

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057221.D
 Acq On : 12 Aug 2019 17:39
 Operator : JC/SP
 Sample : K4229-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-F4-(1)

Quant Time: Aug 13 02:38:59 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

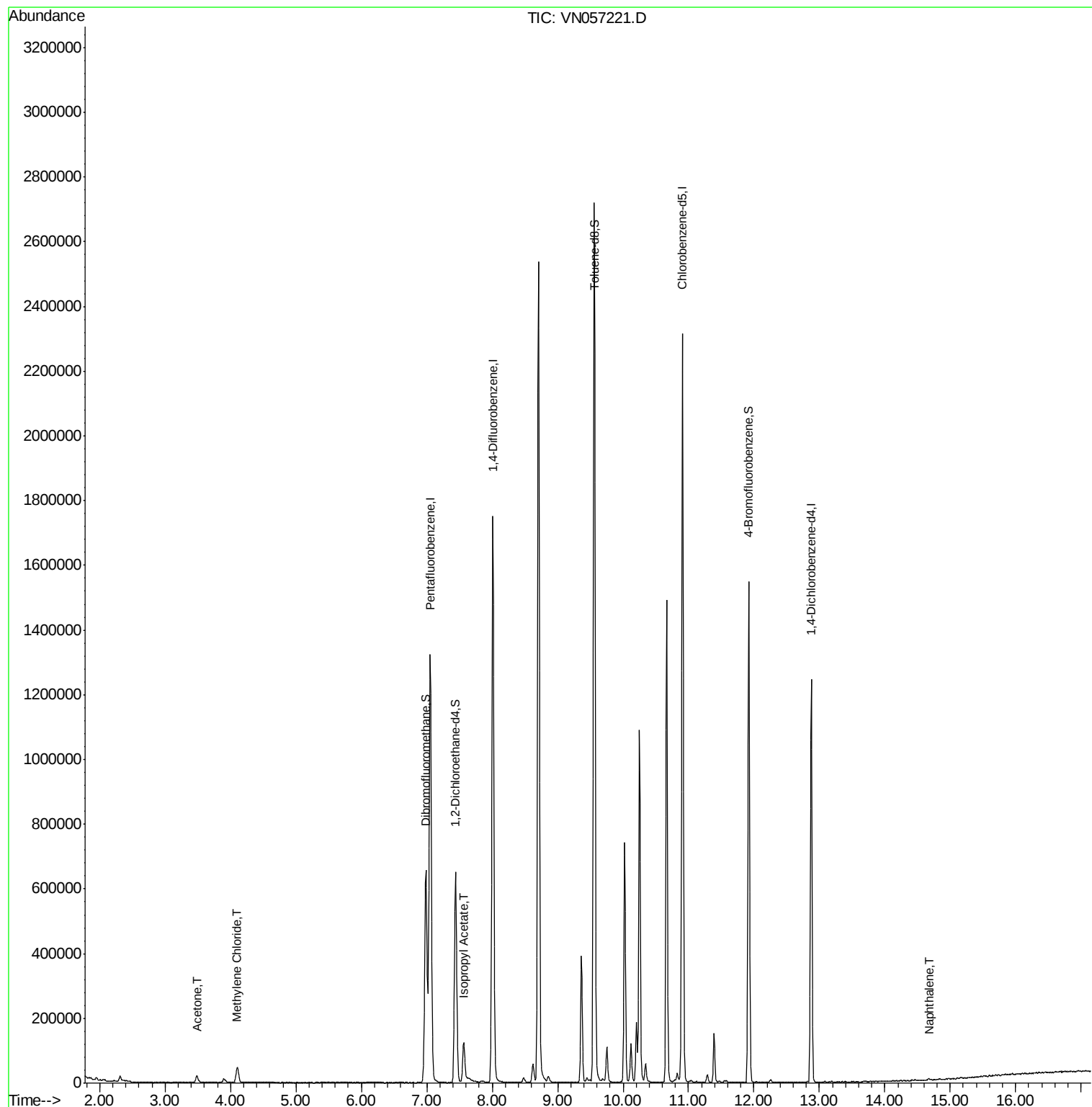
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1277321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1756802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1486727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	370123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	588015	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
35) Dibromofluoromethane	6.99	113	534087	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	9.56	98	2048969	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.92	95	536839	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.00%	
Target Compounds						
16) Acetone	3.48	43	28517	7.188	ug/l	90
20) Methylene Chloride	4.10	84	37794	2.887	ug/l	96
43) Isopropyl Acetate	7.56	43	161657	7.944	ug/l #	86
95) Naphthalene	14.68	128	4682	3.293	ug/l	99

