

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057146.D
 Acq On : 9 Aug 2019 15:01
 Operator : JC/SP
 Sample : K4262-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB_080819

Quant Time: Aug 10 07:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

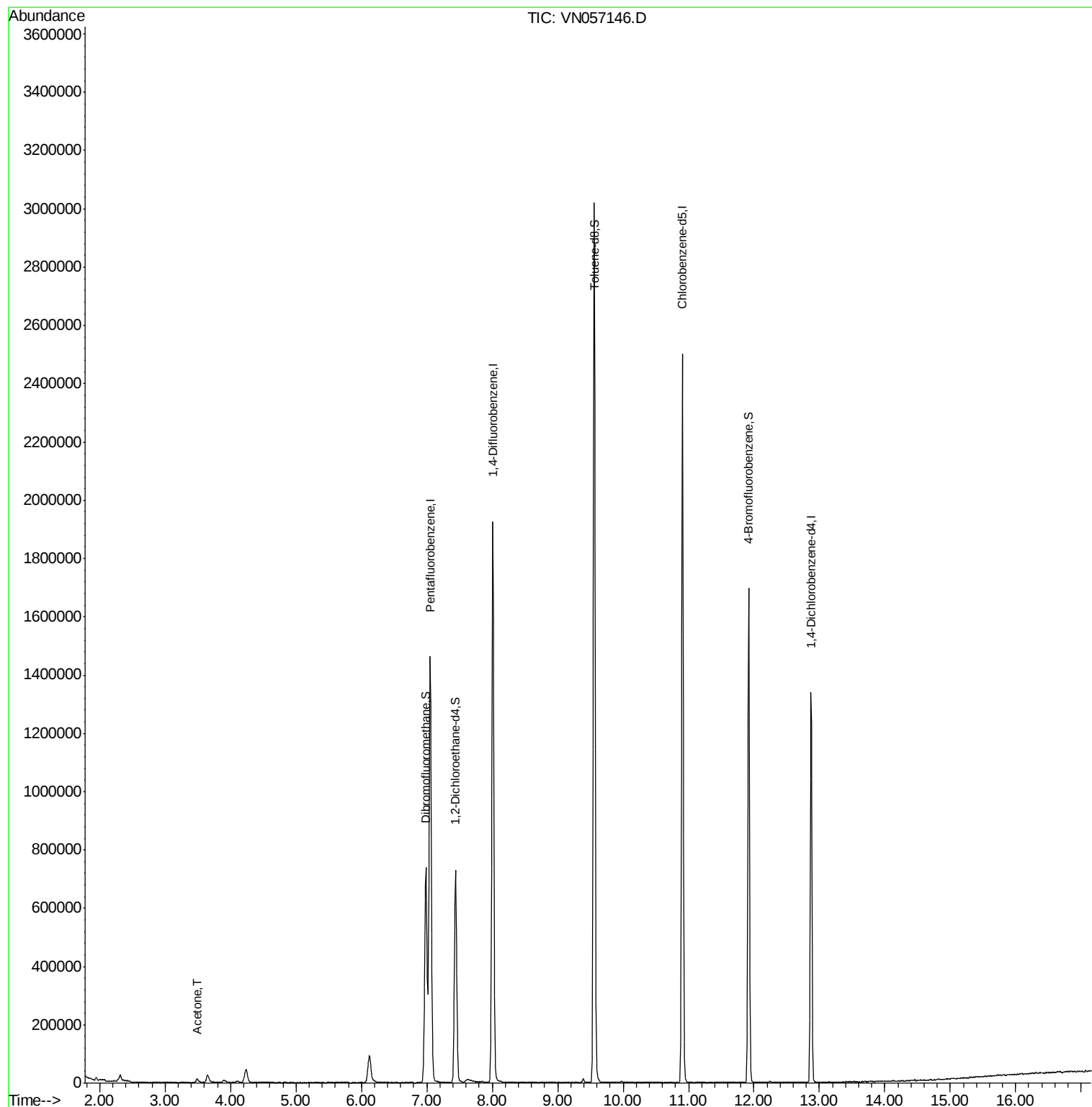
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1387096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1936551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1604860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	397588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	659745	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
35) Dibromofluoromethane	6.99	113	595301	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	9.56	98	2252115	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.92	95	592510	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
Target Compounds						
16) Acetone	3.49	43	14965	3.474	ug/l #	Qvalue 83

