

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057219.D
 Acq On : 12 Aug 2019 16:50
 Operator : JC/SP
 Sample : PB122154TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

Quant Time: Aug 13 02:32:38 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

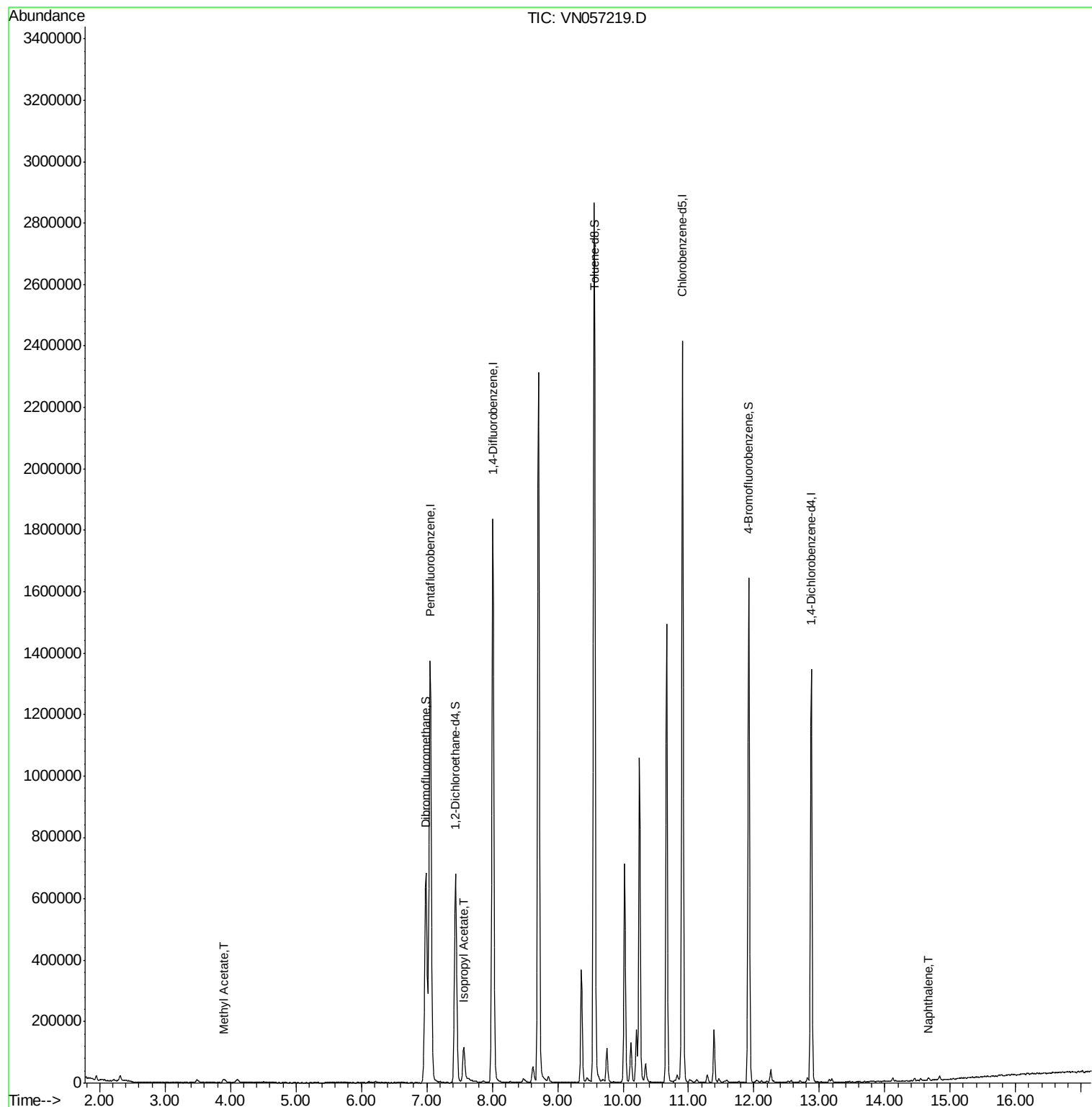
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1323960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1841028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1555447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	401711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	604915	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
35) Dibromofluoromethane	6.99	113	558417	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	9.56	98	2136923	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.92	95	577830	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.14%	
Target Compounds						
18) Methyl Acetate	3.91	43	21996	1.153	ug/l	96
43) Isopropyl Acetate	7.56	43	145052	6.802	ug/l #	86
95) Naphthalene	14.67	128	7852	3.560	ug/l #	94