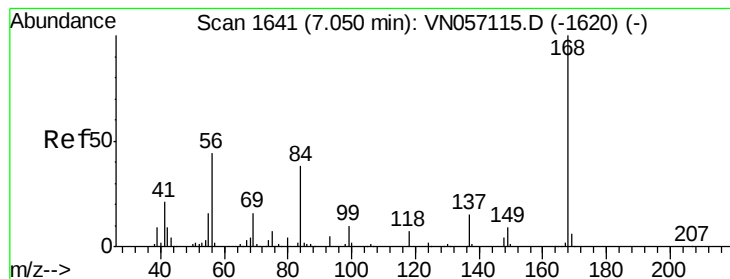
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
Data File : VN057221.D
Acq On : 12 Aug 2019 17:39
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Sample : K4229-20
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2S-F4-(1)

Quant Time: Aug 13 02:38:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

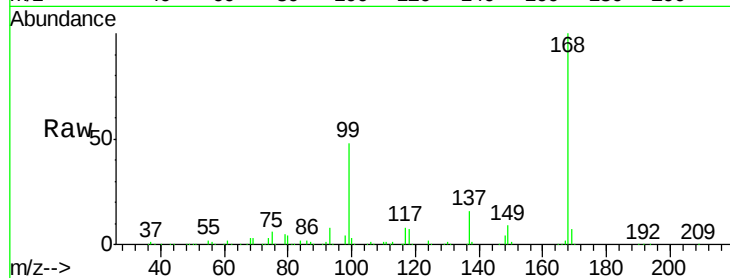
2S-F4-(1)

Tot Ion:168 Resp: 1277321

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): VN

7.05

600000

500000

400000

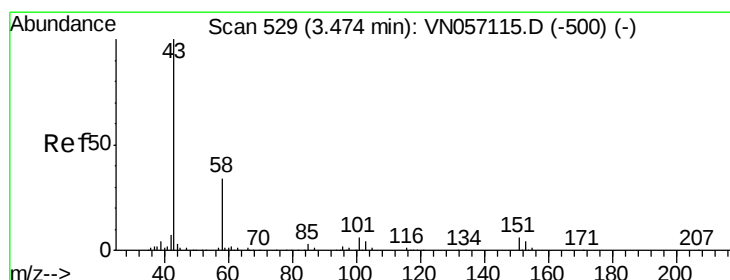
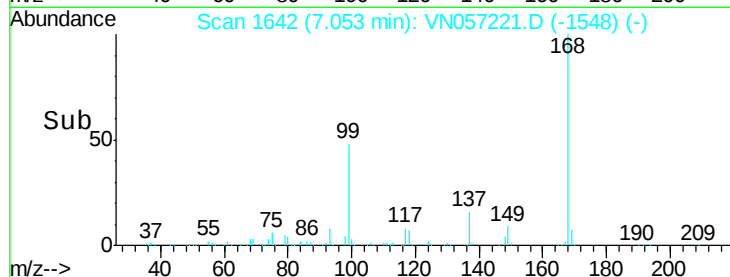
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.188 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057221.D

