

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057235.D
 Acq On : 12 Aug 2019 23:20
 Operator : JC/SP
 Sample : K4229-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-A2-(1)

Quant Time: Aug 13 03:43:40 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

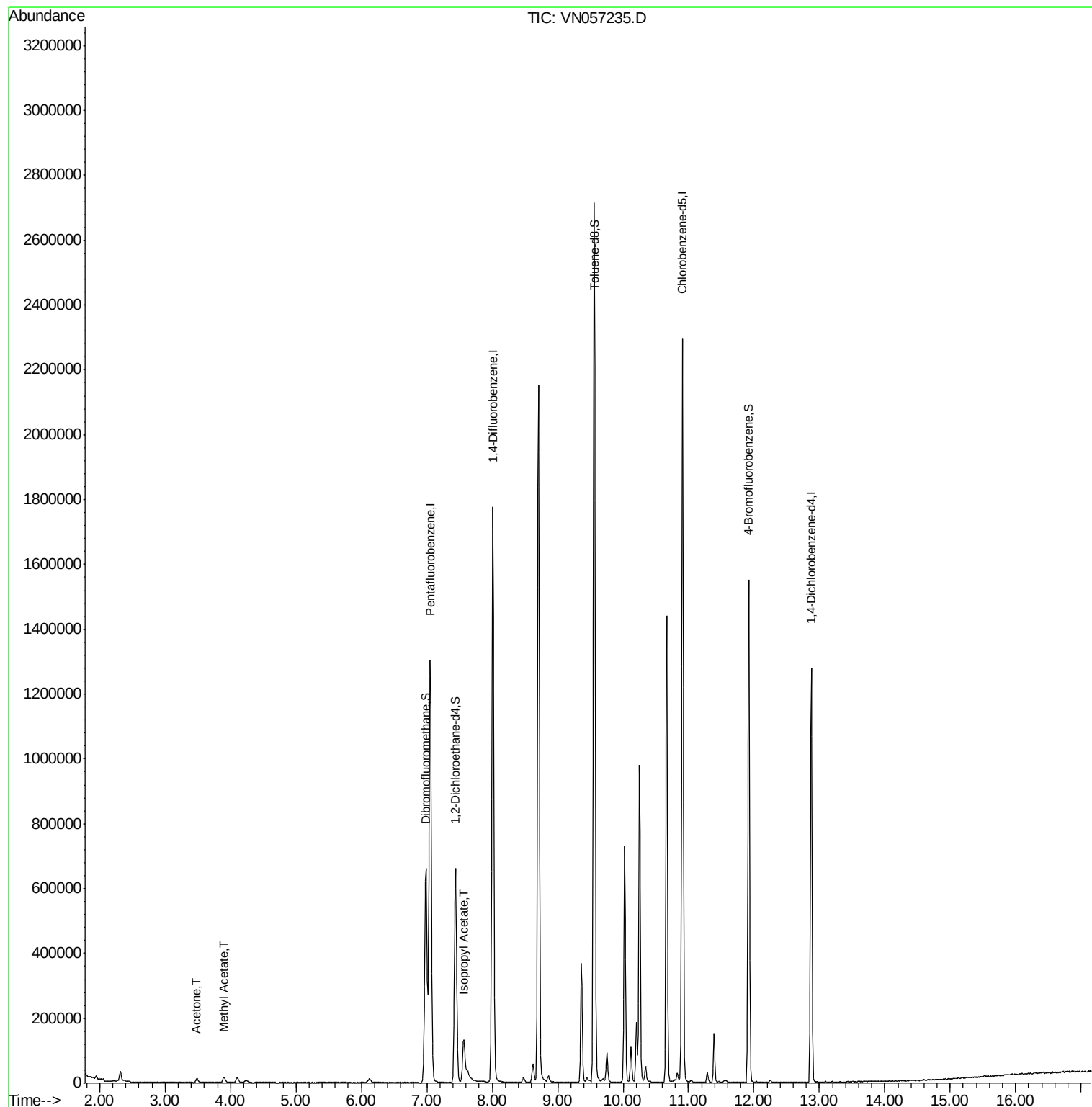
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1261848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1757403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1456256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	378919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	583858	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	6.99	113	533444	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	9.56	98	2031115	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.92	95	531186	39.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.14%	
Target Compounds						
16) Acetone	3.48	43	19828	5.059	ug/l	99
18) Methyl Acetate	3.90	43	29216	1.870	ug/l	100
43) Isopropyl Acetate	7.56	43	174792	8.587	ug/l #	83

