

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057736.D
 Acq On : 7 Sep 2019 00:06
 Operator : JC/SP
 Sample : K4580-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A2-(0)

Quant Time: Sep 07 00:37:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

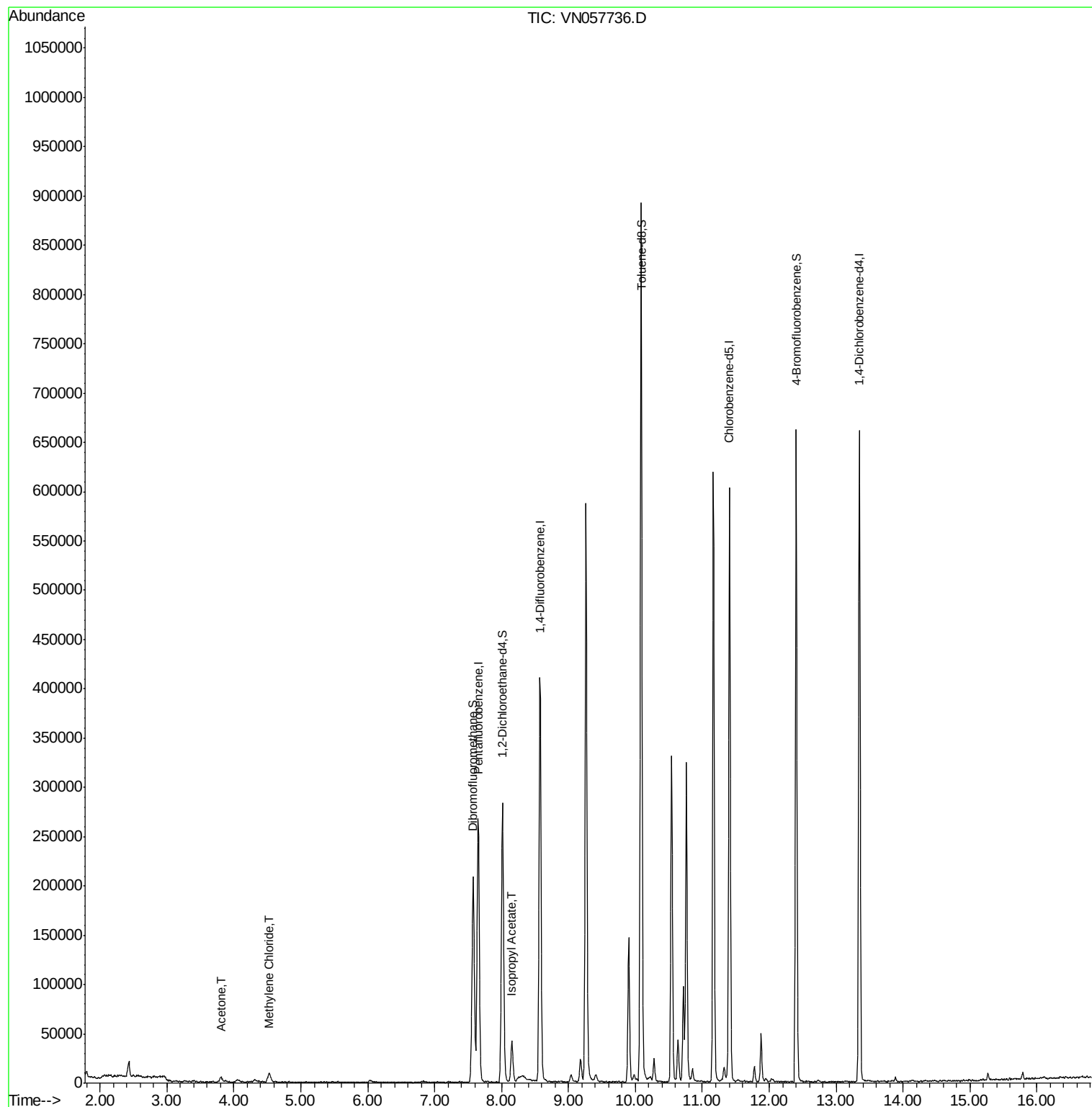
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	187585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	316545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	287884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	253213	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	7.58	113	148066	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.08	98	565627	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	203594	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
16) Acetone	3.81	43	9707	6.912	ug/l	97
20) Methylene Chloride	4.53	84	5711	1.881	ug/l	96
43) Isopropyl Acetate	8.15	43	51548	6.424	ug/l	98

