

Data File : VN057181.D
Acq On : 11 Aug 2019 12:38
Operator : JC/SP
Sample : K4227-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-I(0)

Quant Time: Aug 12 06:40:34 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

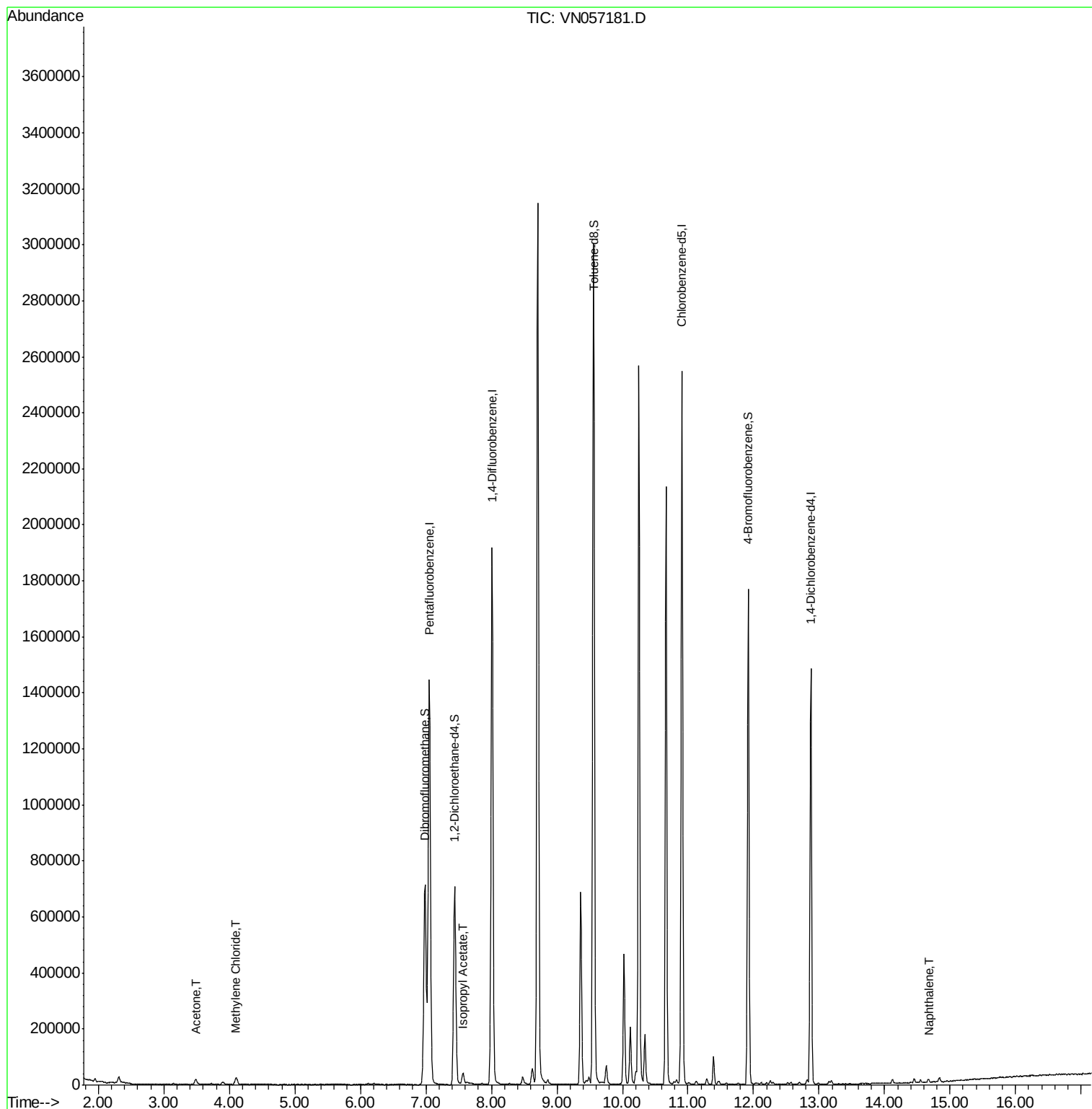
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1395876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1936861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1631117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	444813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	627090	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	6.99	113	580450	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	9.56	98	2273244	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.92	95	619559	41.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.70%	
Target Compounds						
16) Acetone	3.48	43	25221	5.817	ug/l	93
20) Methylene Chloride	4.10	84	17975	1.256	ug/l	94
43) Isopropyl Acetate	7.56	43	52070	2.321	ug/l #	89
95) Naphthalene	14.67	128	9110	3.597	ug/l #	91

