

Tetrahydrofuran

Concen: 15.400 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

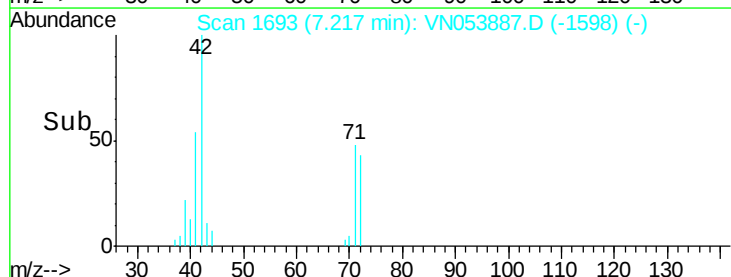
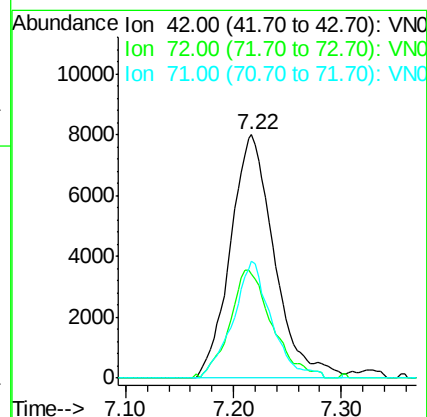
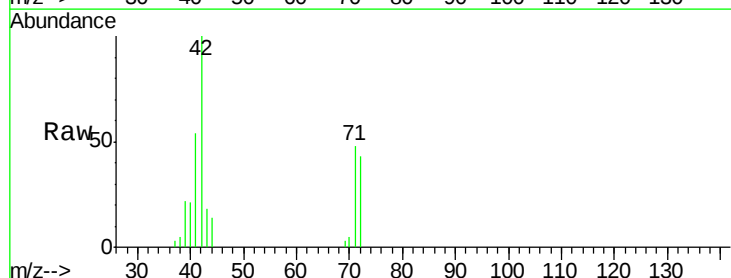
Tgt Ion: 42 Resp: 22583

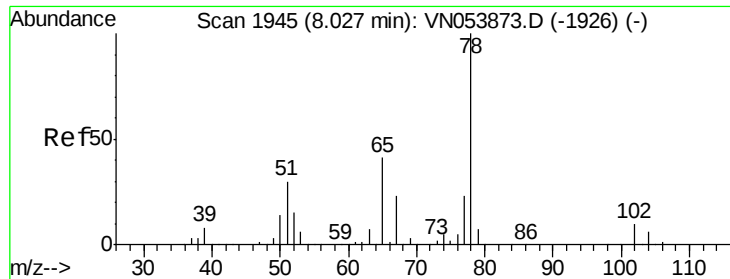
Ion Ratio Lower Upper

42 100

72 43.0 36.9 55.3

71 42.3 34.6 52.0





#33

1,2-Dichloroethane-d4

Concen: 51.811 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

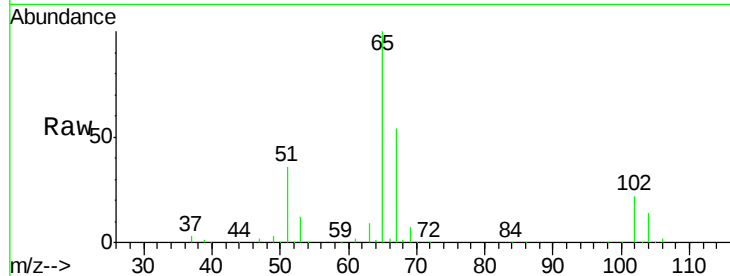
M2-T3-OZ(PRE)

Tot Ion: 65 Resp: 331037

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053887.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053887.D (-1852) (-)

