

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057752.D
 Acq On : 7 Sep 2019 14:44
 Operator : JC/SP
 Sample : K4581-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C2-(0)

Quant Time: Sep 08 06:49:32 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

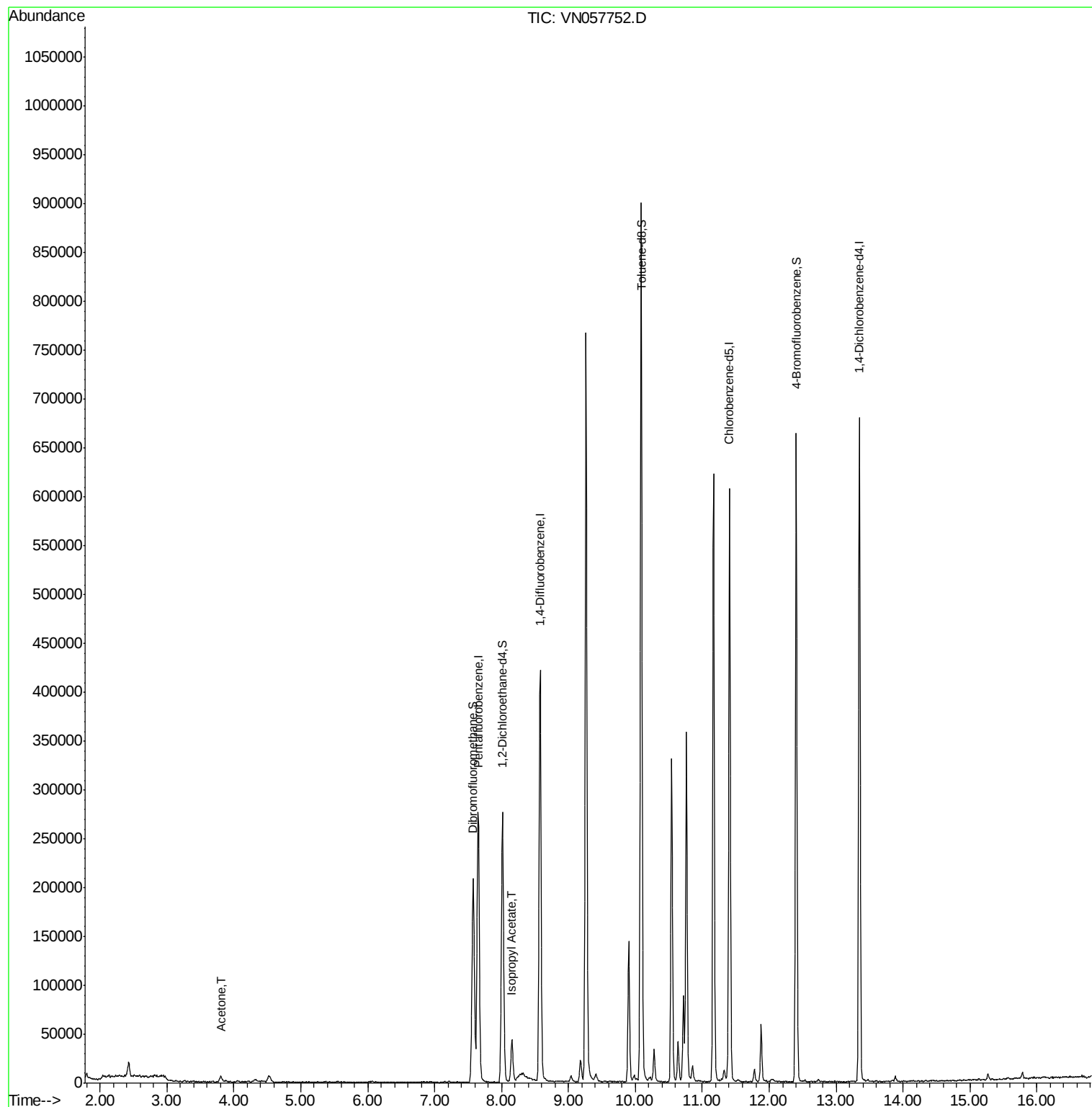
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	202238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	333908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	300961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	244929	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.58	113	147295	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	10.09	98	569922	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	207422	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
16) Acetone	3.81	43	9724	6.423	ug/l	92
43) Isopropyl Acetate	8.15	43	52078	6.152	ug/l	99