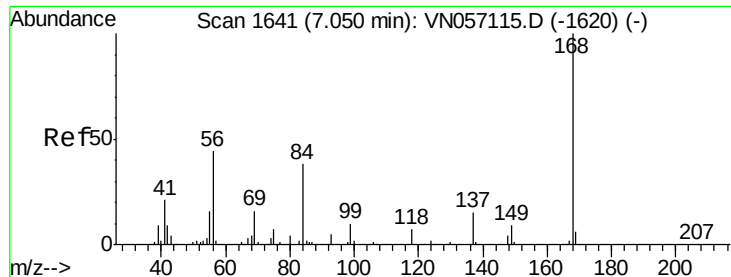
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

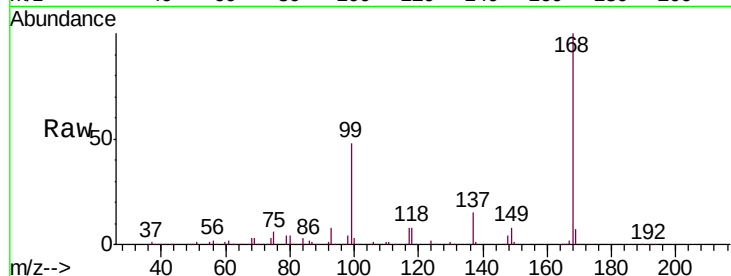
1S-I(0)

Tgt Ion:168 Resp: 1395876

Ion Ratio Lower Upper

168 100

99 48.2 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

600000

500000

400000

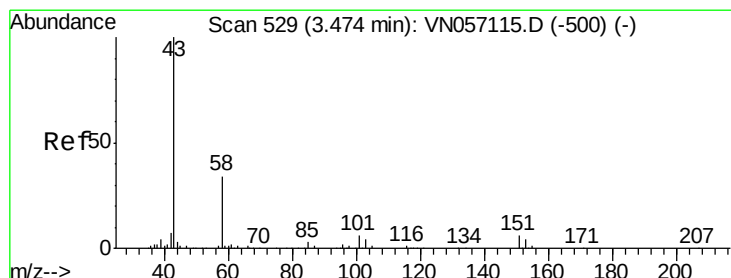
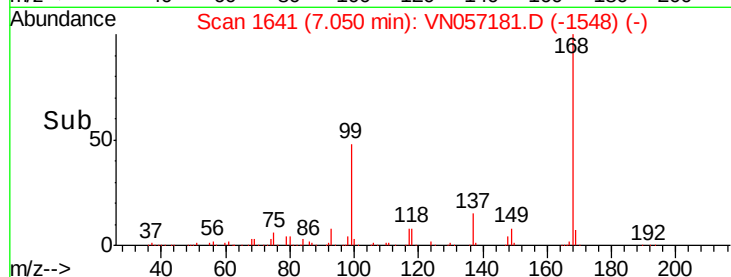
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 5.817 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057181.D