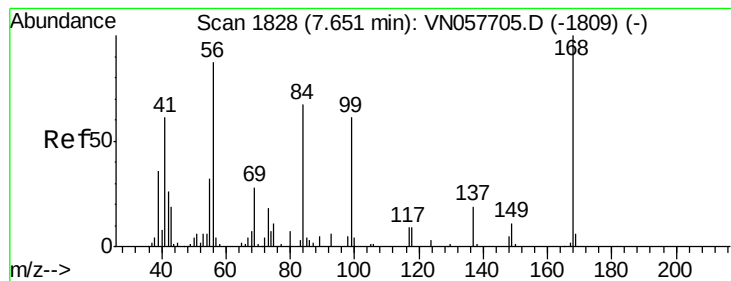
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057736.D
Acq On : 7 Sep 2019 00:06
Operator : JC/SP
Sample : K4580-36
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T12-A2-(0)

Quant Time: Sep 07 00:37:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057736.D

Acq: 7 Sep 2019 00:06

Instrument :

MSVOA_N

ClientSampleId :

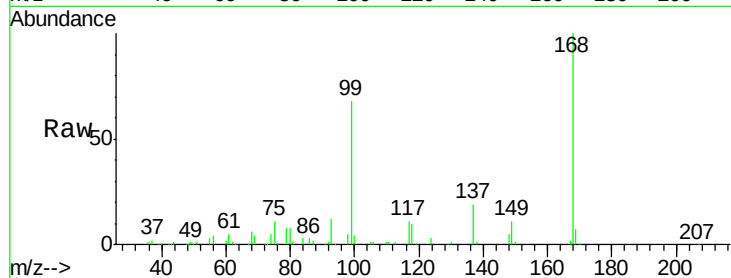
T12-A2-(0)

Tot Ion:168 Resp: 187585

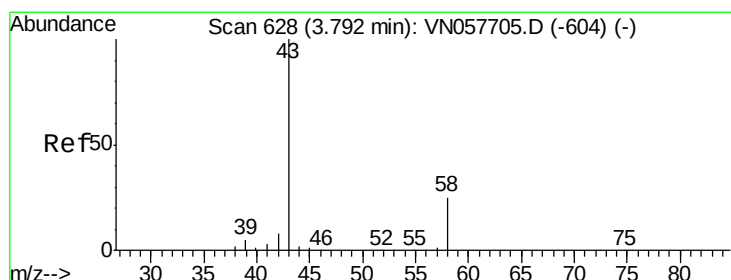
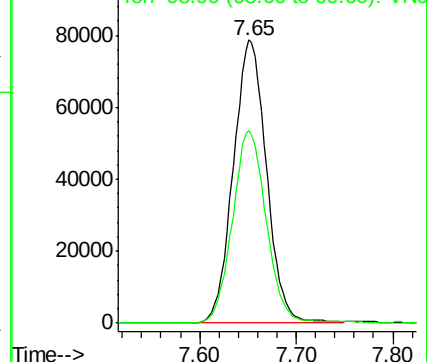
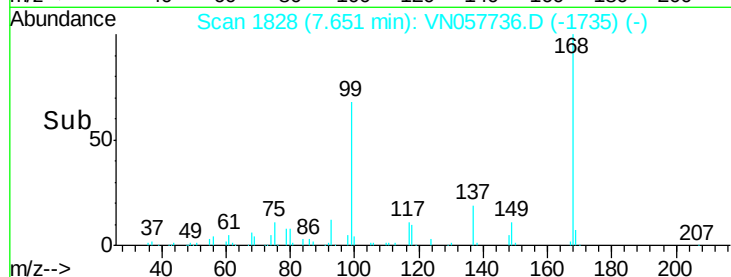
Ion Ratio Lower Upper

168 100

99 67.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057736.D (-1735) (-)