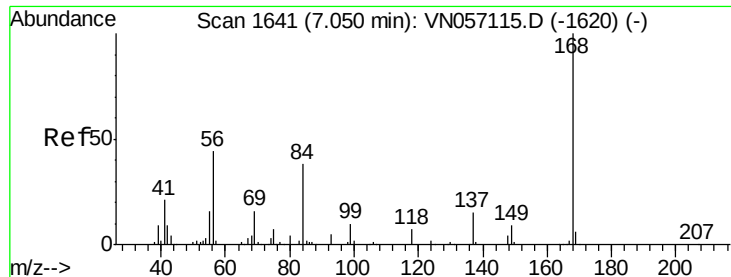
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057235.D

Acq: 12 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampled :

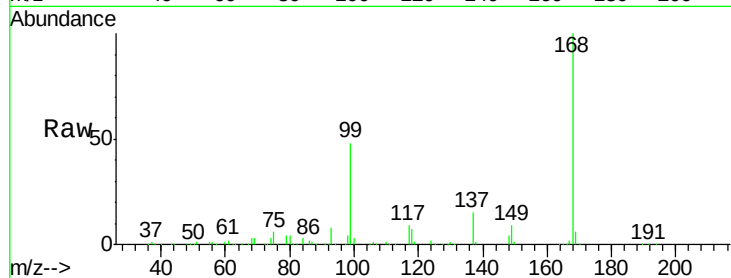
2S-A2-(1)

Tot Ion:168 Resp: 1261848

Ion Ratio Lower Upper

168 100

99 47.6 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

500000

400000

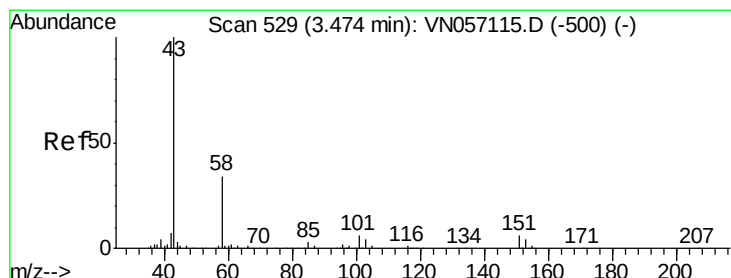
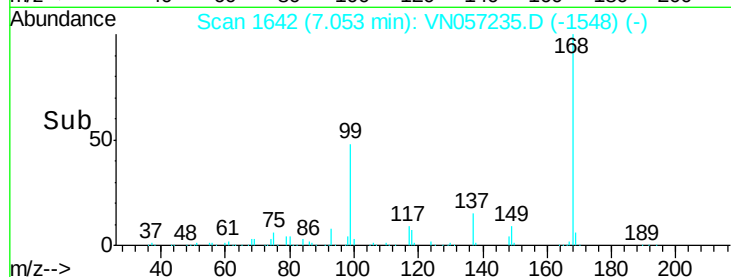
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 5.059 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057235.D