8.03

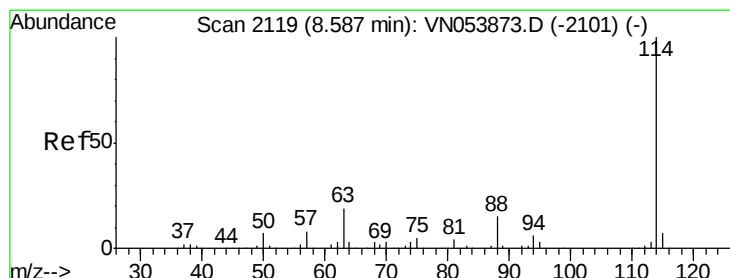
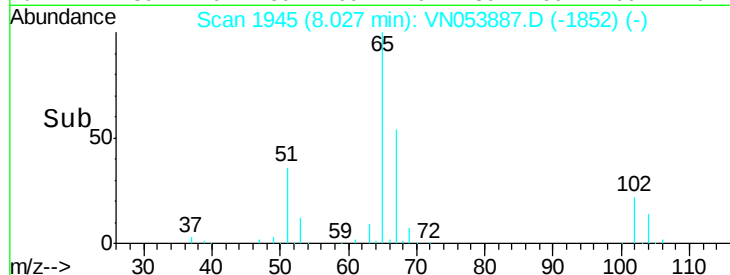
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

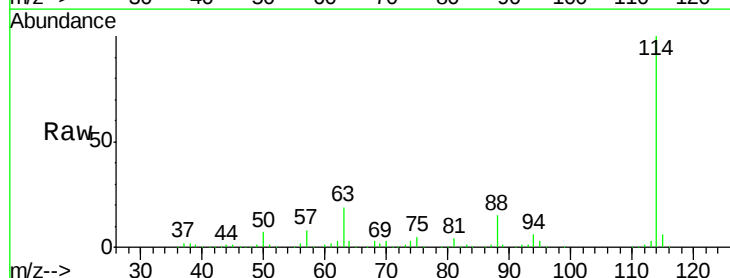
Tgt Ion: 114 Resp: 1052411

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053887.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053887.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053887.D (-2026) (-)