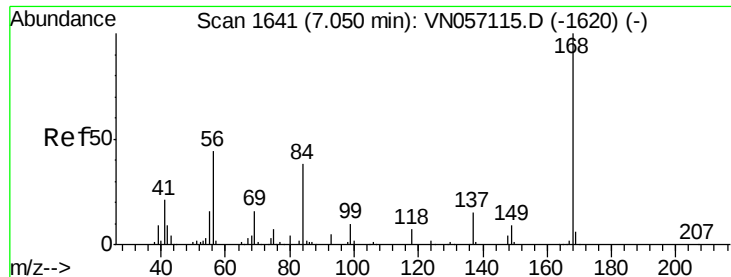
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

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ClientSampleId :

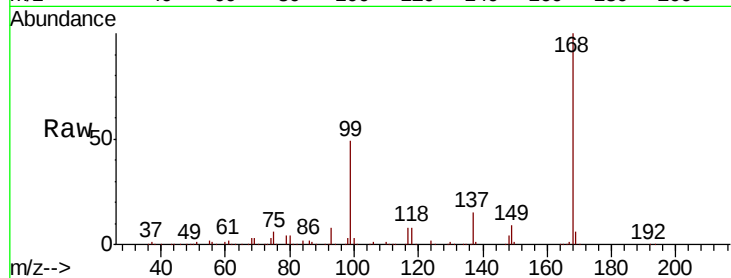
FB_080819

Tot Ion:168 Resp: 1387096

Ion Ratio Lower Upper

168 100

99 49.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

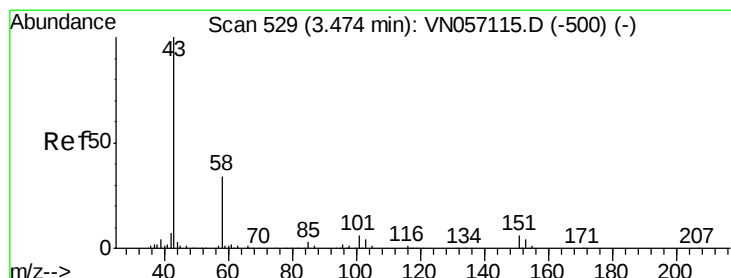
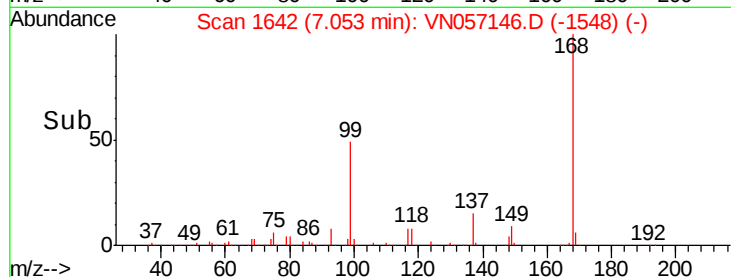
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.474 ug/l