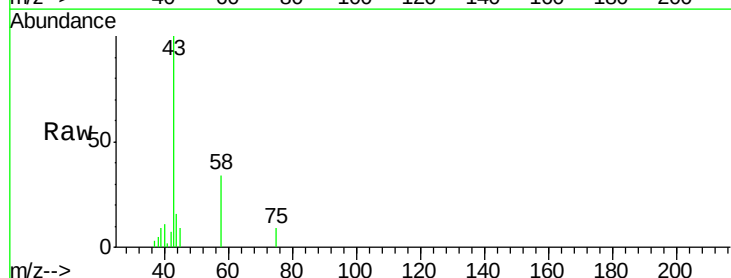
Acq: 12 Aug 2019 23:20

Tgt Ion: 43 Resp: 19828

Ion Ratio Lower Upper

43 100

58 33.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

8000

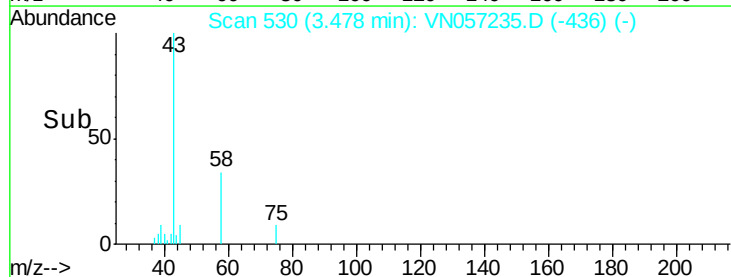
6000

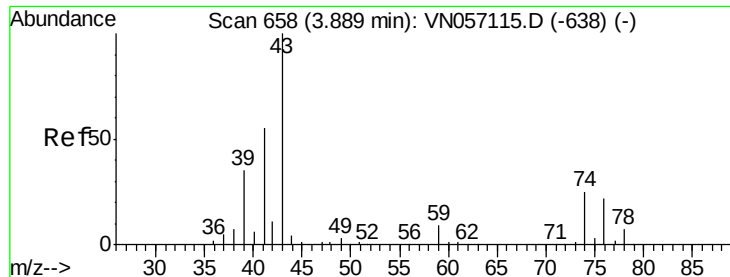
4000

2000

0

Time--> 3.40 3.45 3.50 3.55

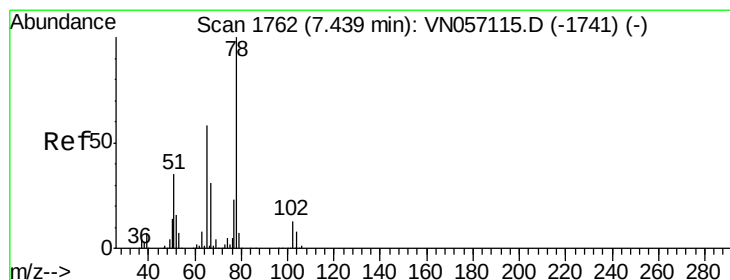
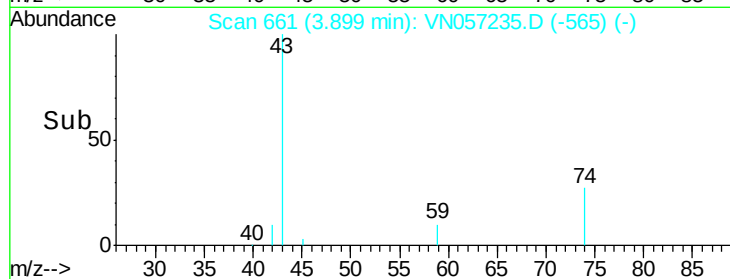
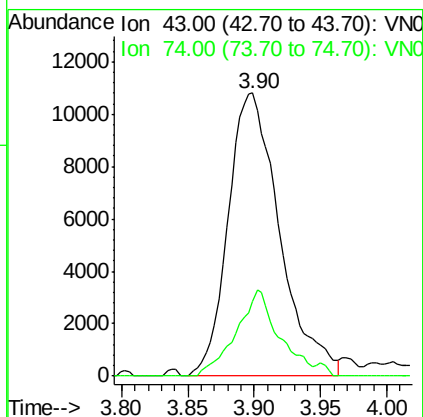
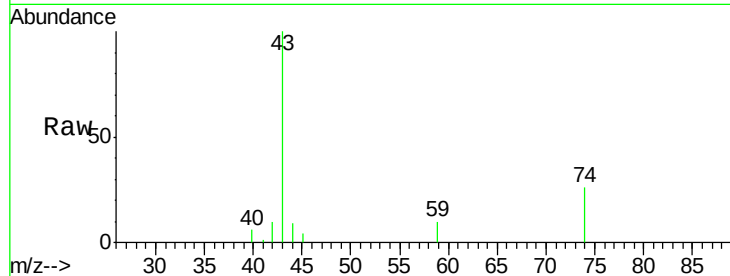