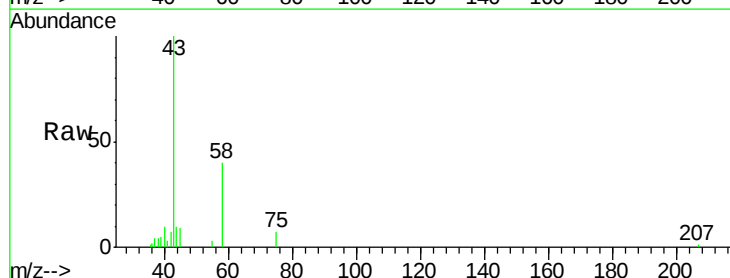
Acq: 12 Aug 2019 17:39

Tgt Ion: 43 Resp: 28517

Ion Ratio Lower Upper

43 100

58 40.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.48

12000

10000

8000

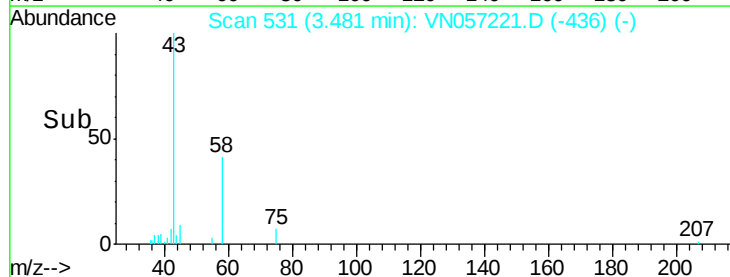
6000

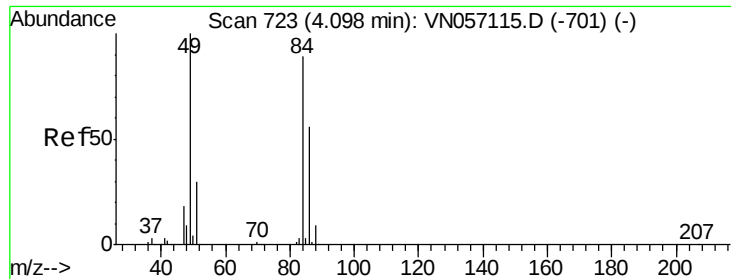
4000

2000

0

Time--> 3.40 3.45 3.50 3.55 3.60

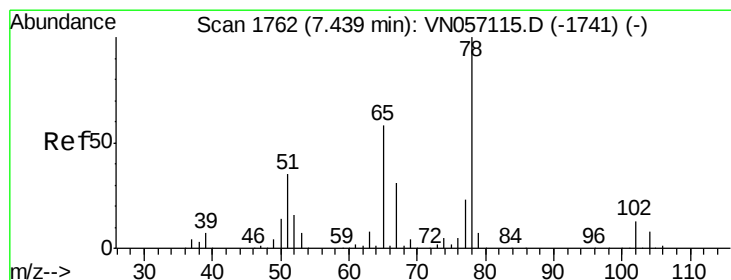
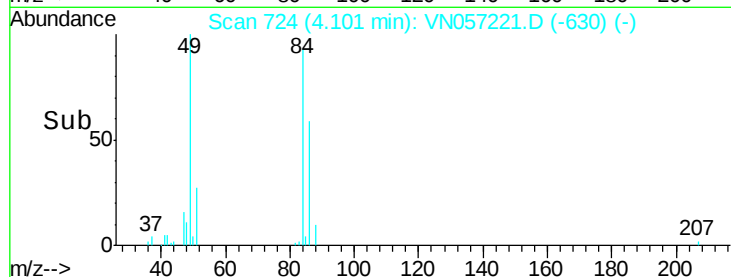
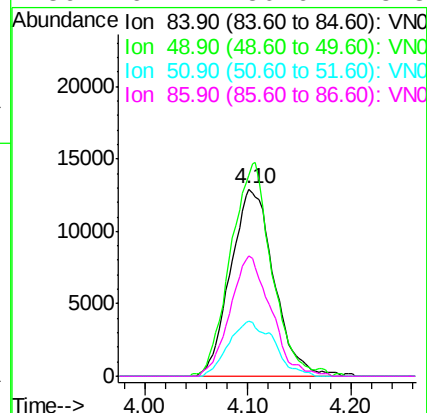
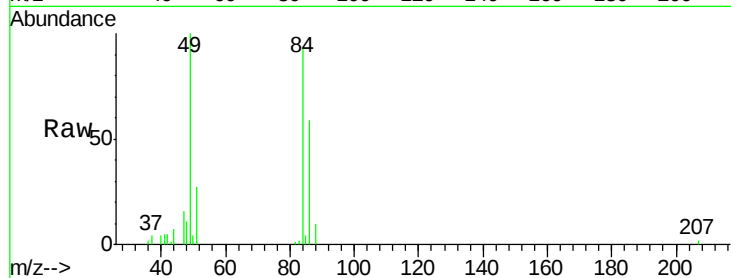




#20
Methvlene Chloride
Concen: 2.887 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