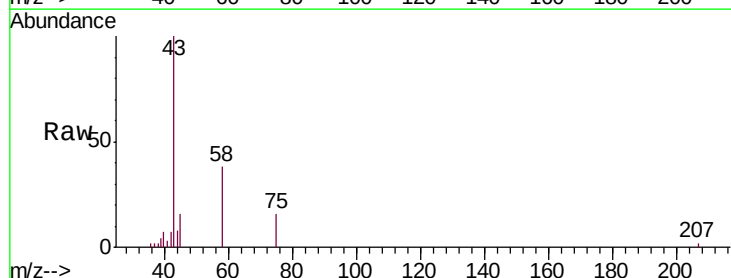
Acq: 11 Aug 2019 12:38

Tgt Ion: 43 Resp: 25221

Ion Ratio Lower Upper

43 100

58 38.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

12000

10000

8000

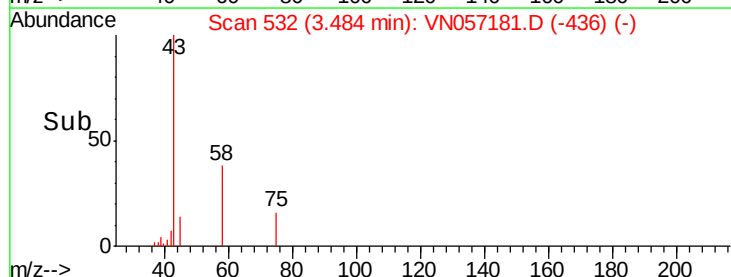
6000

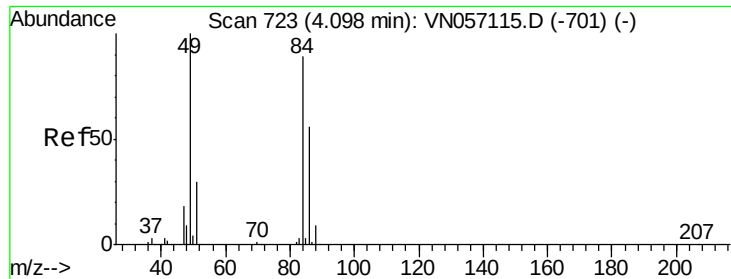
4000

2000

0

Time--> 3.40 3.45 3.50 3.55

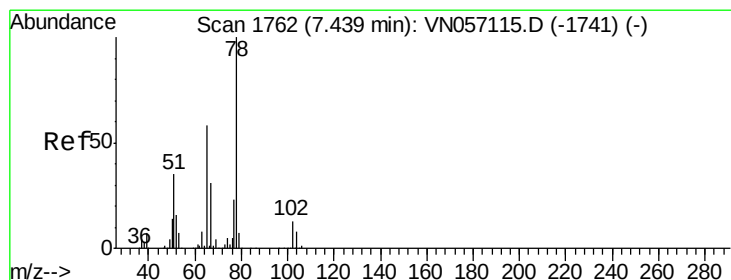
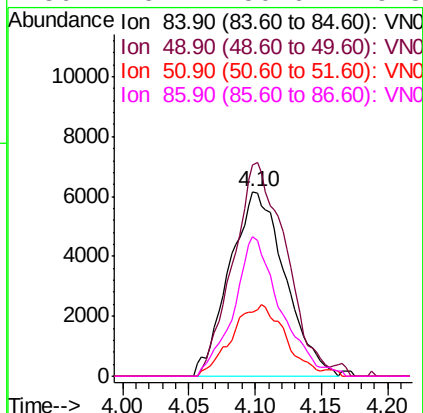
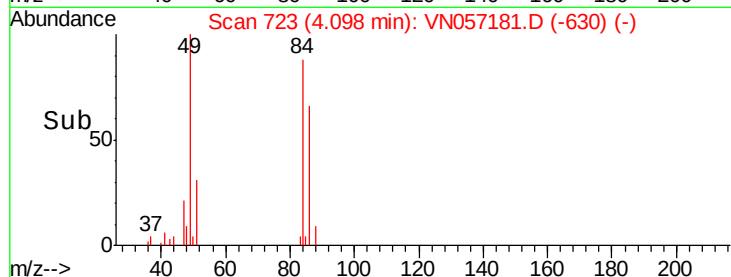
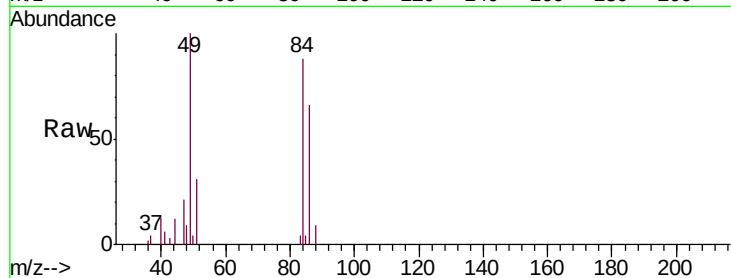




#20
Methylene Chloride
Concen: 1.256 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057181.D
Acq: 11 Aug 2019 12:38