#18
Methvl Acetate
Concen: 1.870 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057235.D
Acq: 12 Aug 2019 23:20

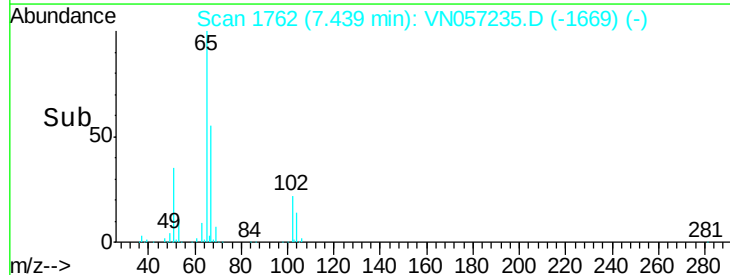
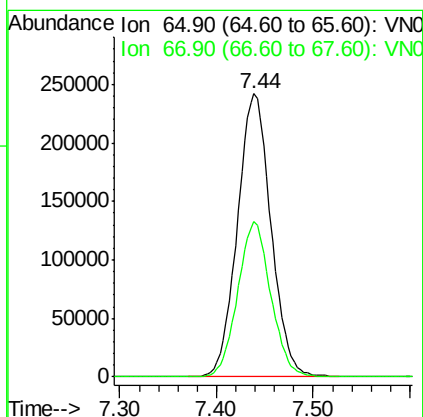
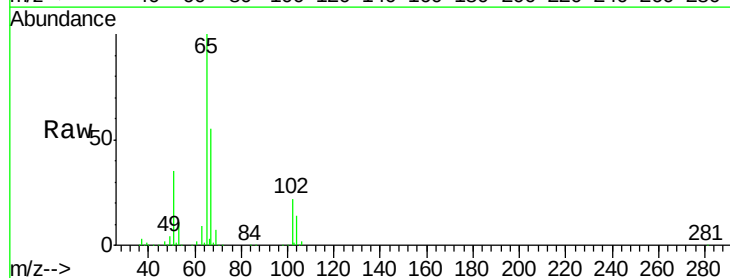
Instrument :
MSVOA_N
ClientSampleId :
2S-A2-(1)

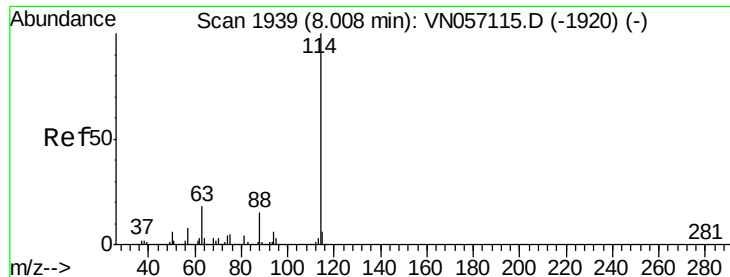
Tot Ion: 43 Resp: 29216
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 44.991 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057235.D
Acq: 12 Aug 2019 23:20