#16

Acetone

Concen: 6.912 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN057736.D

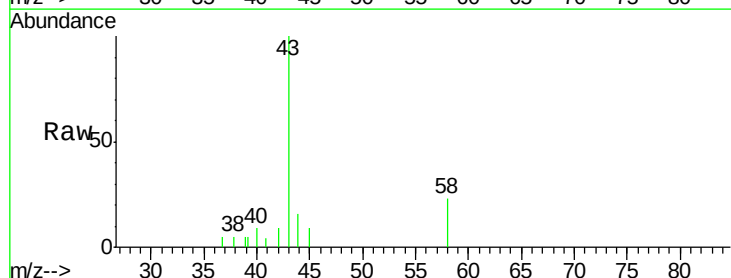
Acq: 7 Sep 2019 00:06

Tgt Ion: 43 Resp: 9707

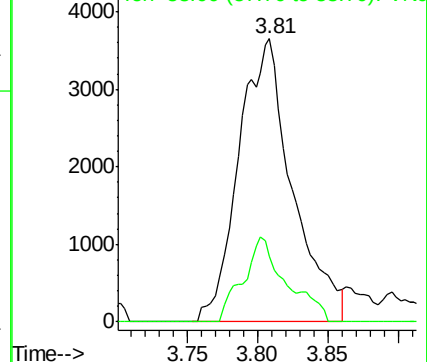
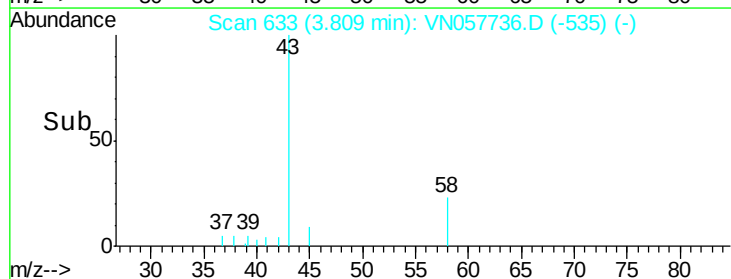
Ion Ratio Lower Upper

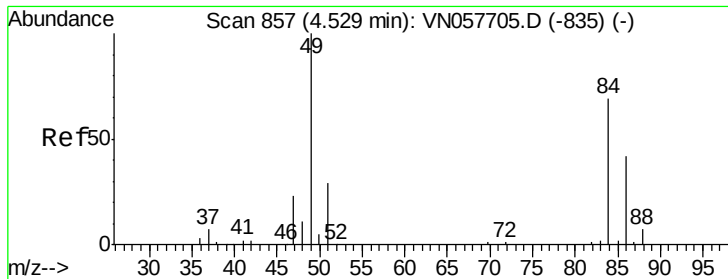
43 100

58 23.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN057736.D (-535) (-)

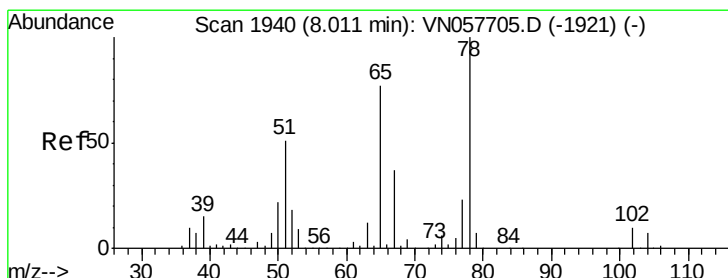
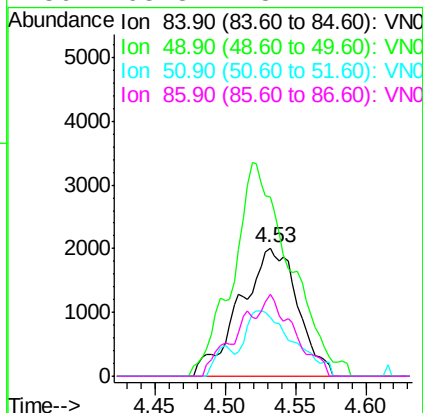
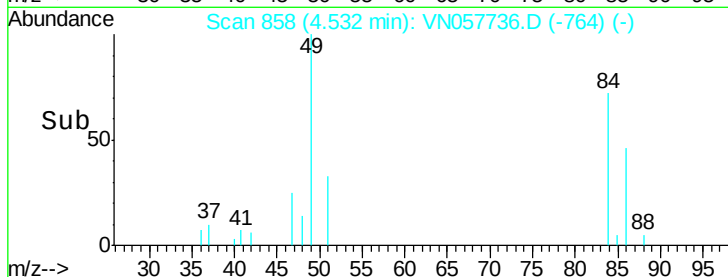
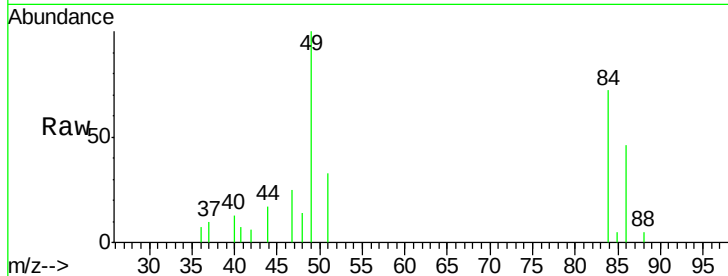