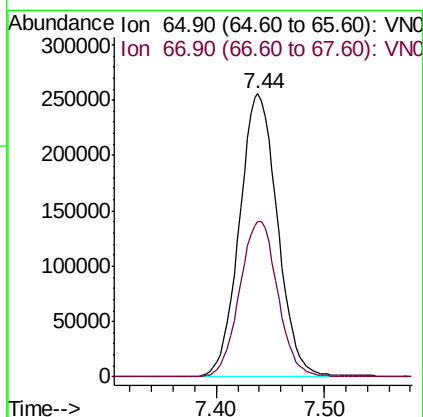
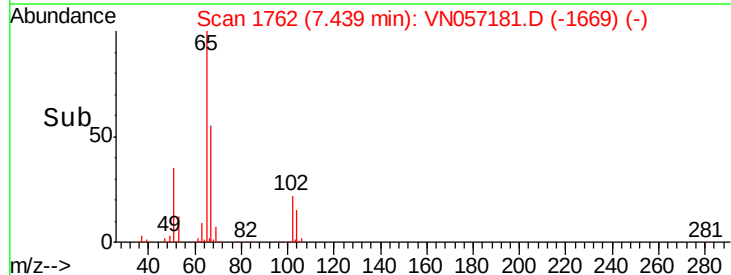
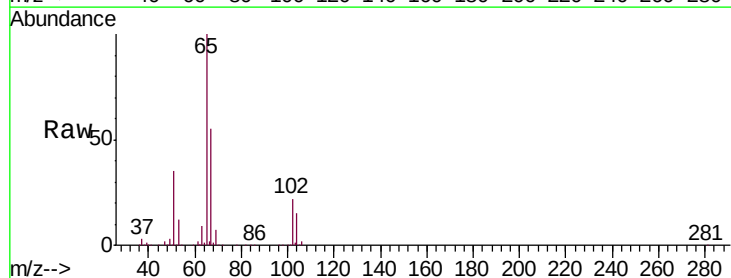
Instrument :
MSVOA_N
ClientSampled :
1S-I(0)

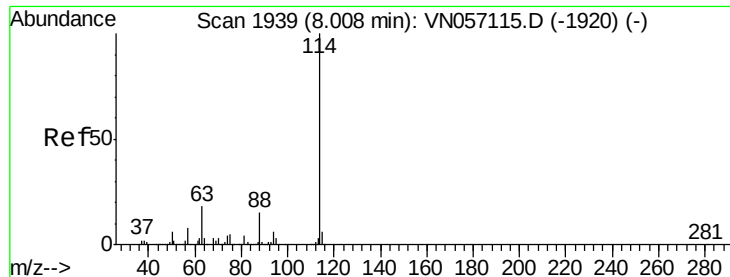
Tgt Ion:	84	Resp:	17975
Ion	Ratio	Lower	Upper
84	100		
49	114.3	89.5	134.3
51	34.9	27.2	40.8
86	75.7	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 43.683 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057181.D
Acq: 11 Aug 2019 12:38

Tgt Ion:	65	Resp:	627090
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.2

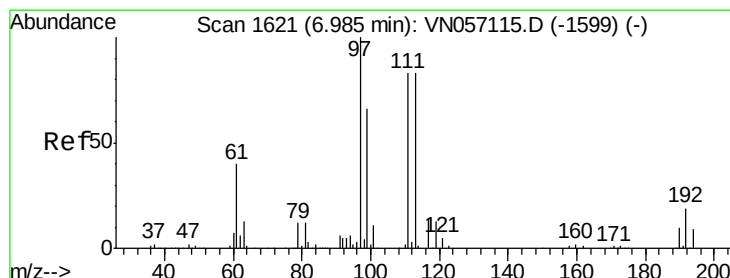
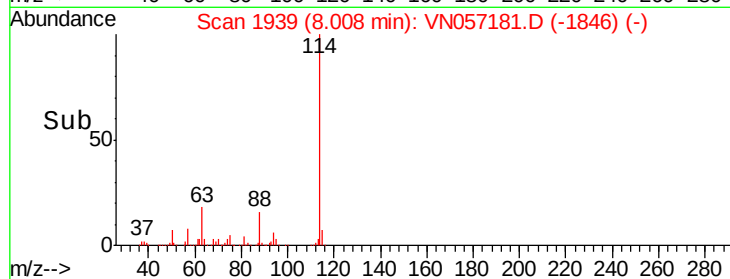
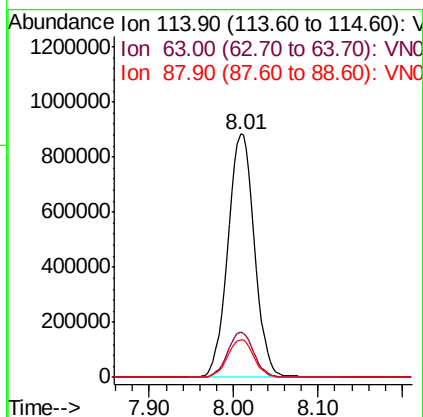
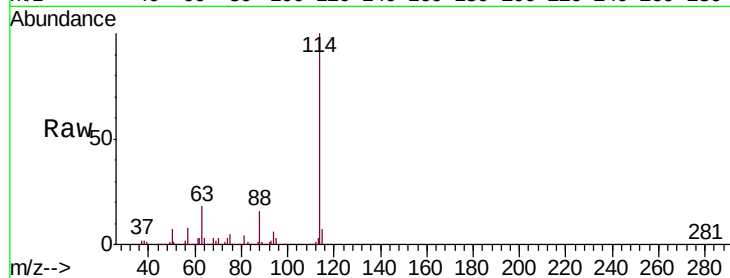