Tgt Ion: 65 Resp: 583858
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.2

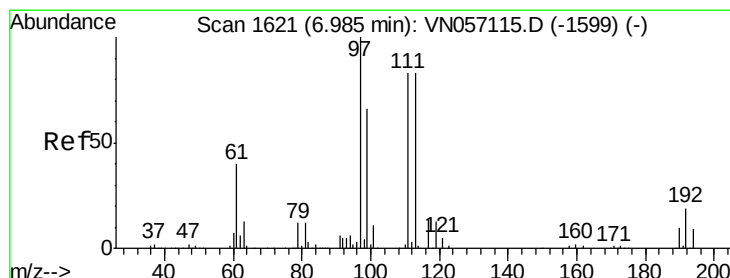
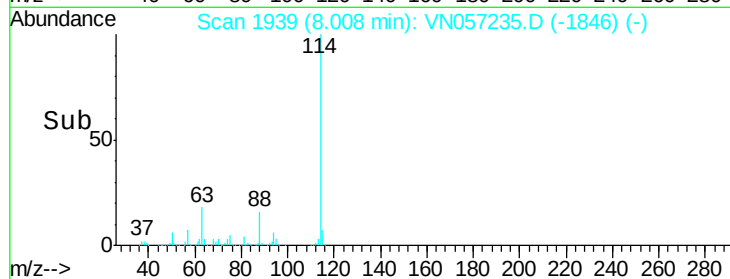
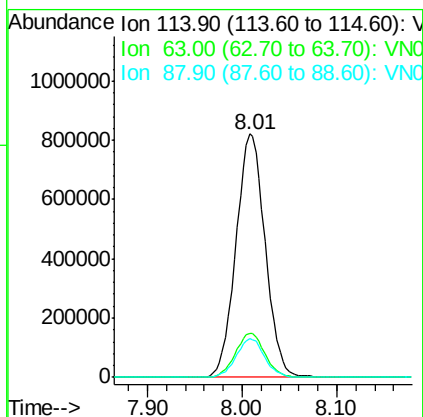
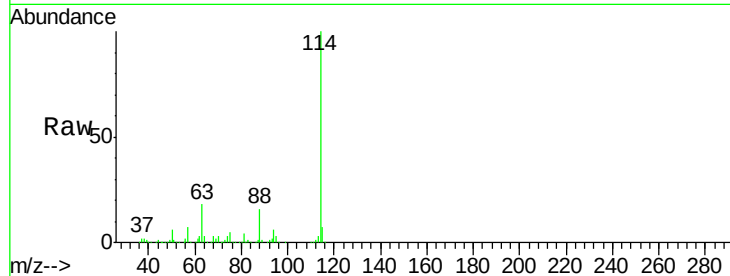




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057235.D
 Acq: 12 Aug 2019 23:20

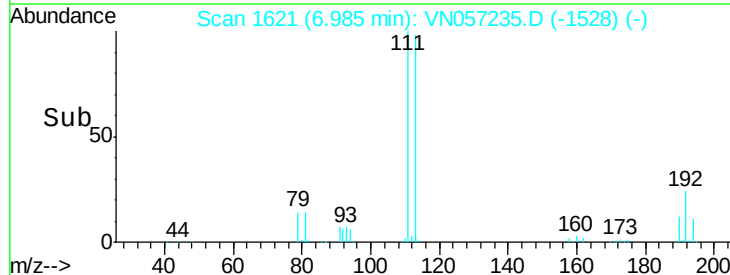
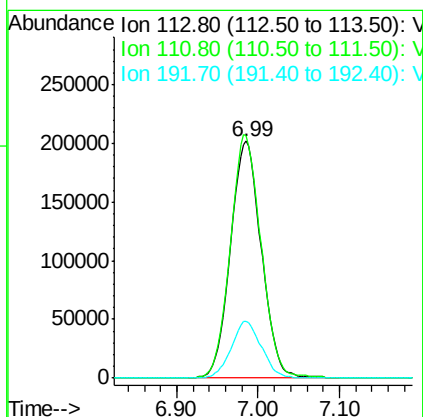
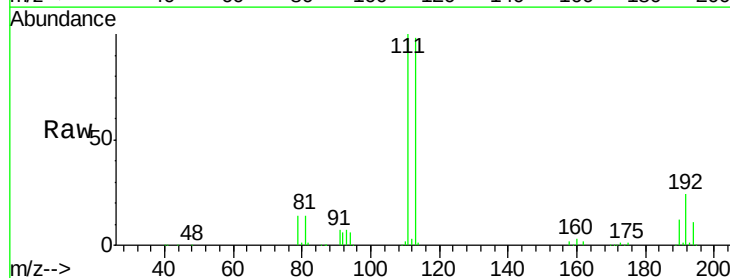
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-A2-(1)