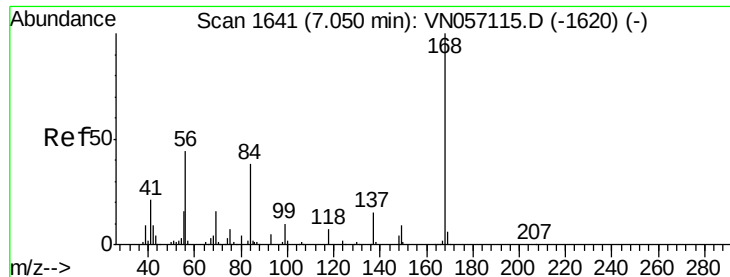
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

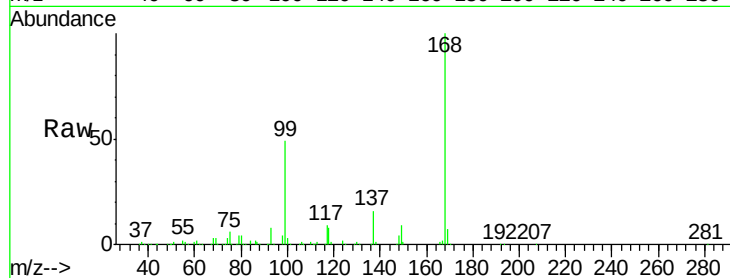
PB122154TB

Tot Ion:168 Resp: 1323960

Ion Ratio Lower Upper

168 100

99 48.9 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

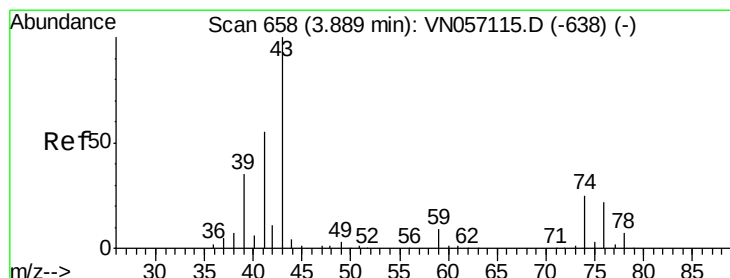
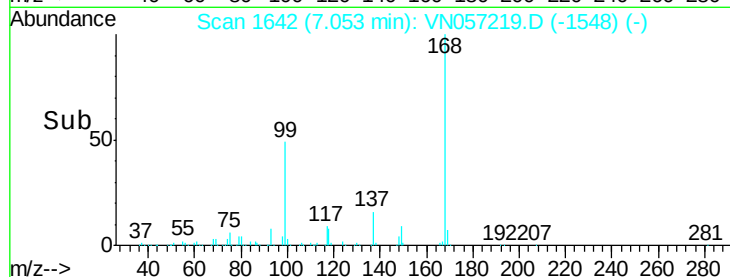
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#18