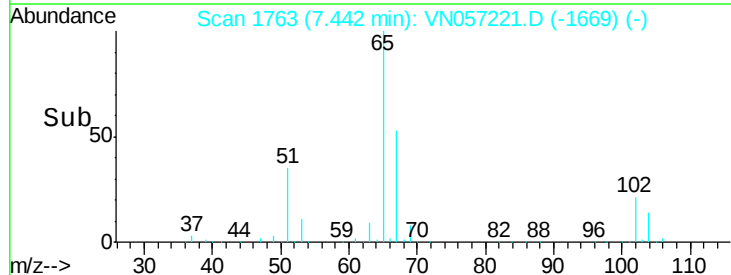
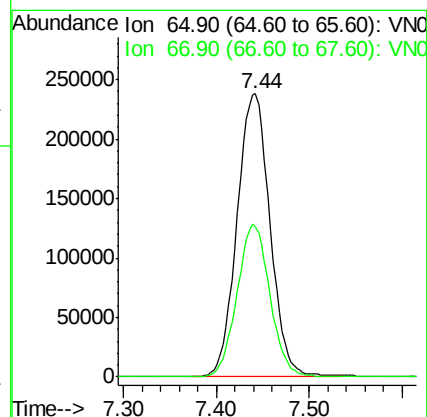
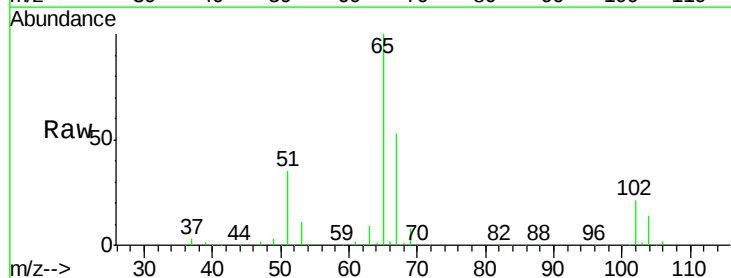
Instrument :
MSVOA_N
ClientSampleId :
2S-F4-(1)

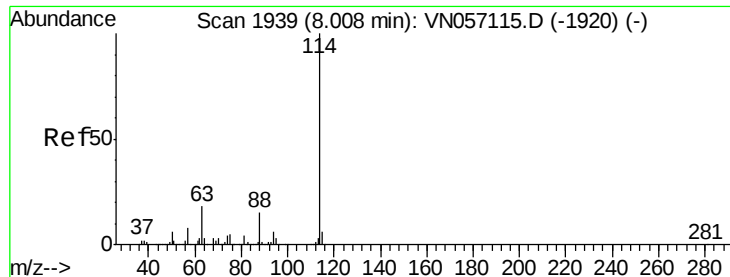
Tot Ion:	84	Resp:	37794
Ion	Ratio	Lower	Upper
84	100		
49	106.5	89.5	134.3
51	29.4	27.2	40.8
86	64.1	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 44.763 ug/l
RT: 7.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

Tgt Ion:	65	Resp:	588015
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.2



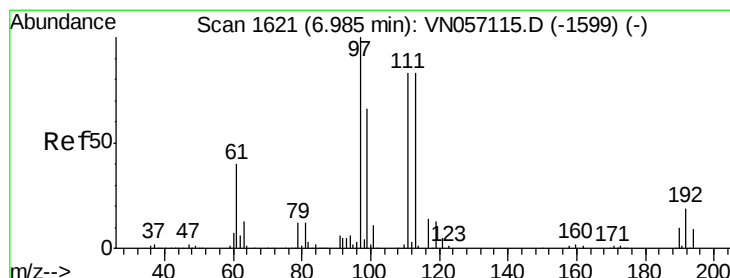
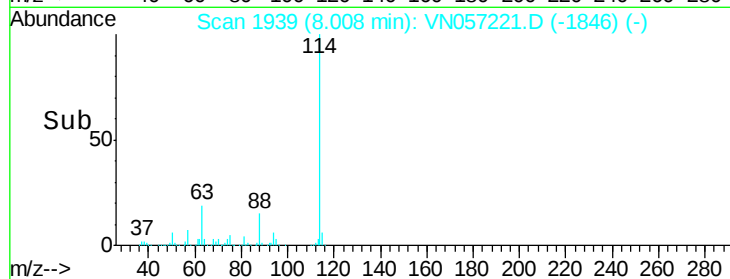
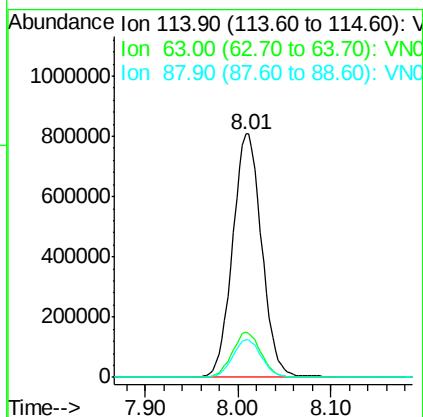
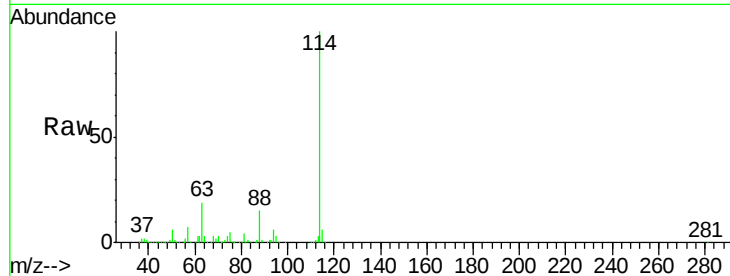