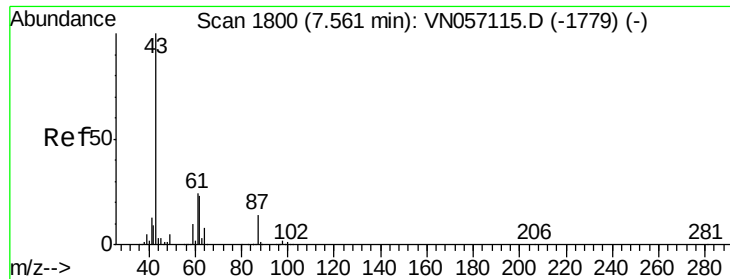
Tot Ion:114 Resp: 1757403
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.2
 88 15.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.372 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057235.D
 Acq: 12 Aug 2019 23:20

Tgt Ion:113 Resp: 533444
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.3 121.9
 192 23.4 19.0 28.4





#43

Isopropyl Acetate

Concen: 8.587 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057235.D

Acq: 12 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

2S-A2-(1)

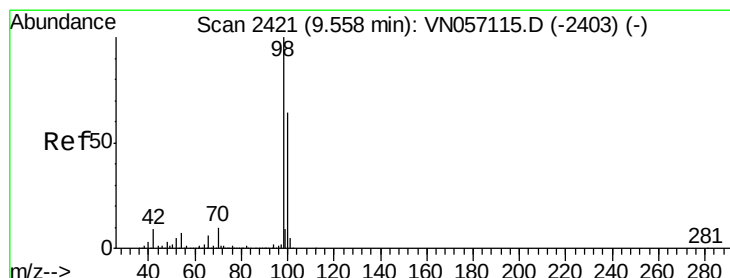
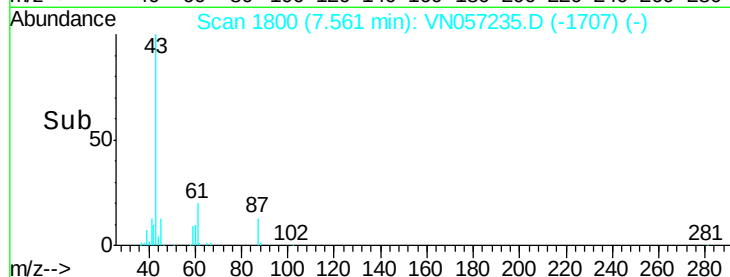
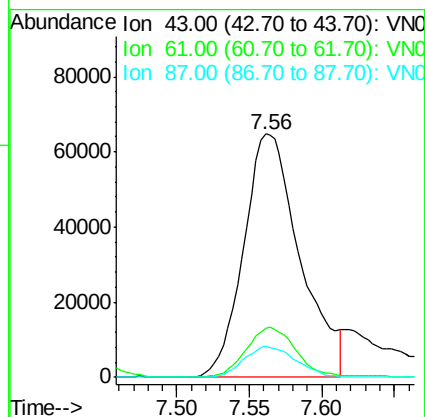
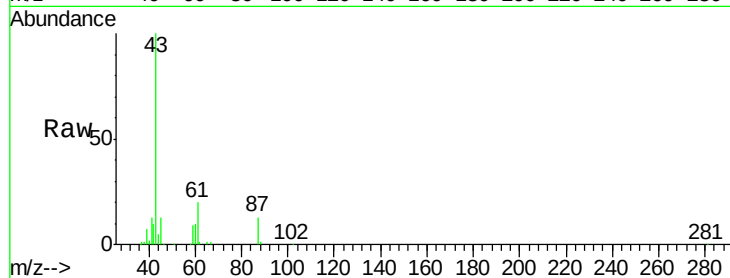
Tot Ion: 43 Resp: 174792