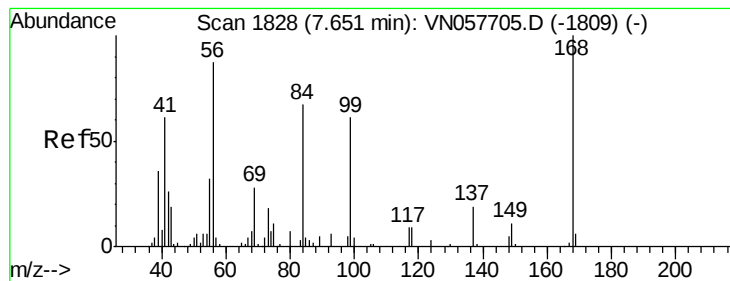
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

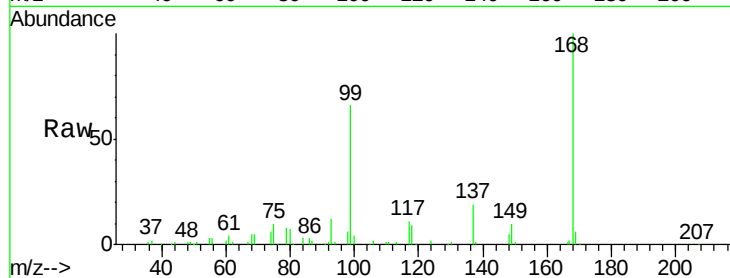
T12-C2-(0)

Tot Ion:168 Resp: 202238

Ion Ratio Lower Upper

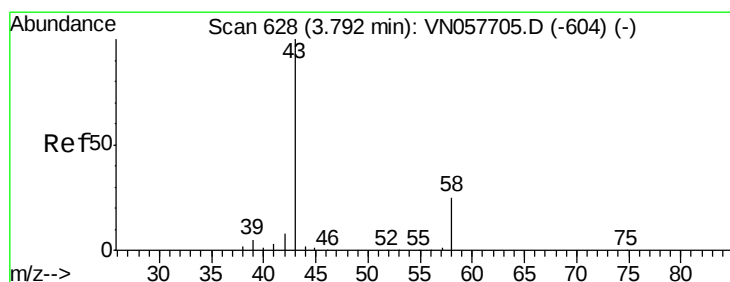
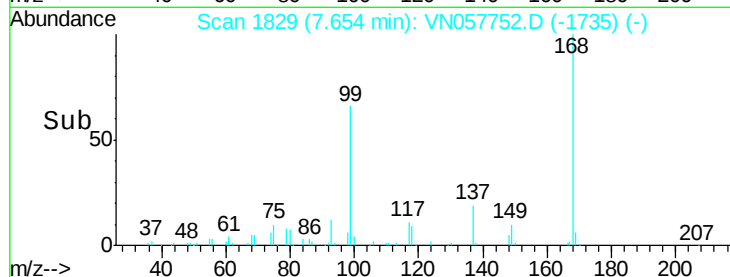
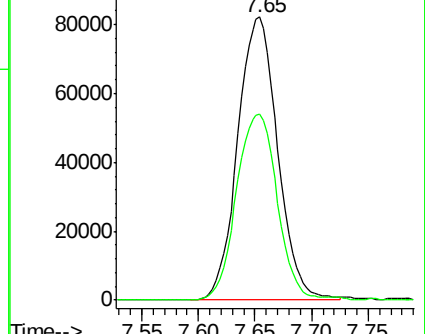
168 100

99 65.6 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.423 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057752.D