RT: 3.49 min Scan# 533

Delta R.T. 0.01 min

Lab File: VN057146.D

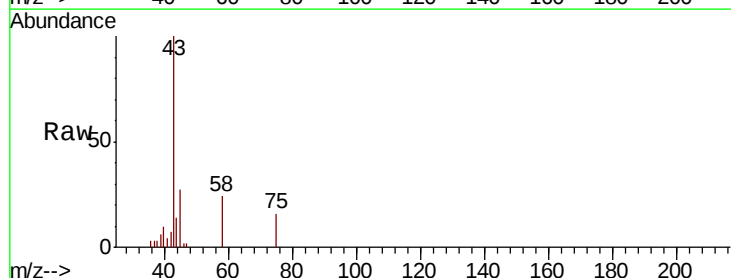
Acq: 9 Aug 2019 15:01

Tgt Ion: 43 Resp: 14965

Ion Ratio Lower Upper

43 100

58 24.5 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.49

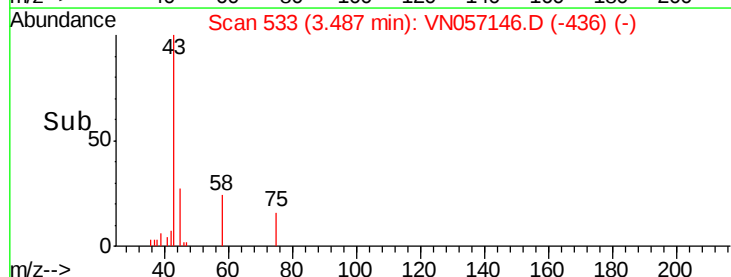
6000

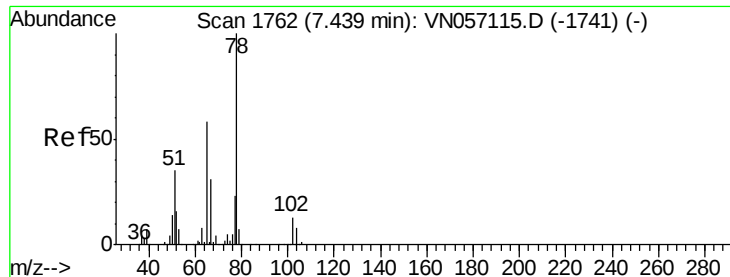
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.248 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

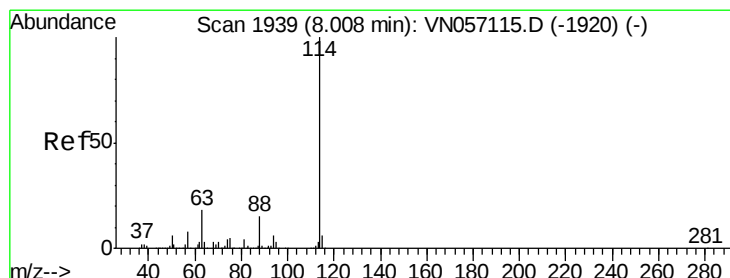
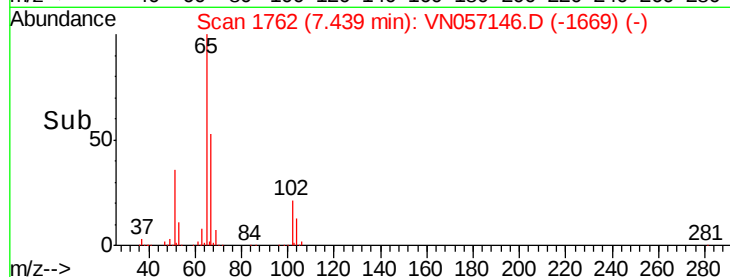
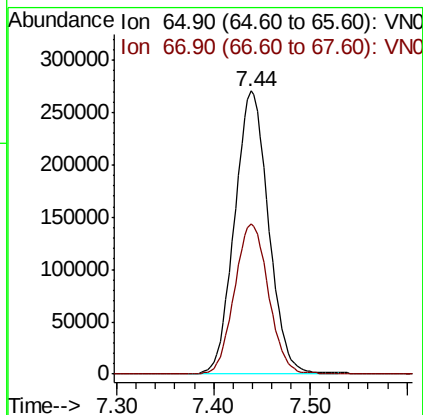
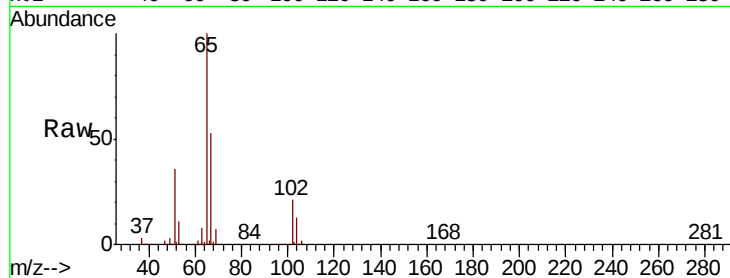
FB_080819