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057181.D
 Acq: 11 Aug 2019 12:38

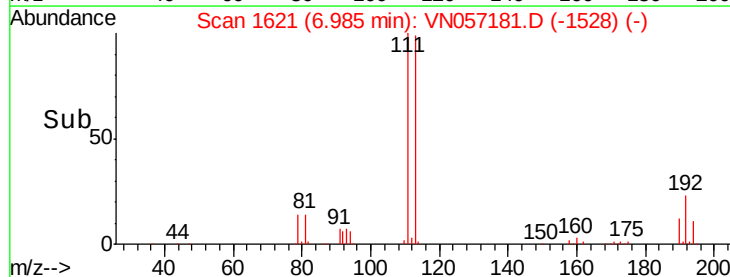
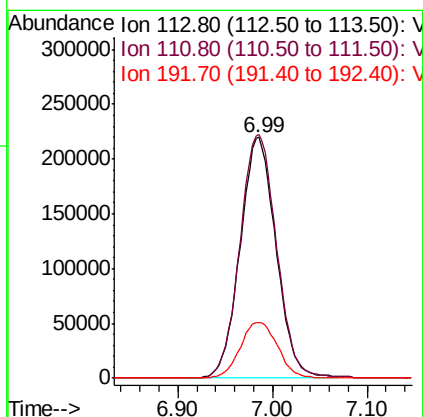
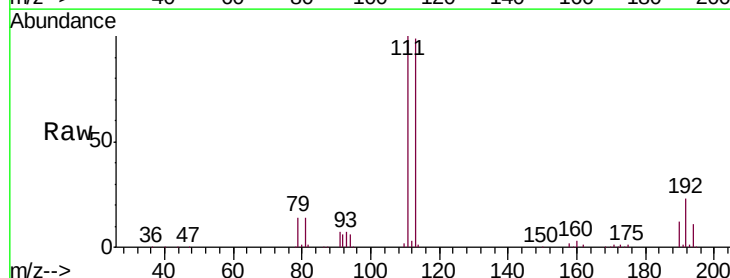
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-I(0)

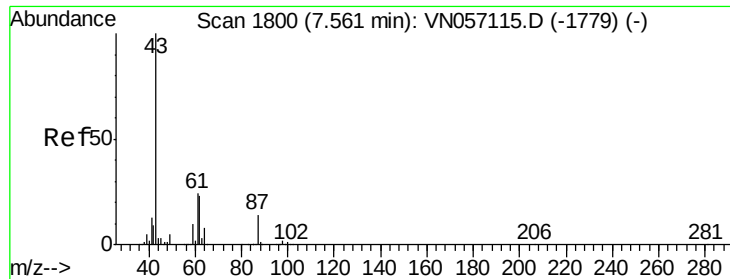
Tgt Ion:114 Resp: 1936861
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 15.7 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 47.758 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057181.D
 Acq: 11 Aug 2019 12:38

Tgt Ion:113 Resp: 580450
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.3 121.9
 192 24.0 19.0 28.4





#43

Isopropyl Acetate

Concen: 2.321 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057181.D

Acq: 11 Aug 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

1S-I(0)