Ion Ratio Lower Upper

43 100

61 18.2 24.2 36.2#

87 11.8 11.8 17.8#



#50

Toluene-d8

Concen: 48.141 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057235.D

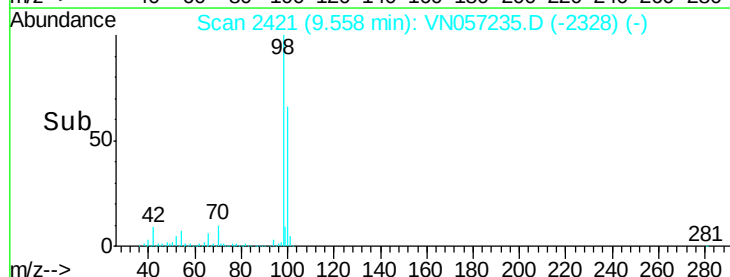
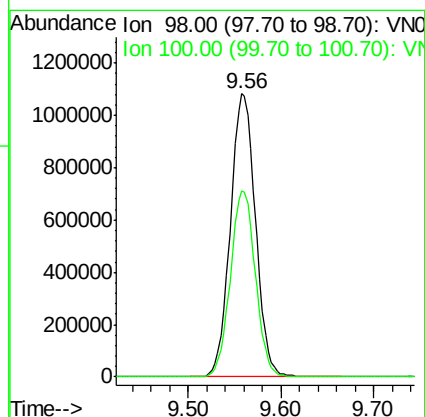
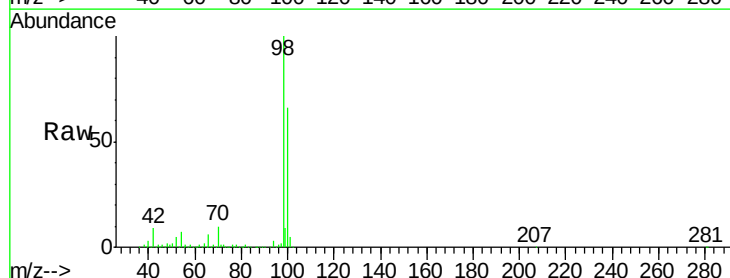
Acq: 12 Aug 2019 23:20

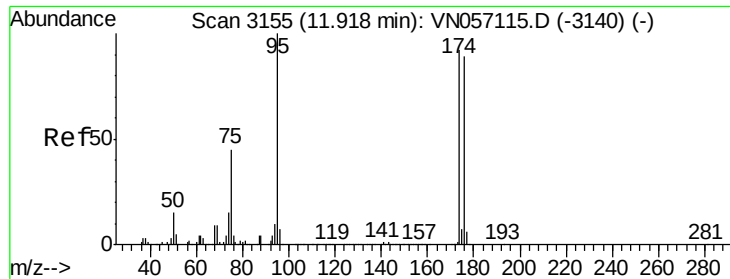
Tgt Ion: 98 Resp: 2031115

Ion Ratio Lower Upper

98 100

100 65.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 39.074 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057235.D

Acq: 12 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

2S-A2-(1)

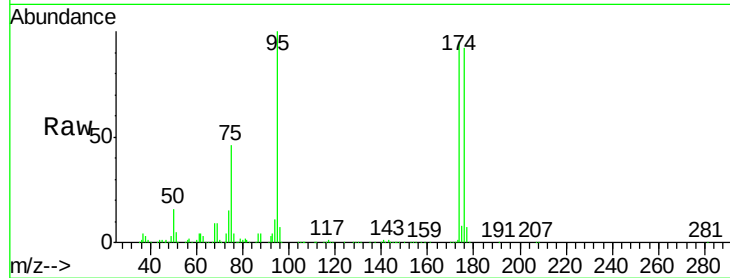
Tot Ion: 95 Resp: 531186

Ion Ratio Lower Upper

95 100

174 96.0 0.0 185.0

176 93.5 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) (-)