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Instrument :
 MSVOA_N
 ClientSampled :
 2S-F4-(1)

Tot Ion:114 Resp: 1756802

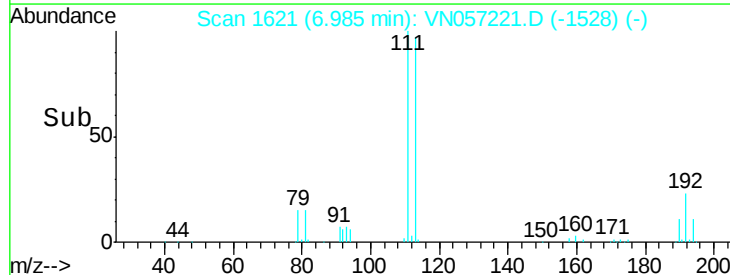
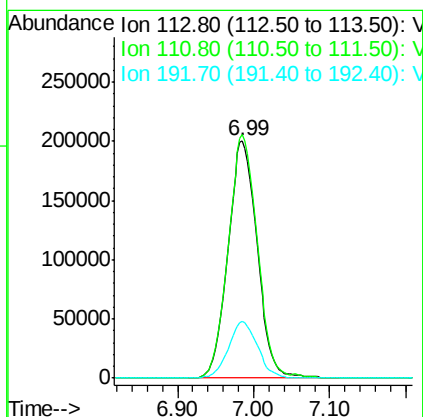
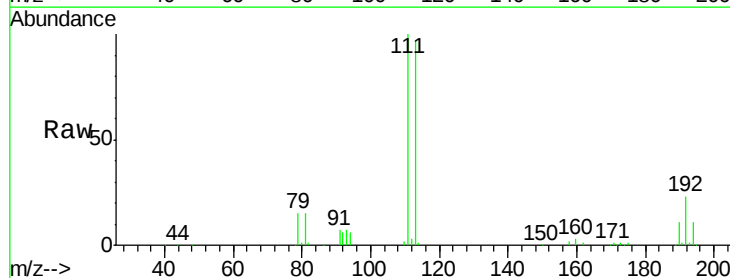
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.2
88	15.5	0.0	30.0

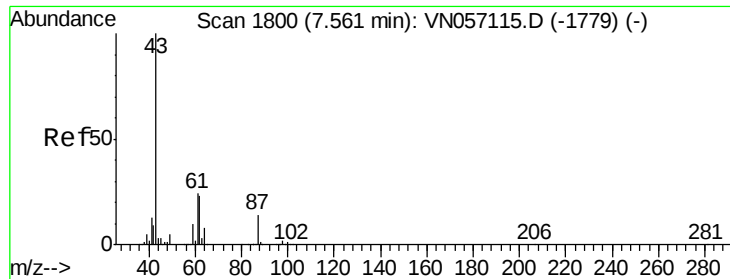


#35
 Dibromofluoromethane
 Concen: 48.447 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Tgt Ion:113 Resp: 534087

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	23.7	19.0	28.4





#43

Isopropyl Acetate

Concen: 7.944 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

2S-F4-(1)