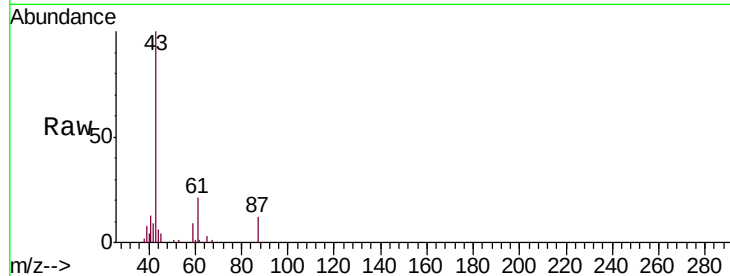
Tgt Ion: 43 Resp: 52070

Ion Ratio Lower Upper

43 100

61 21.6 24.2 36.2#

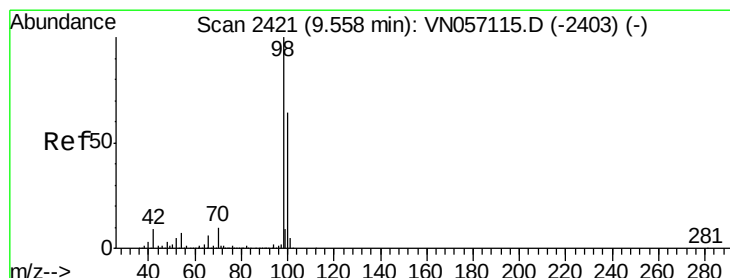
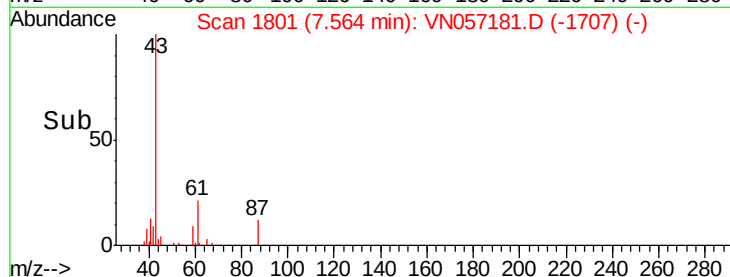
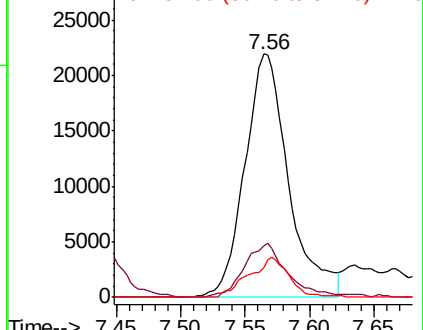
87 14.8 11.8 17.8



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: 48.888 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057181.D

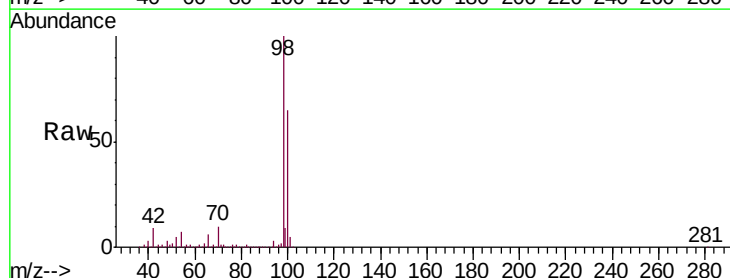
Acq: 11 Aug 2019 12:38

Tgt Ion: 98 Resp: 2273244

Ion Ratio Lower Upper

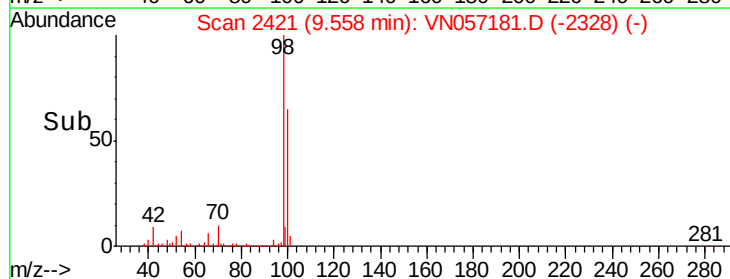
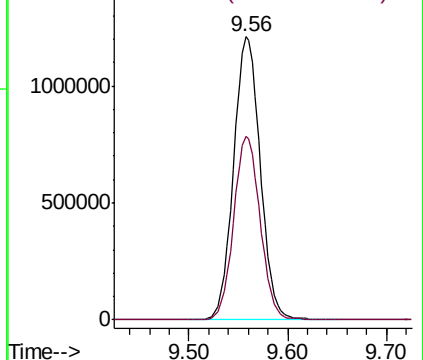
98 100

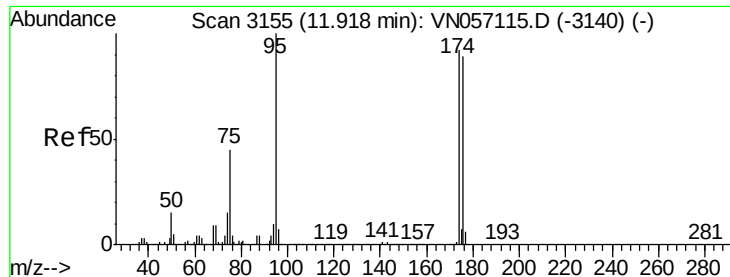
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.352 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057181.D

Acq: 11 Aug 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

1S-I-(0)