Tot Ion: 65 Resp: 659745

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

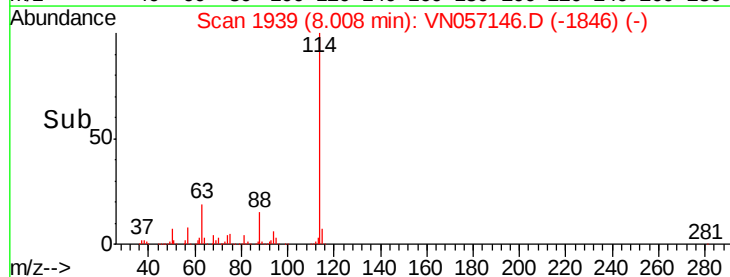
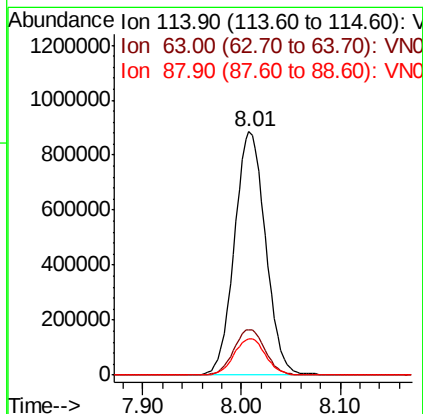
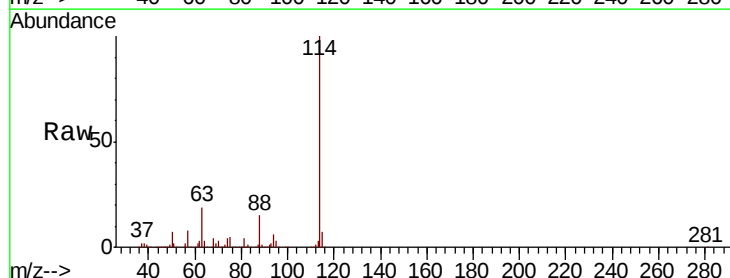
Tgt Ion: 114 Resp: 1936551

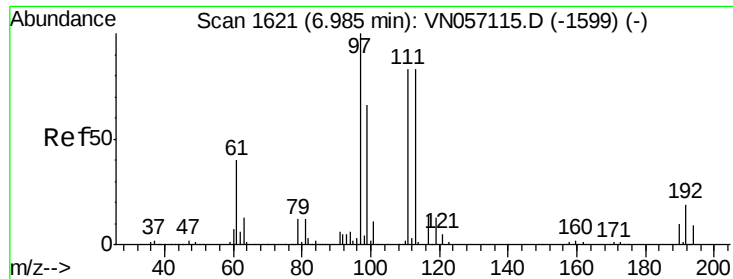
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