#20
Methvlene Chloride
Concen: 1.881 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057736.D
Acq: 7 Sep 2019 00:06

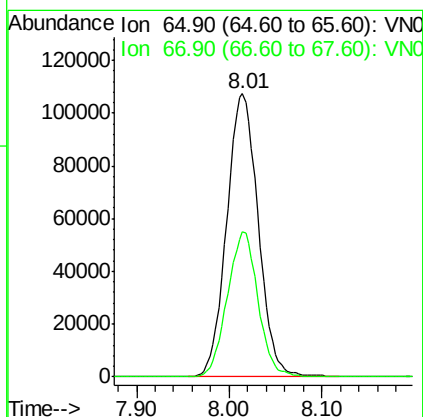
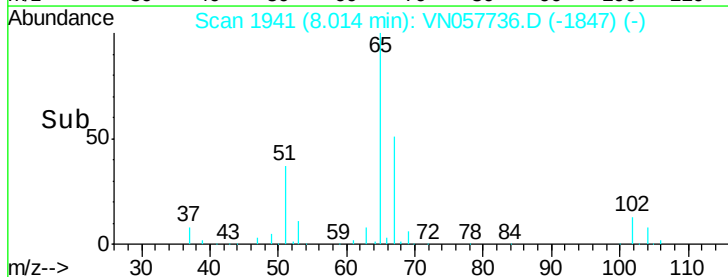
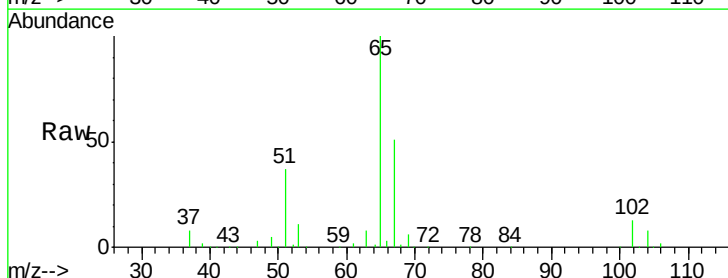
Instrument :
MSVOA_N
ClientSampleId :
T12-A2-(0)

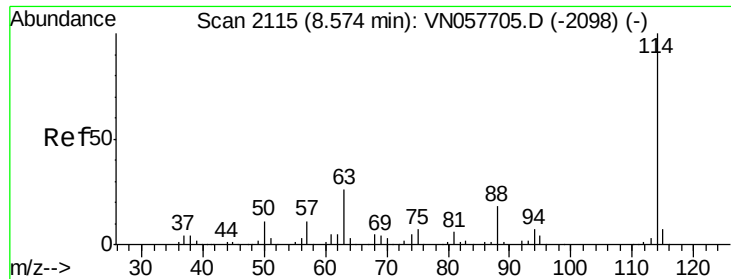
Tot Ion: 84 Resp: 5711
Ion Ratio Lower Upper
84 100
49 139.0 115.0 172.6
51 45.4 33.8 50.8
86 63.8 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 55.488 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057736.D
Acq: 7 Sep 2019 00:06