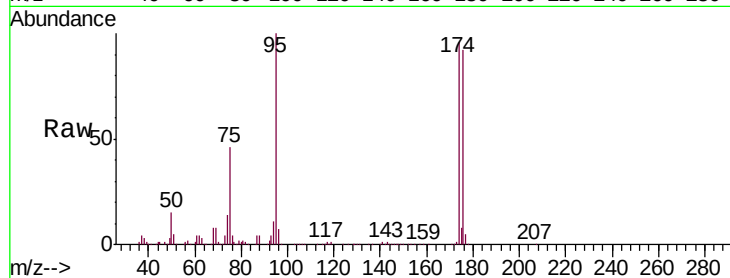
Tgt Ion: 95 Resp: 619559

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

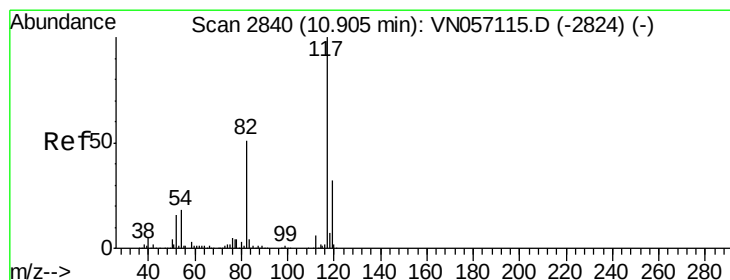
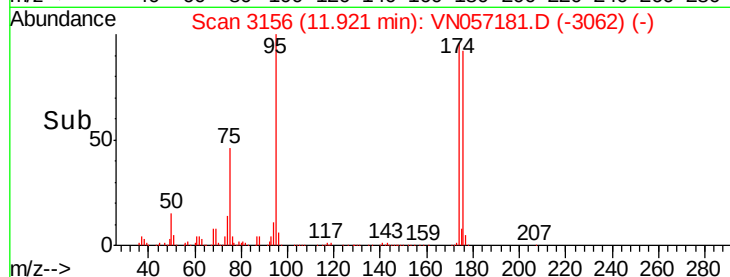
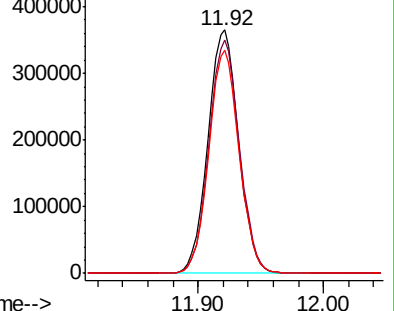
176 90.5 0.0 181.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057181.D

Acq: 11 Aug 2019 12:38

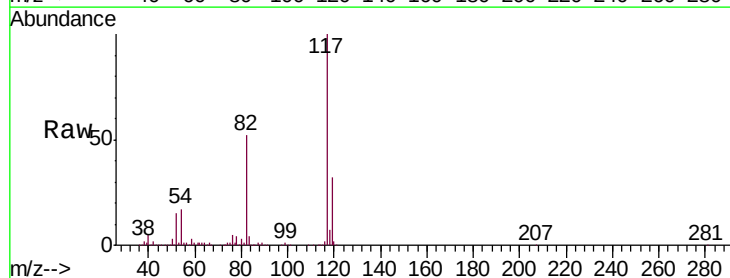
Tgt Ion: 117 Resp: 1631117

Ion Ratio Lower Upper

117 100

82 51.7 40.8 61.2

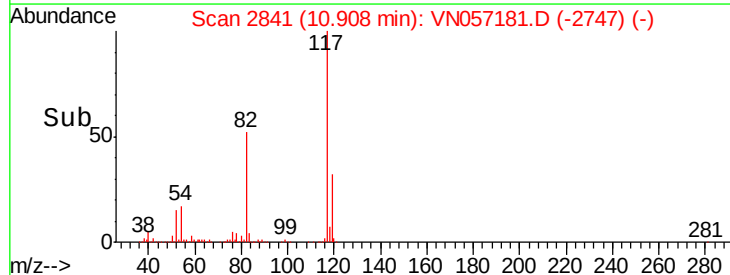
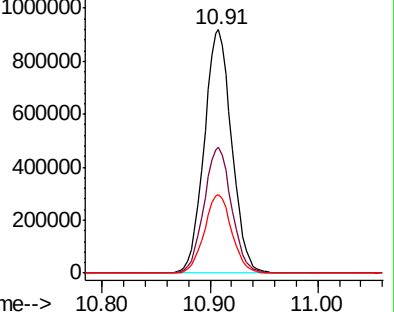
119 32.2 25.7 38.5