88 14.9 0.0 30.0

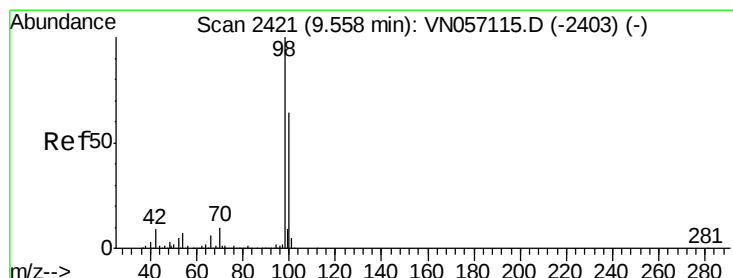
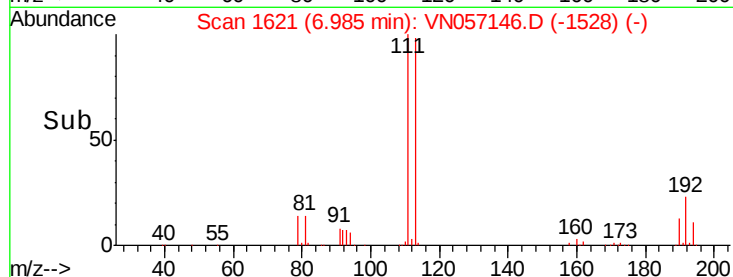
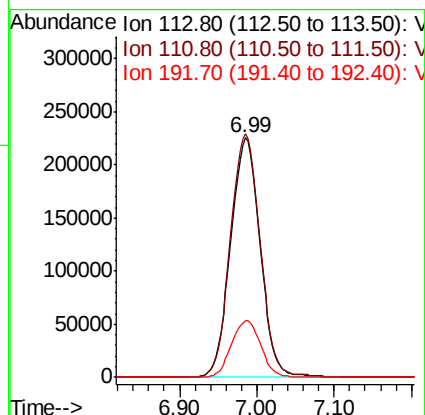
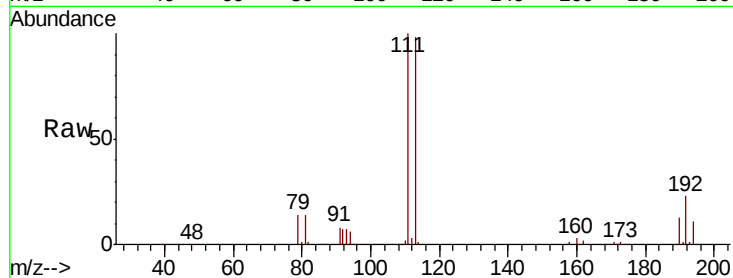




#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057146.D
Acq: 9 Aug 2019 15:01

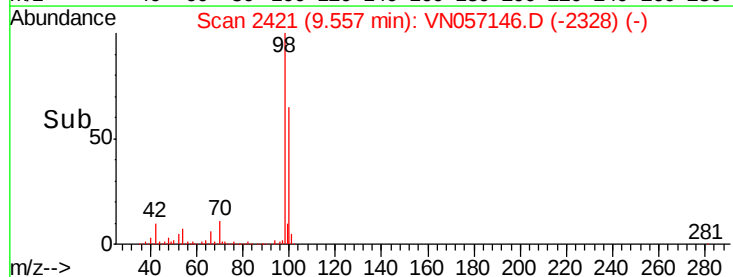
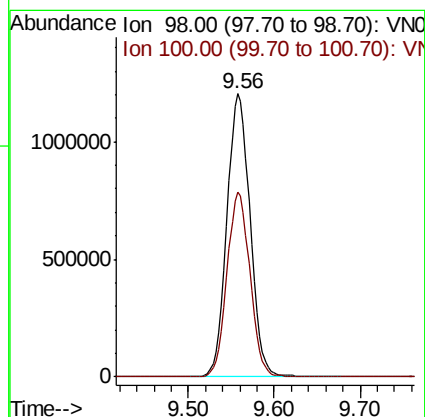
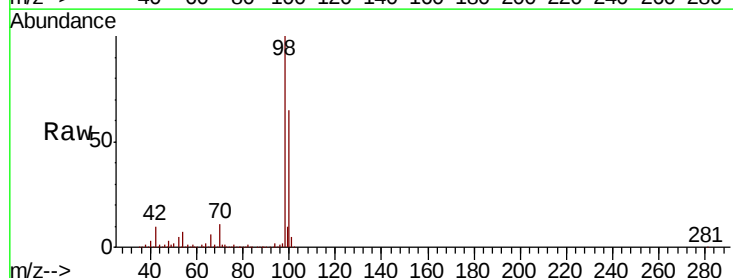
Instrument :
MSVOA_N
ClientSampleId :
FB_080819