Tgt Ion: 65 Resp: 253213
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2

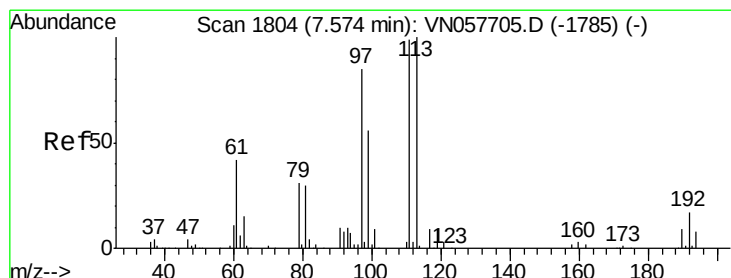
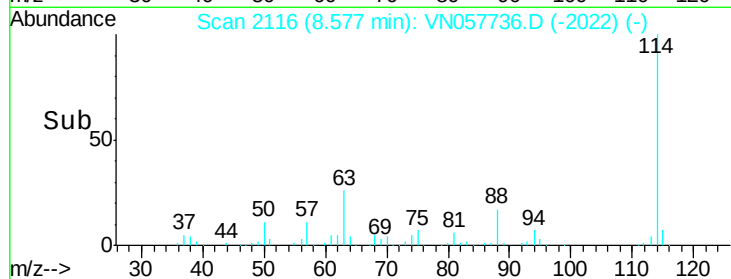
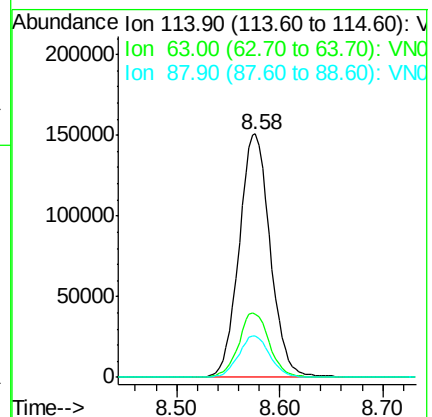
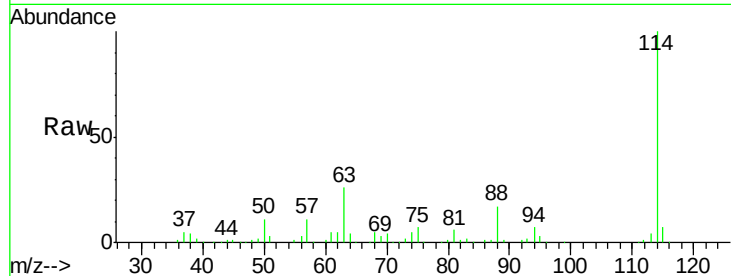




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057736.D
 Acq: 7 Sep 2019 00:06

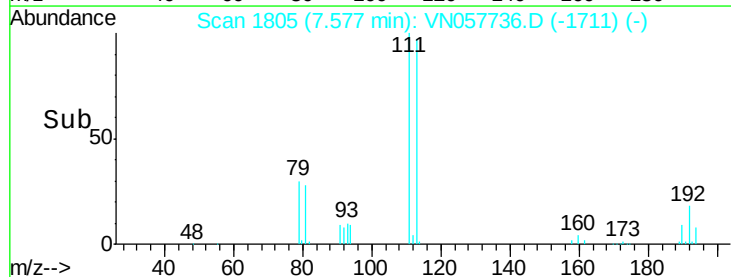
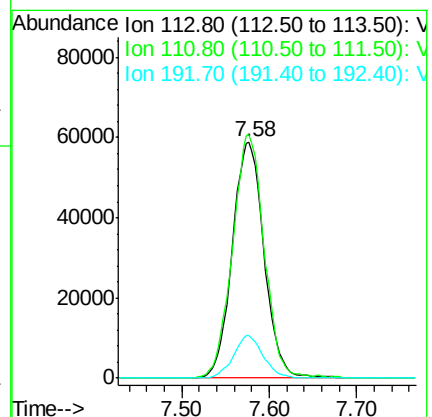
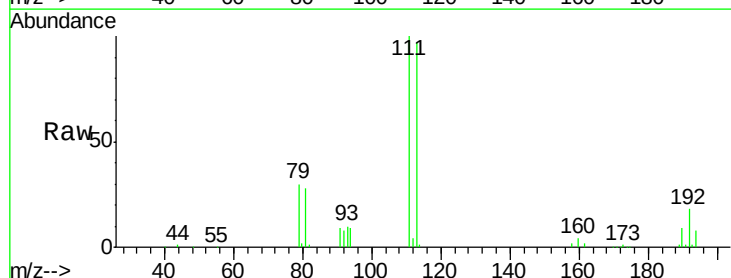
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A2-(0)