Methyl Acetate

Concen: 1.153 ug/l

RT: 3.91 min Scan# 663

Delta R.T. 0.02 min

Lab File: VN057219.D

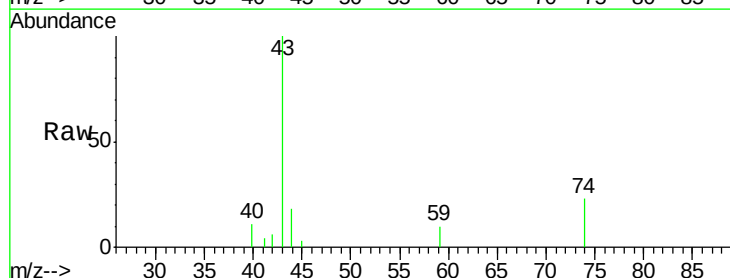
Acq: 12 Aug 2019 16:50

Tgt Ion: 43 Resp: 21996

Ion Ratio Lower Upper

43 100

74 23.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

3.91

8000

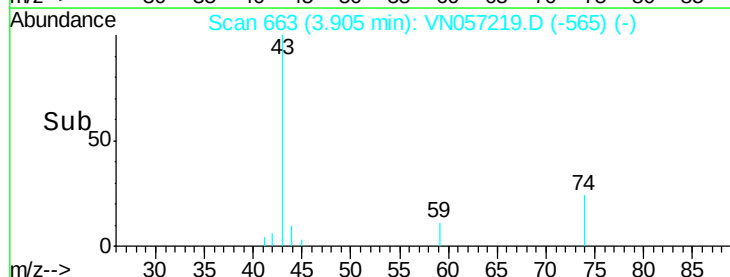
6000

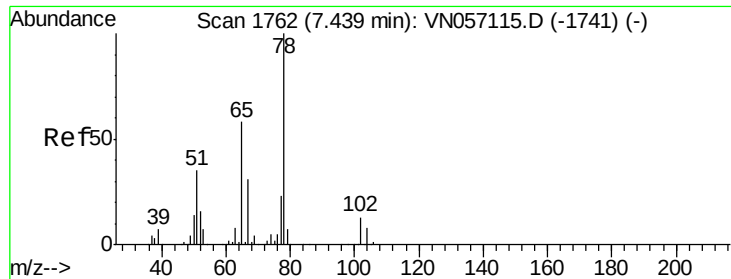
4000

2000

0

Time--> 3.80 3.85 3.90 3.95 4.00

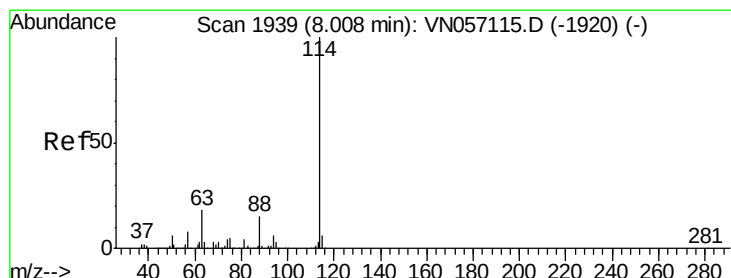
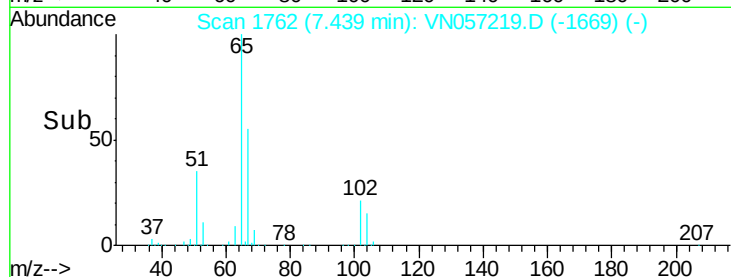
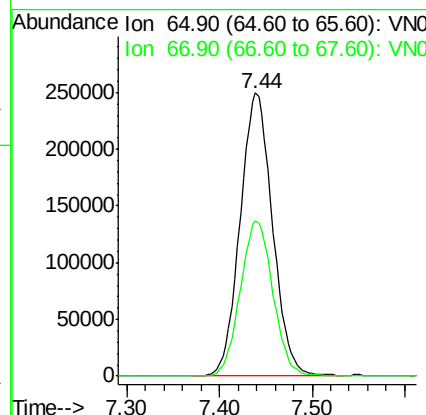
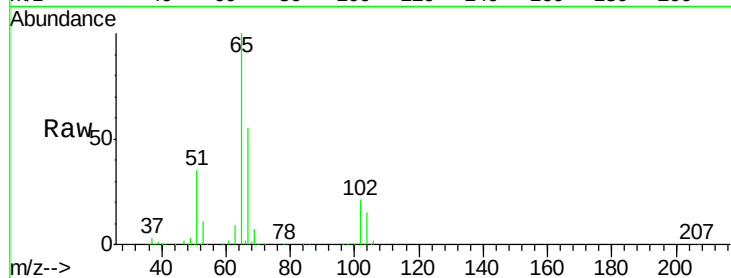




#33
 1,2-Dichloroethane-d4
 Concen: 44.427 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

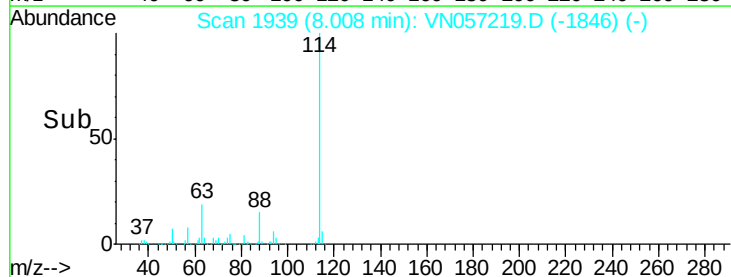
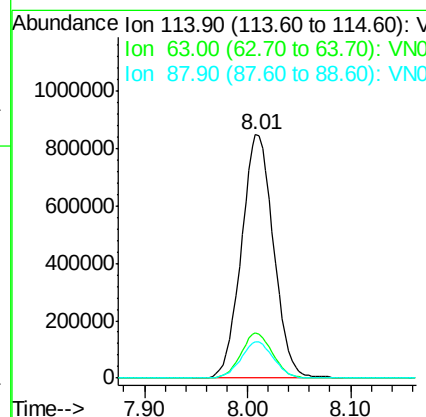
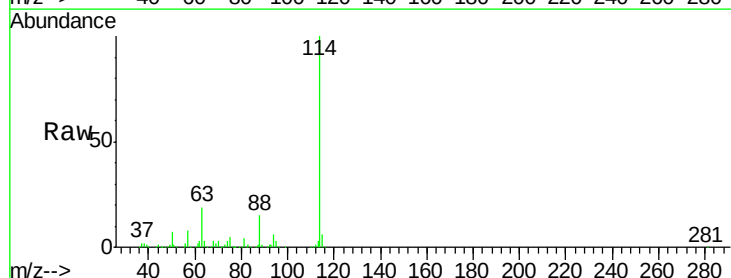
Instrument :
 MSVOA_N
 ClientSampled :
 PB122154TB