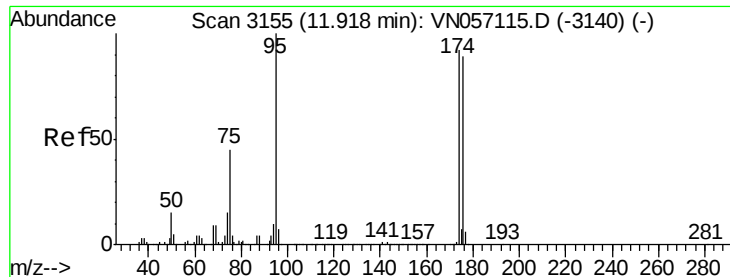
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	23.7	19.0	28.4



#50
Toluene-d8
Concen: 48.441 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057146.D
Acq: 9 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 39.553 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

FB_080819

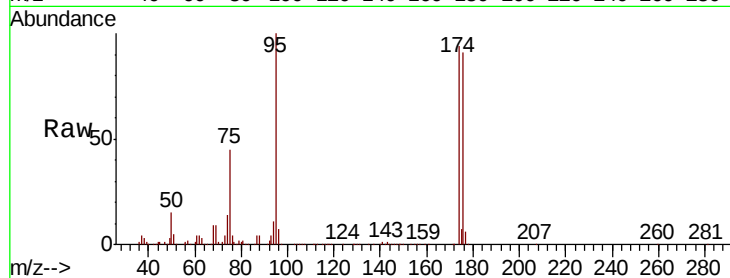
Tot Ion: 95 Resp: 592510

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.0

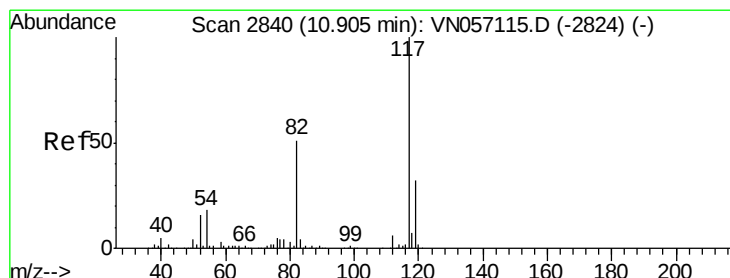
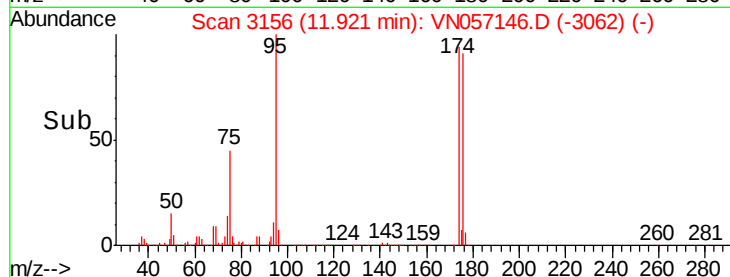
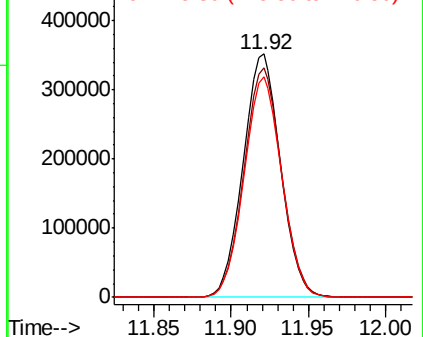
176 91.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