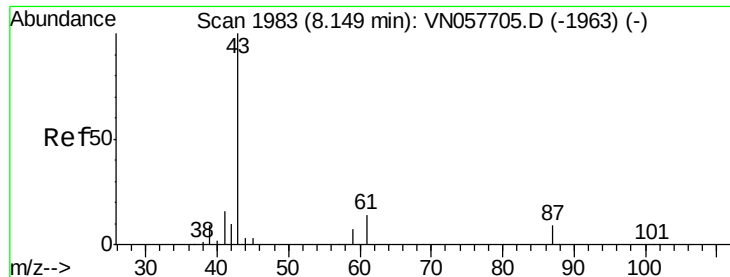
Tot Ion:114 Resp: 316545
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 52.4
 88 17.0 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.354 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057736.D
 Acq: 7 Sep 2019 00:06

Tgt Ion:113 Resp: 148066
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 16.9 13.8 20.6





#43

Isopropyl Acetate

Concen: 6.424 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057736.D

Acq: 7 Sep 2019 00:06

Instrument :

MSVOA_N

ClientSampleId :

T12-A2-(0)

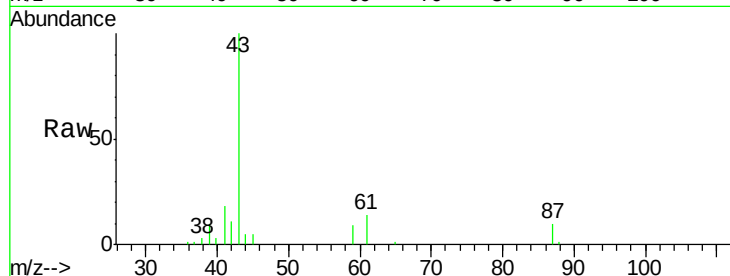
Tot Ion: 43 Resp: 51548

Ion Ratio Lower Upper

43 100

61 14.8 12.8 19.2

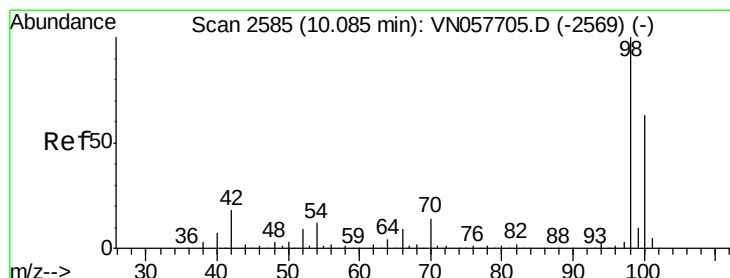
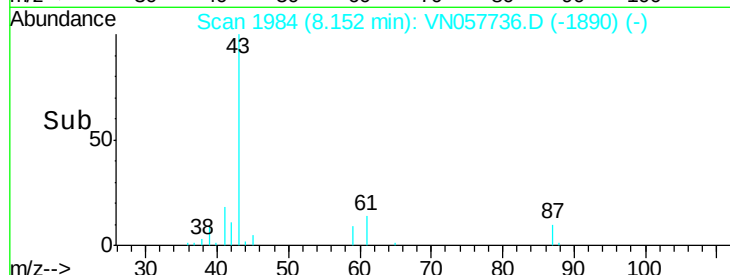
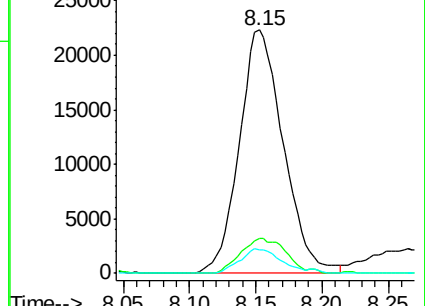
87 9.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.032 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057736.D