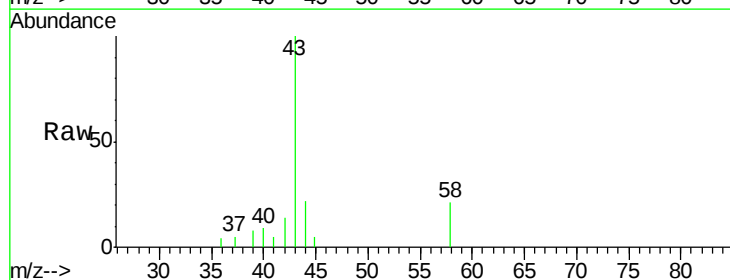
Acq: 7 Sep 2019 14:44

Tgt Ion: 43 Resp: 9724

Ion Ratio Lower Upper

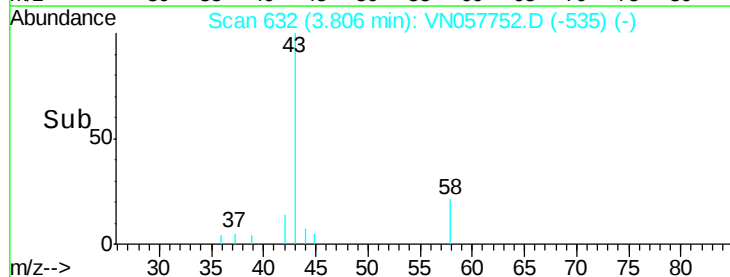
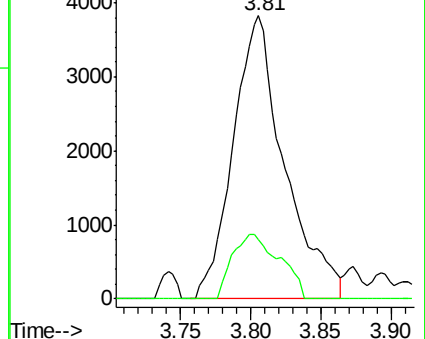
43 100

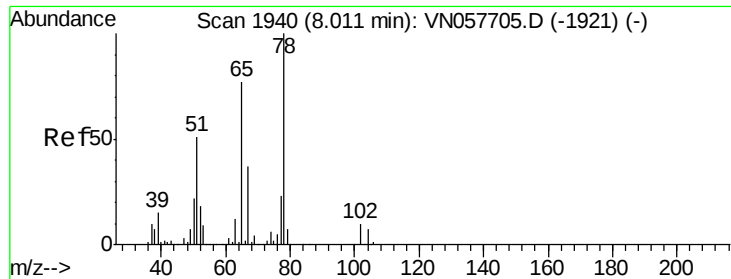
58 21.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 49.784 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

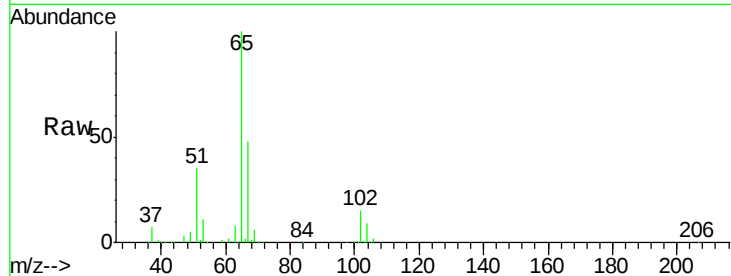
T12-C2-(0)

Tot Ion: 65 Resp: 244929

Ion Ratio Lower Upper

65 100

67 48.8 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN057705.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057705.D (-1921) (-)

8.01

120000

100000

80000

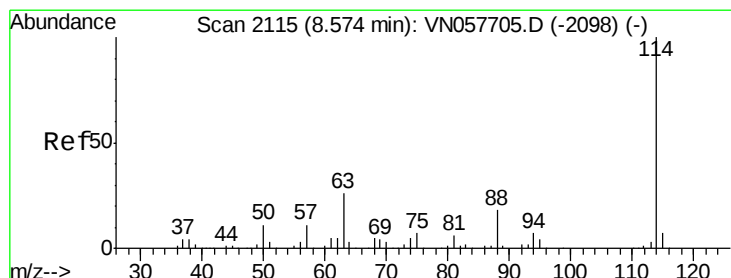
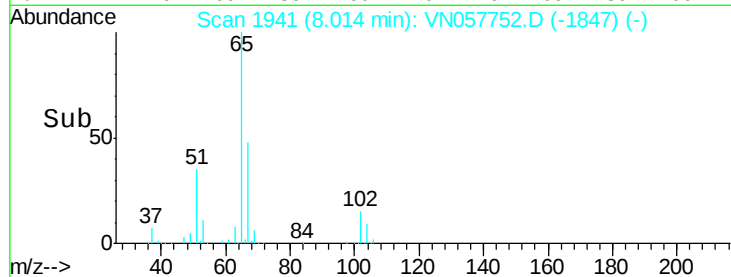
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