8.59

600000

500000

400000

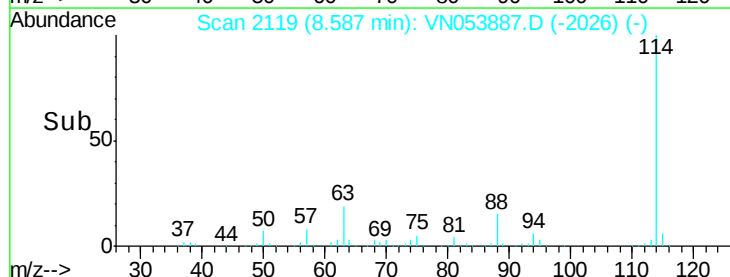
300000

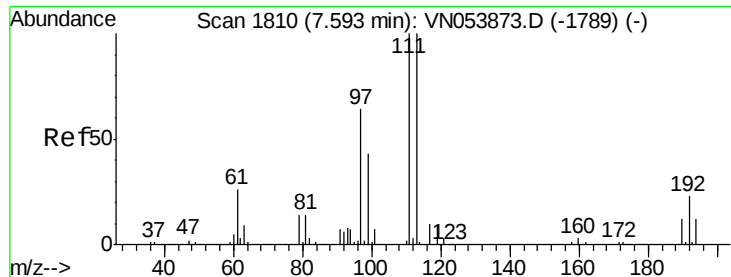
200000

100000

0

Time-->

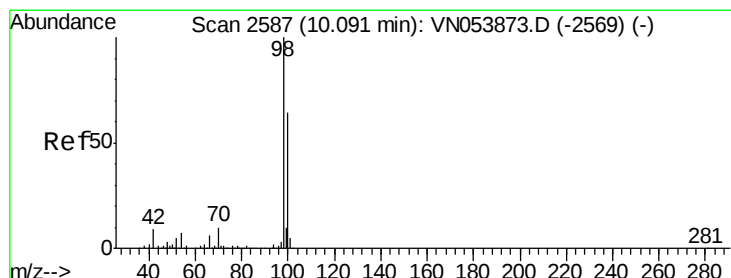
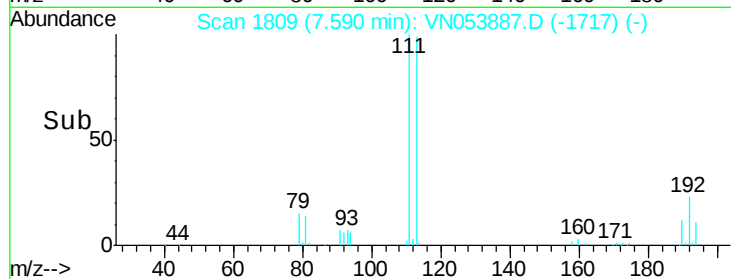
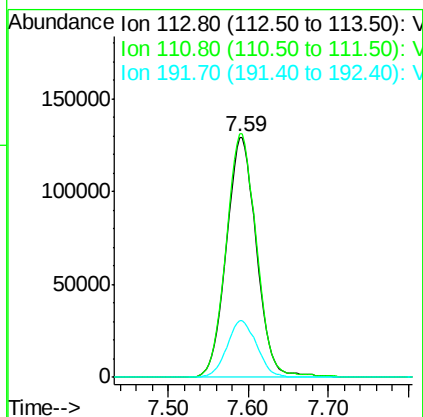
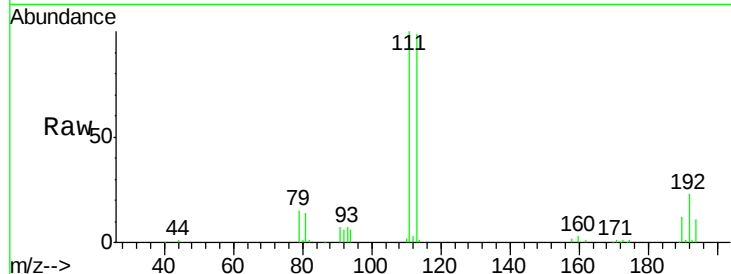




#35
 Dibromofluoromethane
 Concen: 47.791 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053887.D
 Acq: 21 Feb 2019 12:56

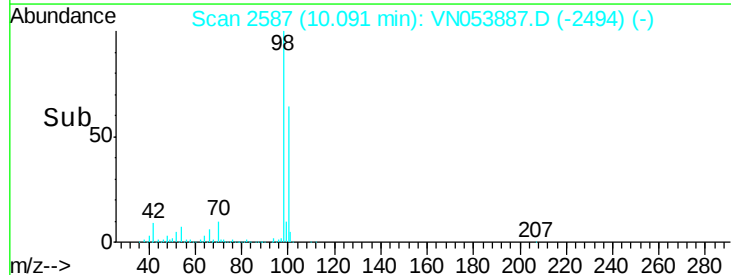
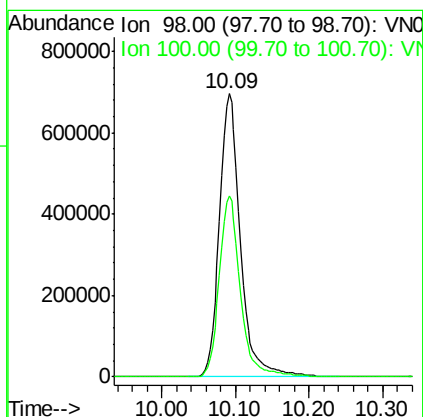
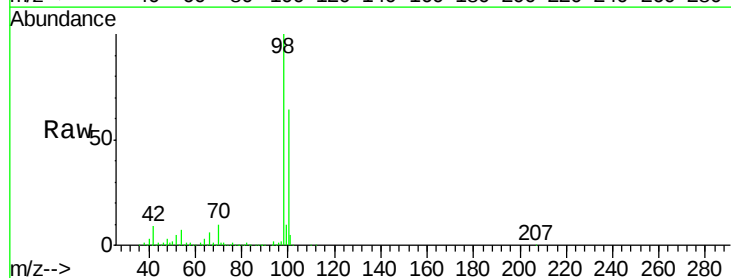
Instrument :
 MSVOA_N
 ClientSampleId :
 M2-T3-OZ(PRE)