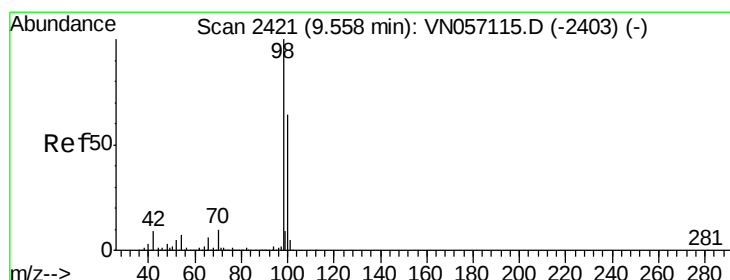
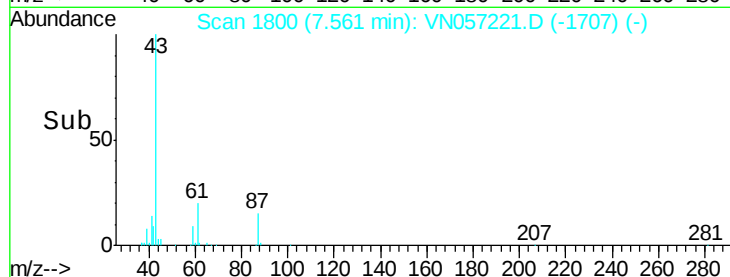
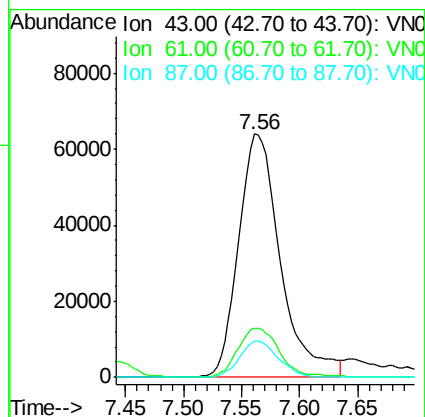
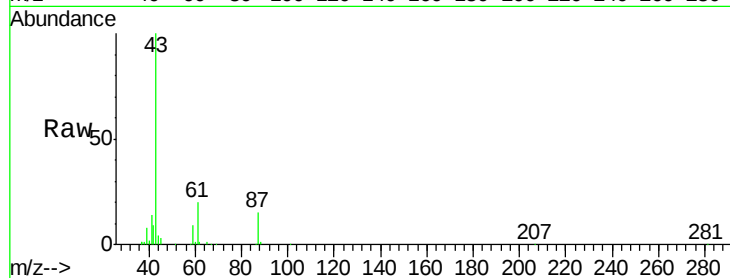
Tot Ion: 43 Resp: 161657

Ion Ratio Lower Upper

43 100

61 19.5 24.2 36.2#

87 13.7 11.8 17.8



#50

Toluene-d8

Concen: 48.581 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057221.D

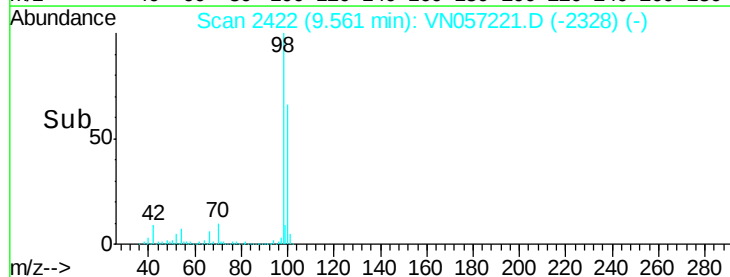
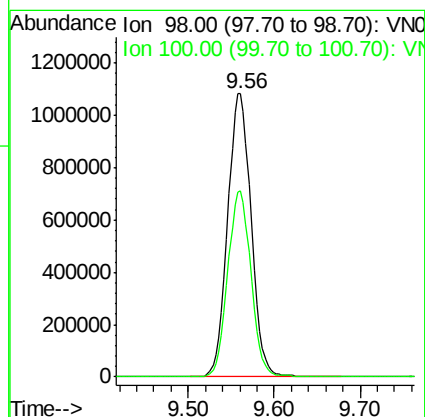
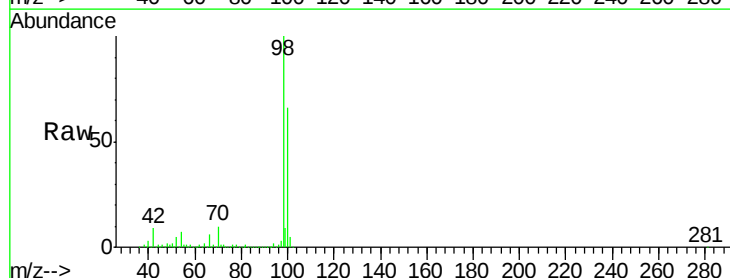
Acq: 12 Aug 2019 17:39