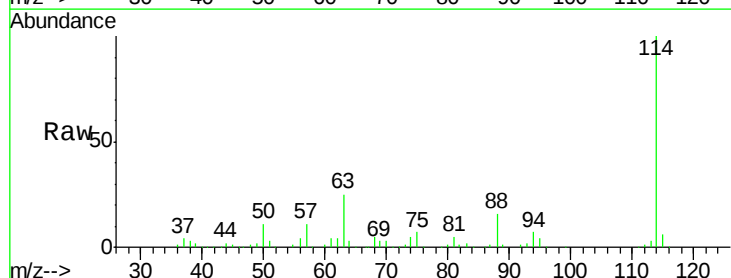
Tgt Ion: 114 Resp: 333908

Ion Ratio Lower Upper

114 100

63 24.8 0.0 52.4

88 15.9 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): VN057705.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057705.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057705.D (-2098) (-)

8.58

200000

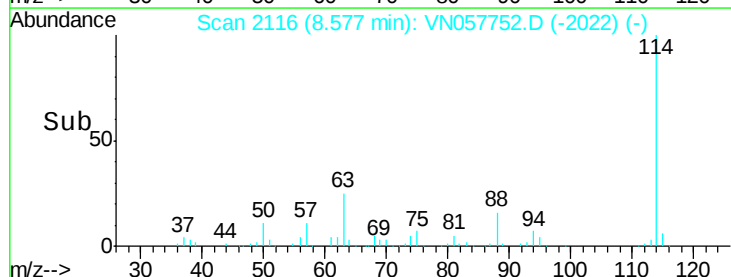
150000

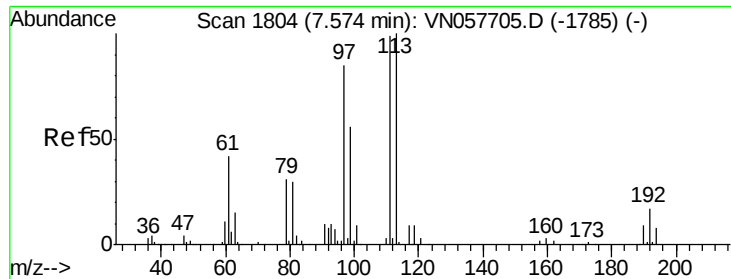
100000

50000

0

Time-->

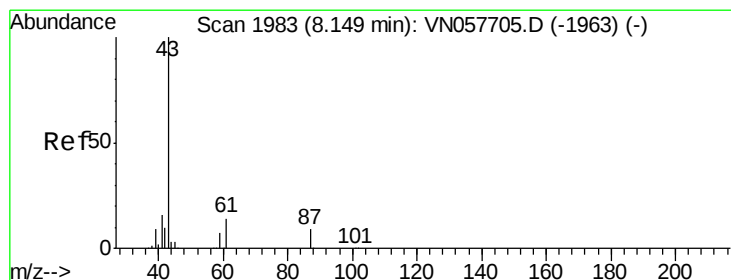
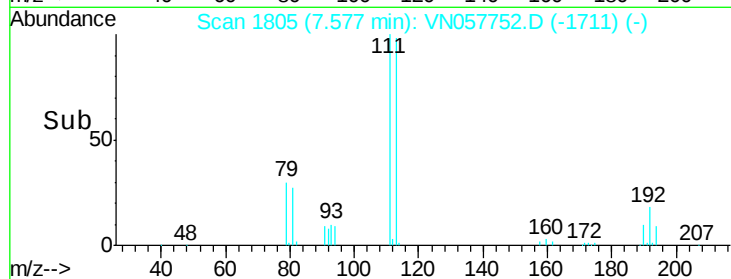
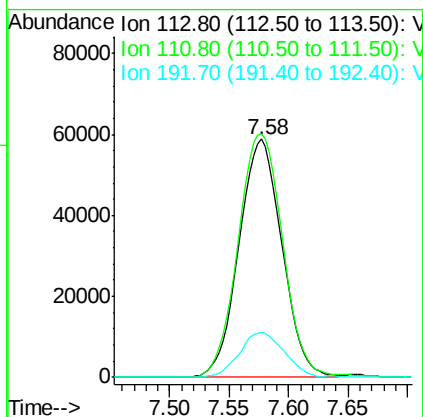
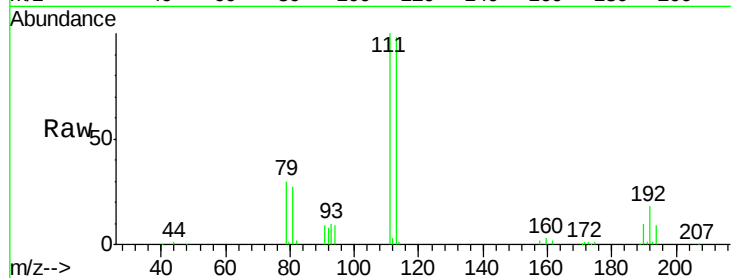