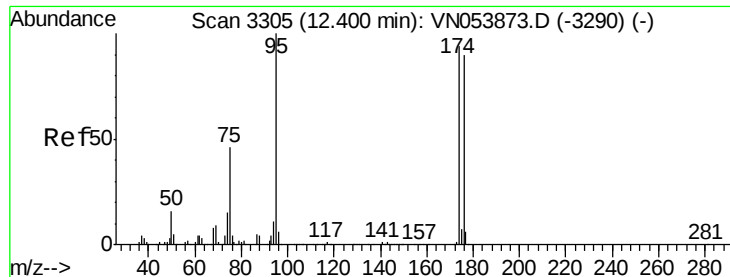
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	23.5	18.8	28.2



#50
 Toluene-d8
 Concen: 55.397 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053887.D
 Acq: 21 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 54.018 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

M2-T3-OZ(PRE)

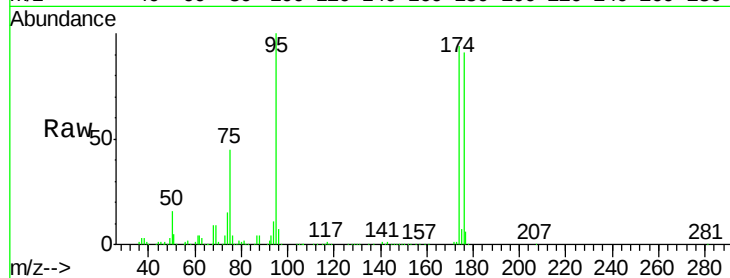
Tot Ion: 95 Resp: 444870

Ion Ratio Lower Upper

95 100

174 95.6 0.0 188.8

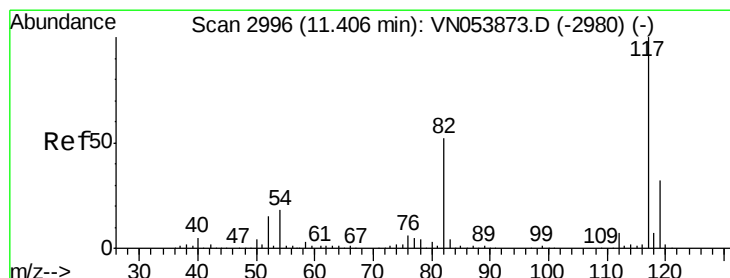
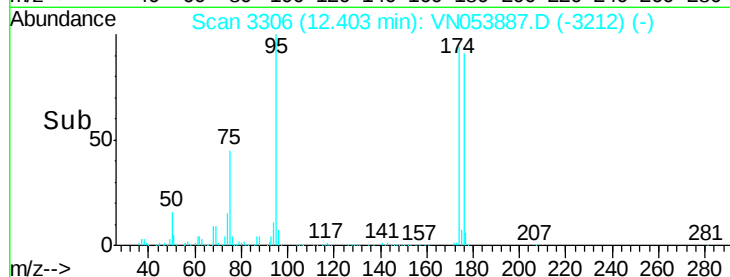
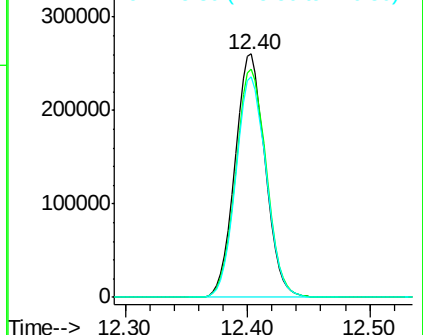
176 91.7 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