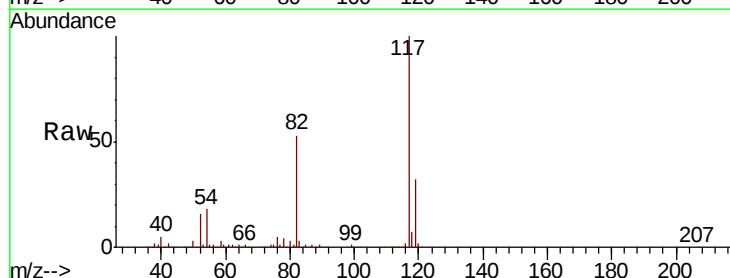
Tgt Ion: 117 Resp: 1604860

Ion Ratio Lower Upper

117 100

82 52.6 40.8 61.2

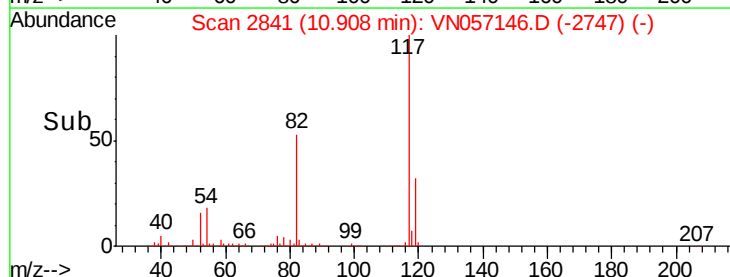
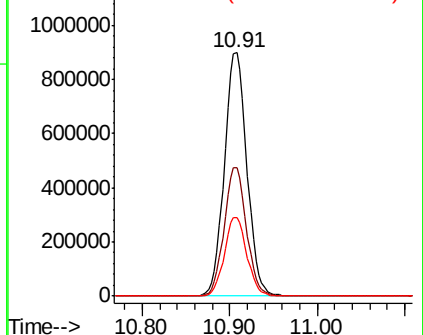
119 32.5 25.7 38.5

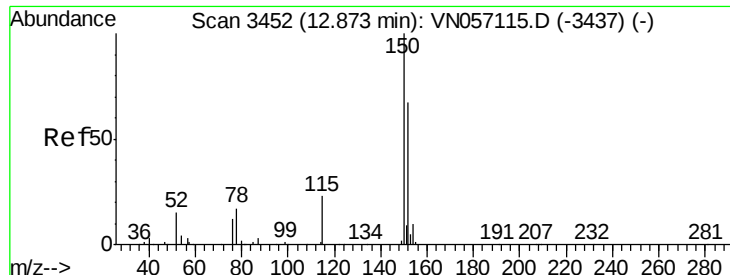


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057146.D

Acq: 9 Aug 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

FB_080819

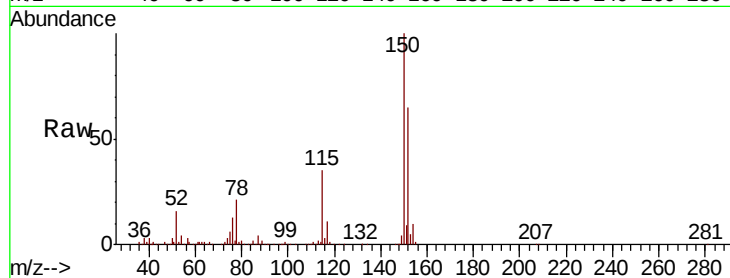
Tot Ion:152 Resp: 397588

Ion Ratio Lower Upper

152 100

115 56.3 27.5 82.5

150 156.1 0.0 341.6



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