#35
 Dibromofluoromethane
 Concen: 48.430 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057752.D
 Acq: 7 Sep 2019 14:44

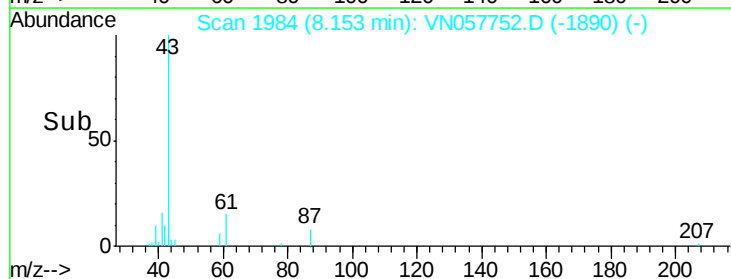
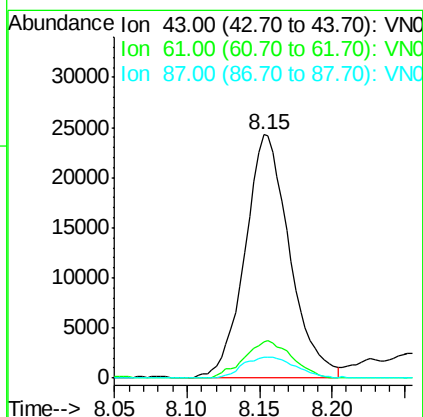
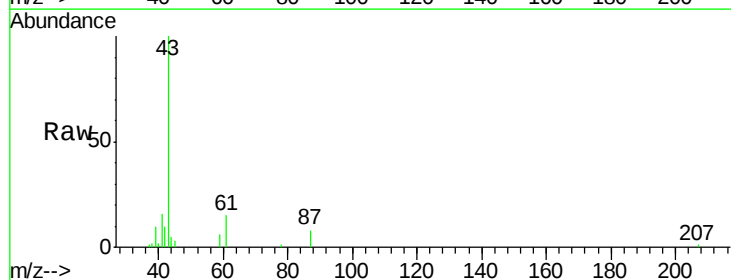
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C2-(0)

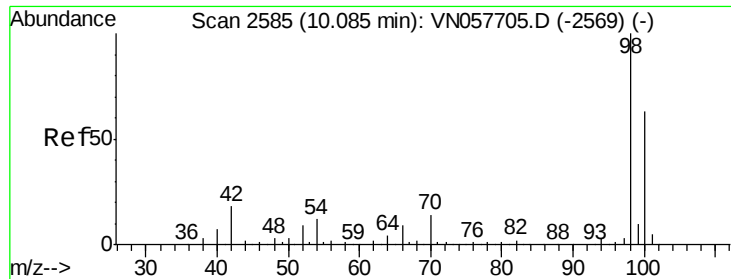
Tot Ion:113 Resp: 147295
 Ion Ratio Lower Upper
 113 100
 111 106.6 82.7 124.1
 192 19.6 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 6.152 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN057752.D
 Acq: 7 Sep 2019 14:44