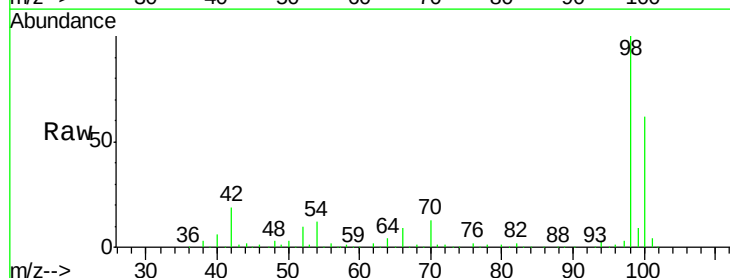
Acq: 7 Sep 2019 00:06

Tgt Ion: 98 Resp: 565627

Ion Ratio Lower Upper

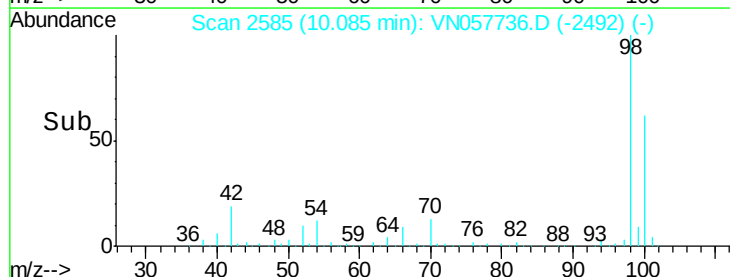
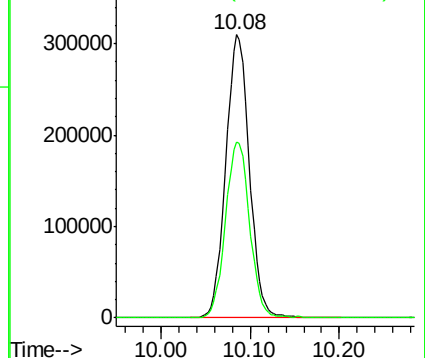
98 100

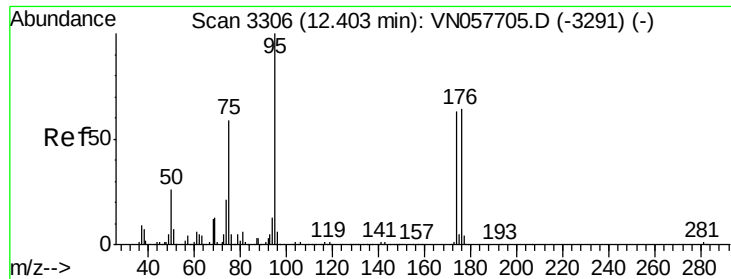
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.957 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057736.D

Acq: 7 Sep 2019 00:06

Instrument :

MSVOA_N

ClientSampleId :

T12-A2-(0)

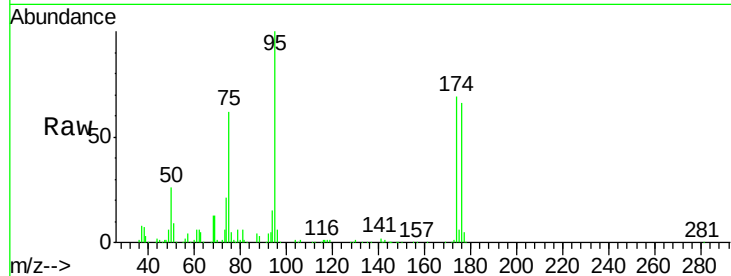
Tot Ion: 95 Resp: 203594

Ion Ratio Lower Upper

95 100

174 70.6 0.0 128.0

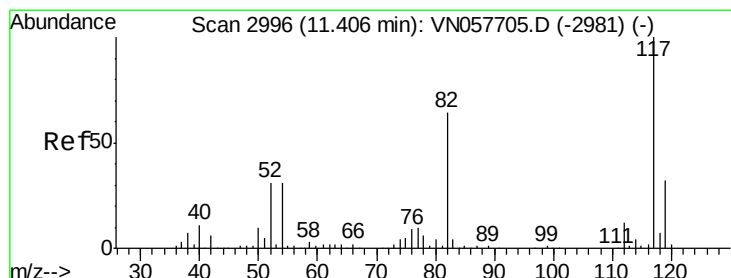
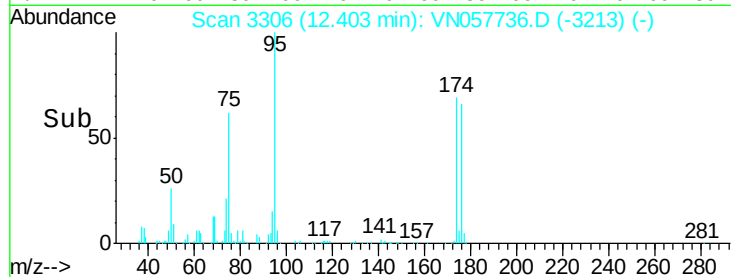
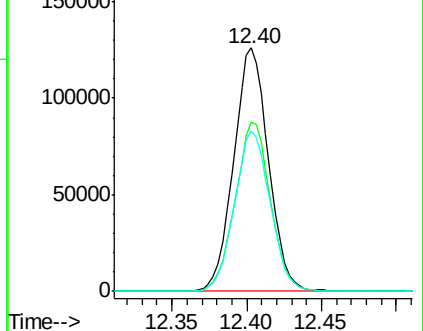
176 67.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057736.D