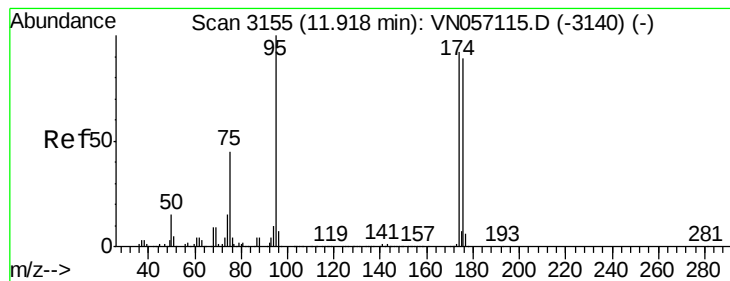
Tgt Ion: 98 Resp: 2048969

Ion Ratio Lower Upper

98 100

100 65.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 39.503 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

2S-F4-(1)

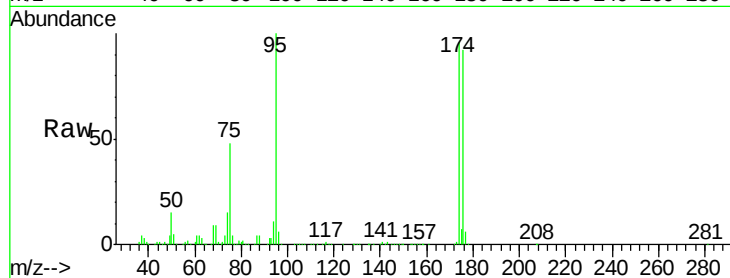
Tot Ion: 95 Resp: 536839

Ion Ratio Lower Upper

95 100

174 95.6 0.0 185.0

176 91.9 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

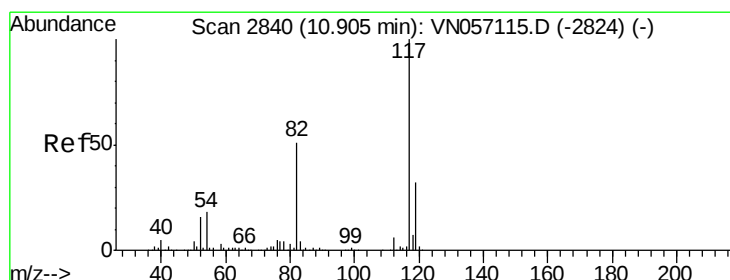
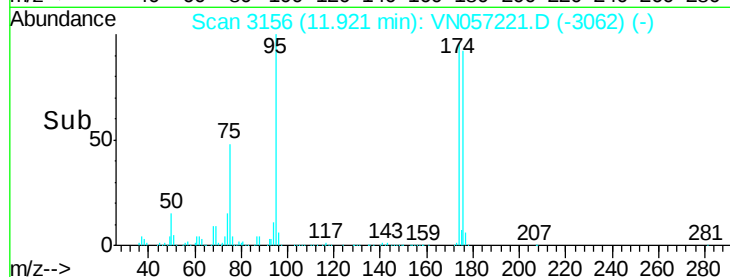
200000