Tgt Ion: 43 Resp: 52078
 Ion Ratio Lower Upper
 43 100
 61 16.2 12.8 19.2
 87 10.1 7.8 11.8





#50

Toluene-d8

Concen: 50.656 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

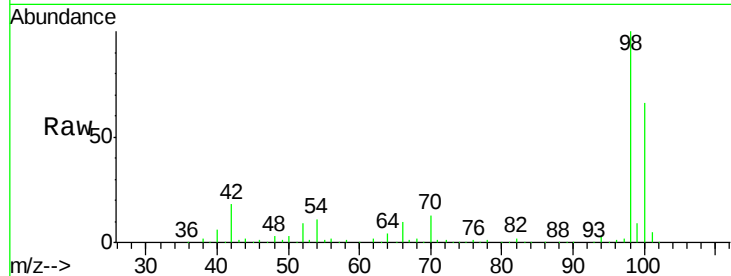
T12-C2-(0)

Tot Ion: 98 Resp: 569922

Ion Ratio Lower Upper

98 100

100 64.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)

10.09

300000

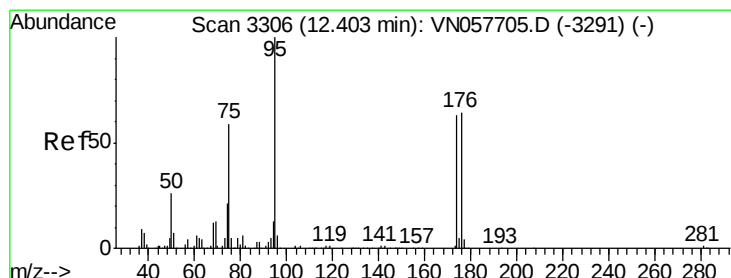
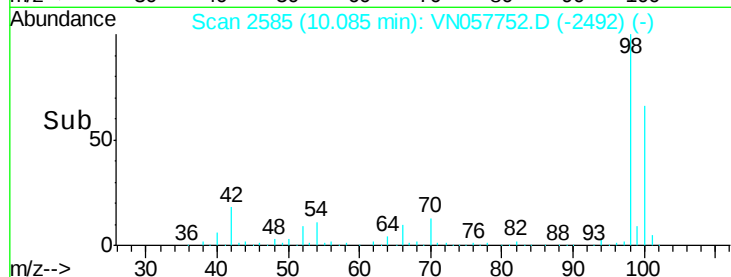
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 44.387 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

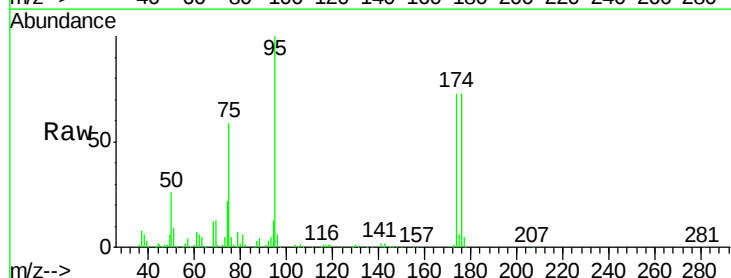
Tgt Ion: 95 Resp: 207422

Ion Ratio Lower Upper

95 100

174 73.3 0.0 128.0

176 72.4 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) (-)

12.40

150000

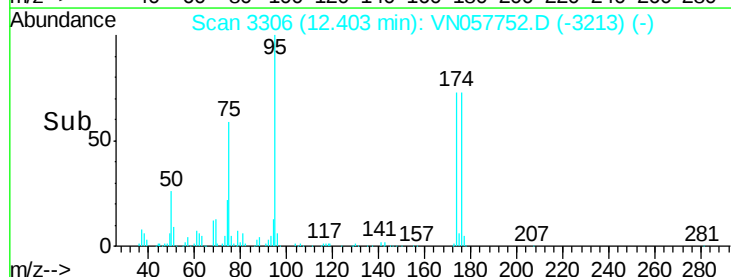
100000

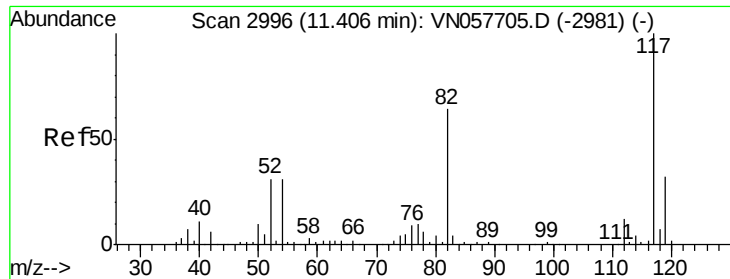
50000

0

Time-->

12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

T12-C2-(0)