11.92

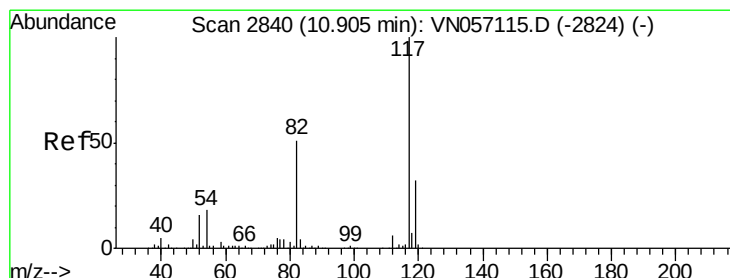
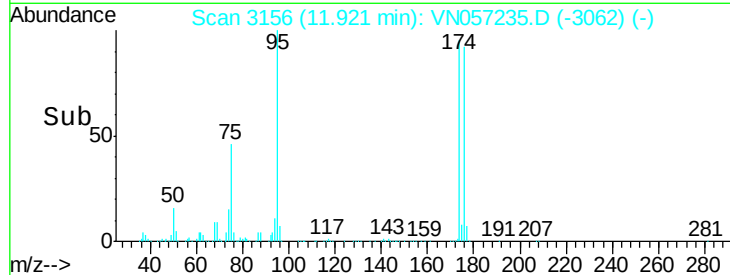
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057235.D

Acq: 12 Aug 2019 23:20

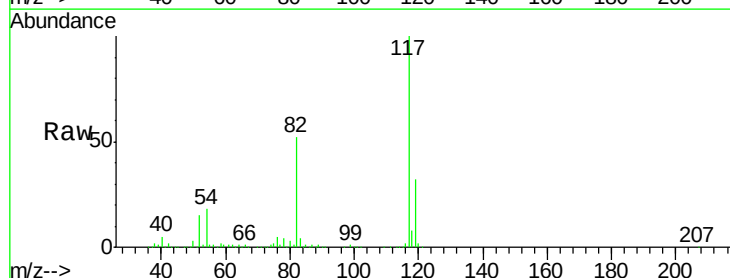
Tgt Ion: 117 Resp: 1456256

Ion Ratio Lower Upper

117 100

82 52.1 40.8 61.2

119 32.4 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) (-)

10.91

1000000

800000

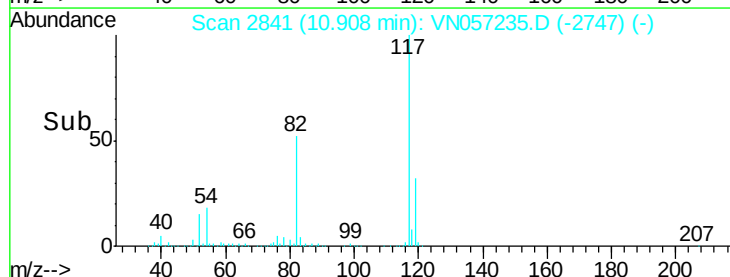
600000

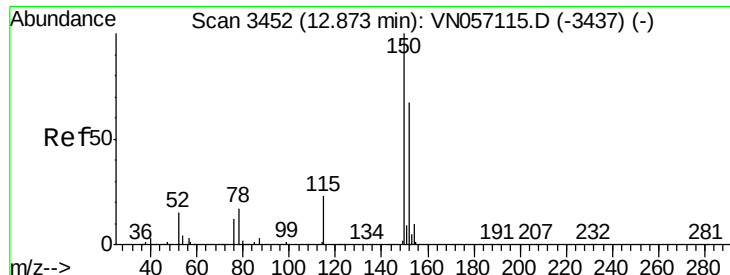
400000

200000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057235.D

Acq: 12 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

2S-A2-(1)

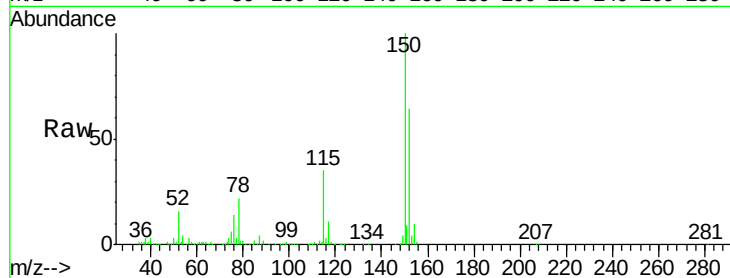
Tot Ion:152 Resp: 378919

Ion Ratio Lower Upper

152 100

115 53.4 27.5 82.5

150 155.9 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