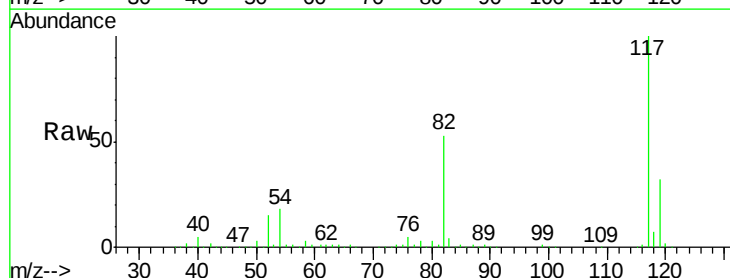
Tgt Ion: 117 Resp: 1058359

Ion Ratio Lower Upper

117 100

82 52.5 41.4 62.2

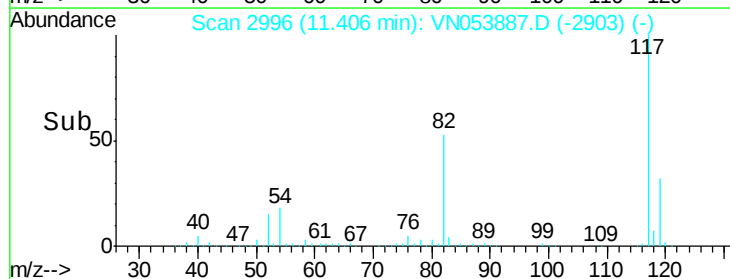
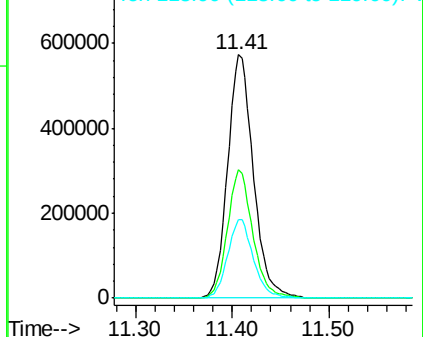
119 32.3 25.3 37.9

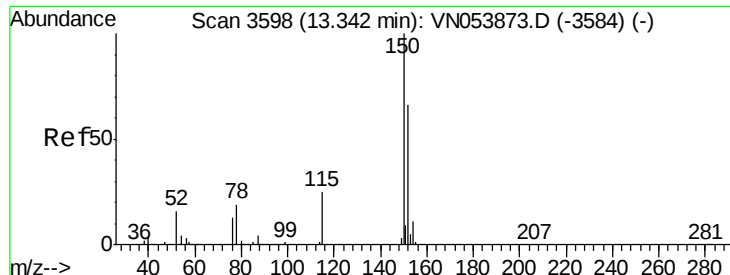


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053887.D

Acq: 21 Feb 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

M2-T3-OZ(PRE)

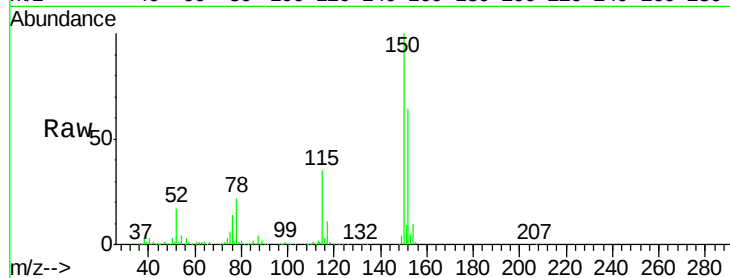
Tot Ion:152 Resp: 374868

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.6

150 155.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