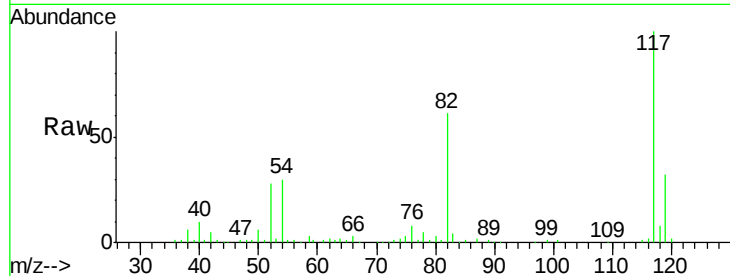
Tot Ion:117 Resp: 300961

Ion Ratio Lower Upper

117 100

82 61.3 51.4 77.0

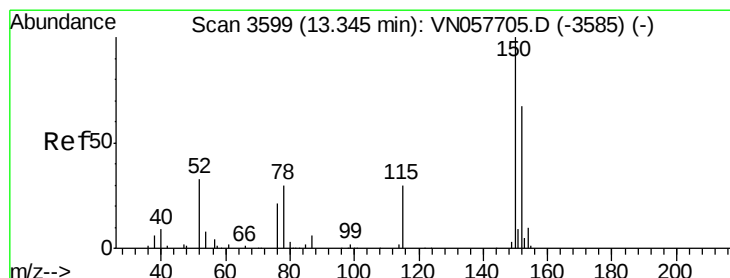
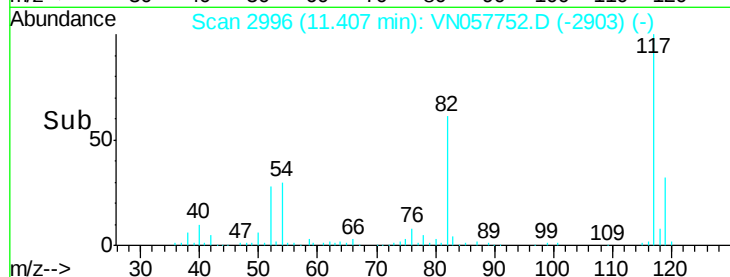
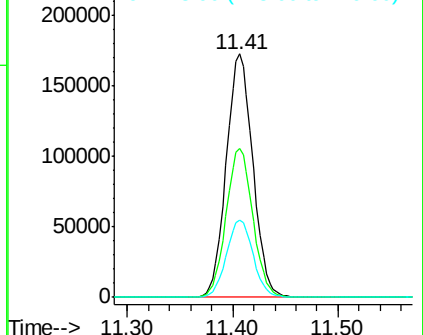
119 31.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057752.D

Acq: 7 Sep 2019 14:44

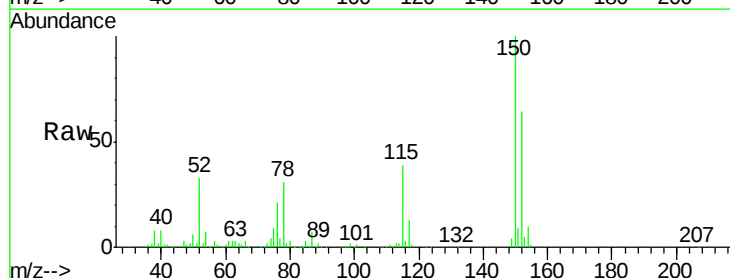
Tgt Ion:152 Resp: 155958

Ion Ratio Lower Upper

152 100

115 63.5 33.8 101.3

150 159.7 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