100000

0

11.90 12.00

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

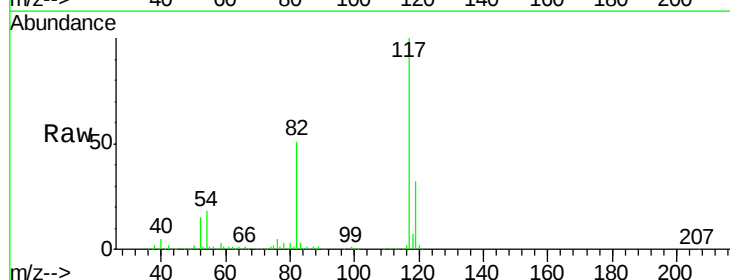
Tgt Ion: 117 Resp: 1486727

Ion Ratio Lower Upper

117 100

82 50.9 40.8 61.2

119 31.9 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

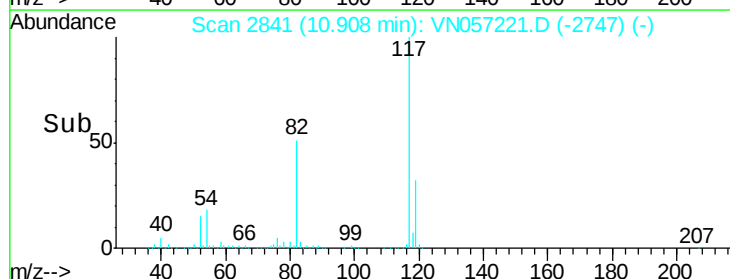
400000

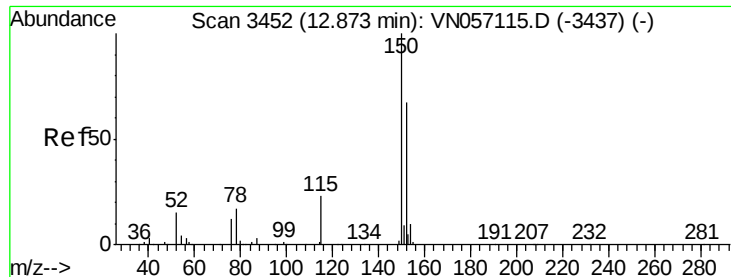
200000

0

10.80 10.90 11.00

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: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

2S-F4-(1)

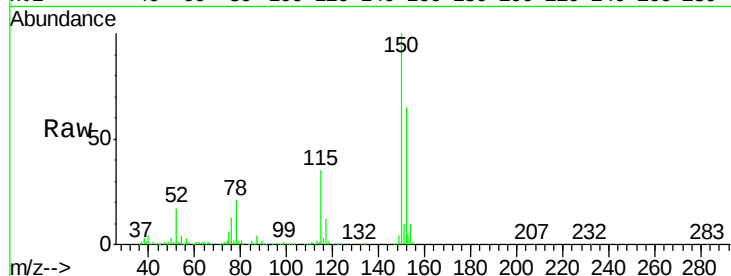
Tot Ion:152 Resp: 370123

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.5

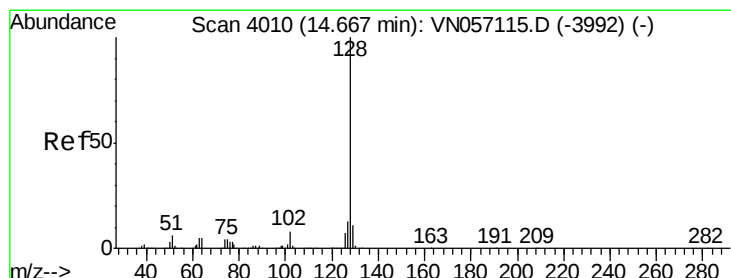
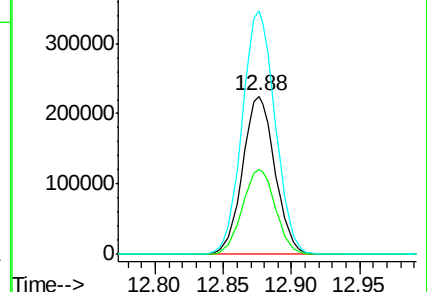
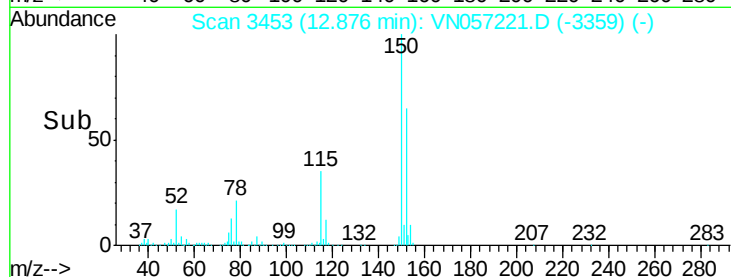
150 156.4 0.0 341.6



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: 3.293 ug/l

RT: 14.68 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

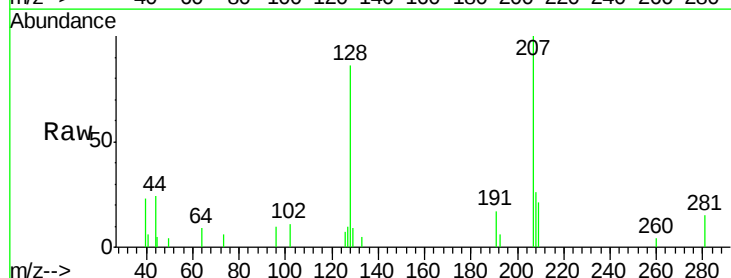
Tgt Ion:128 Resp: 4682

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.6 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