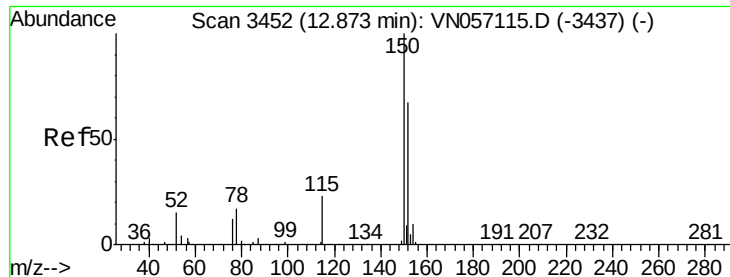


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

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: VN057181.D

Acq: 11 Aug 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

1S-I-(0)

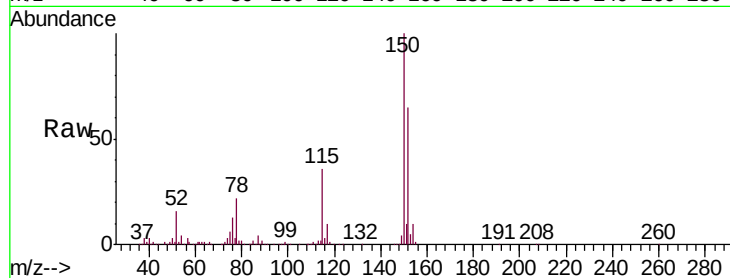
Tgt Ion:152 Resp: 444813

Ion Ratio Lower Upper

152 100

115 55.3 27.5 82.5

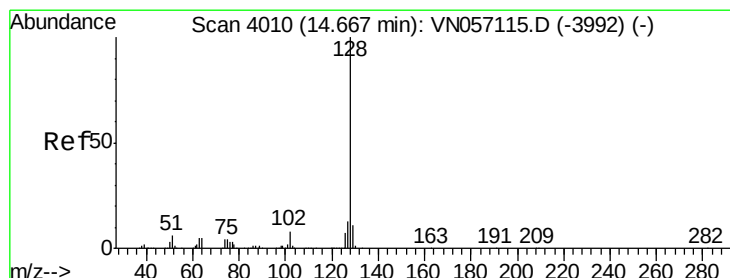
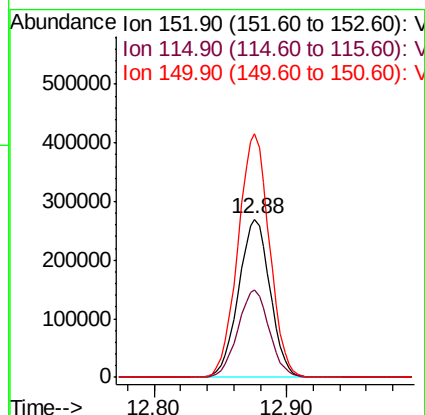
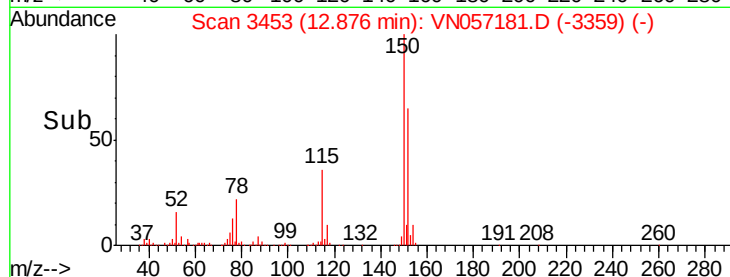
150 153.5 0.0 341.6



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



#95

Naphthalene

Concen: 3.597 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057181.D

Acq: 11 Aug 2019 12:38

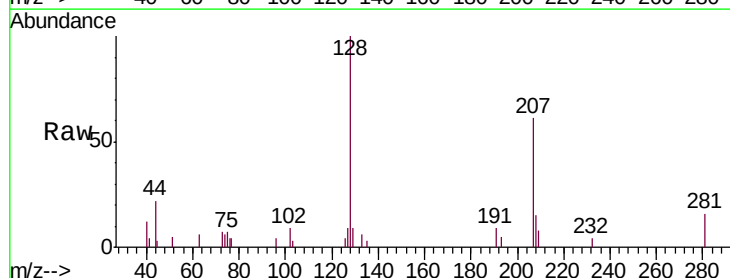
Tgt Ion:128 Resp: 9110

Ion Ratio Lower Upper

128 100

127 9.5 10.3 15.5#

129 7.7 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