Acq: 7 Sep 2019 00:06

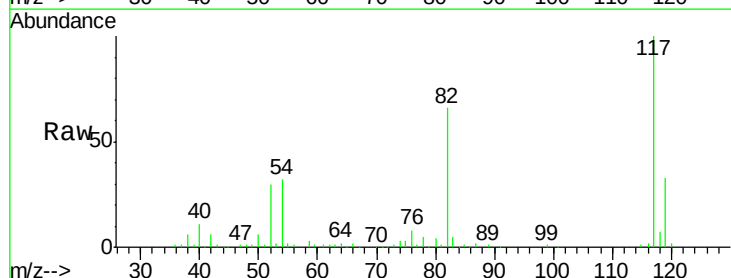
Tgt Ion: 117 Resp: 287884

Ion Ratio Lower Upper

117 100

82 66.0 51.4 77.0

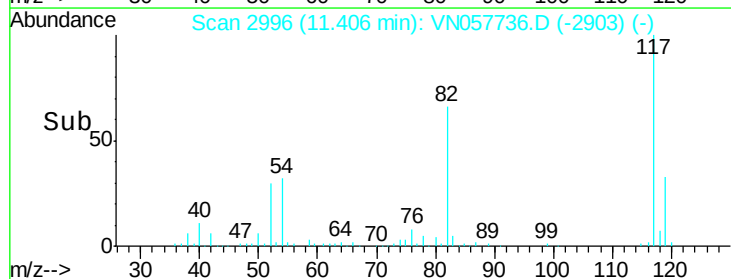
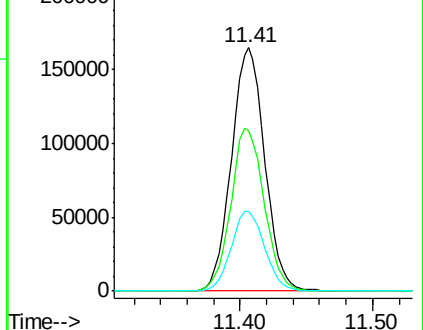
119 32.9 25.4 38.2

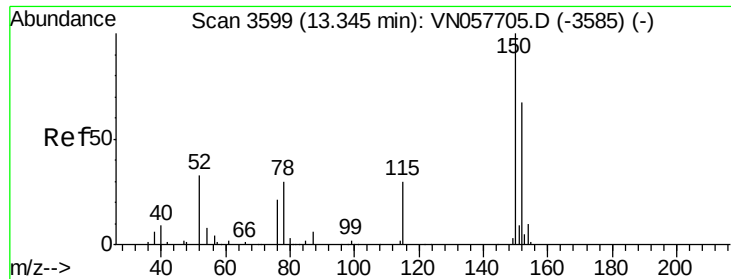


Abundance Ion 116.90 (116.60 to 117.60): VN057705.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057705.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057705.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057736.D

Acq: 7 Sep 2019 00:06

Instrument :

MSVOA_N

ClientSampleId :

T12-A2-(0)

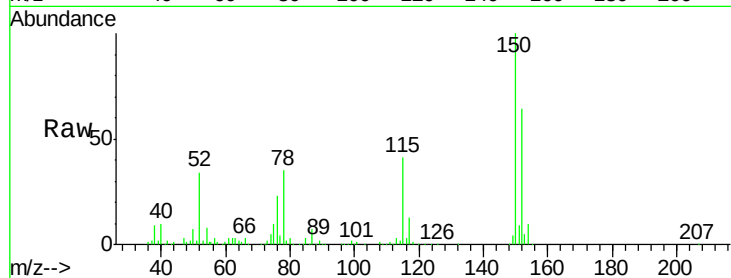
Tot Ion:152 Resp: 148728

Ion Ratio Lower Upper

152 100

115 64.3 33.8 101.3

150 154.2 0.0 345.4



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