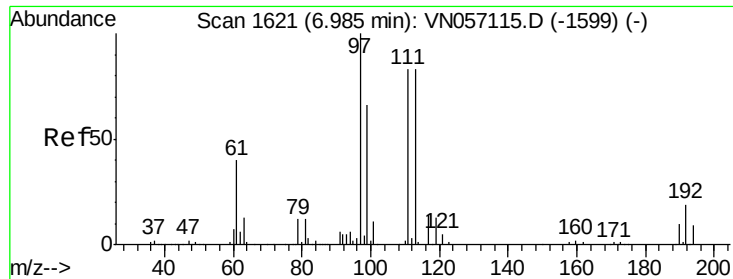
Tot Ion: 65 Resp: 604915
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion: 114 Resp: 1841028
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 14.9 0.0 30.0

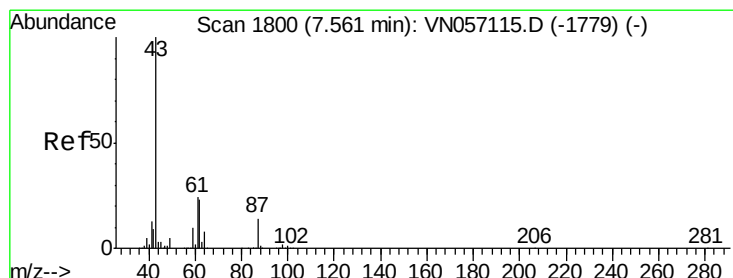
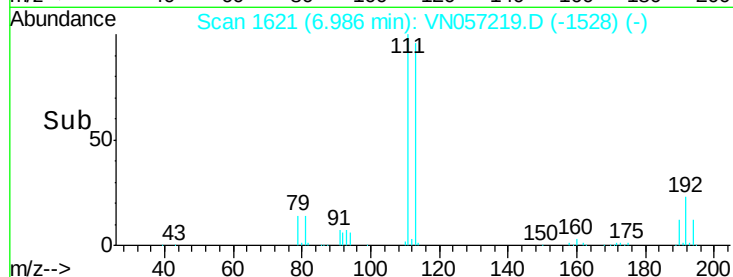
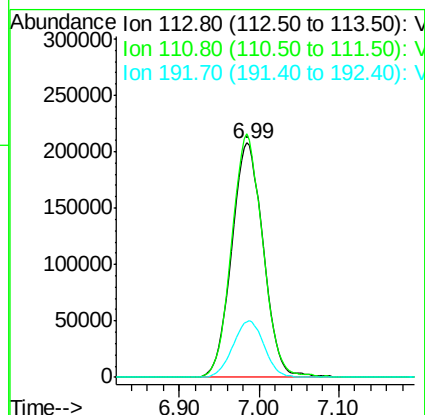
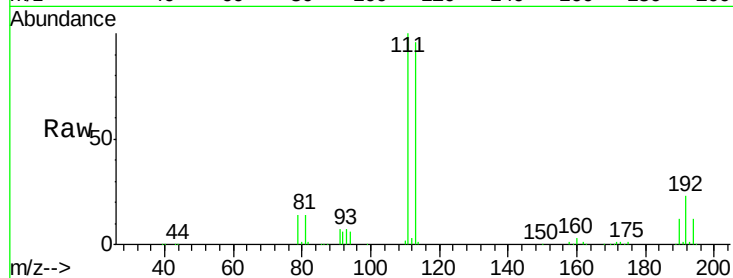




#35
 Dibromofluoromethane
 Concen: 48.336 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

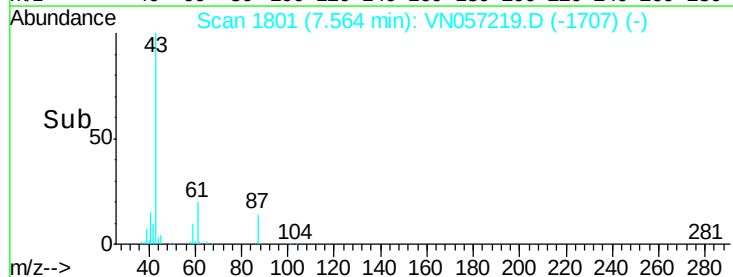
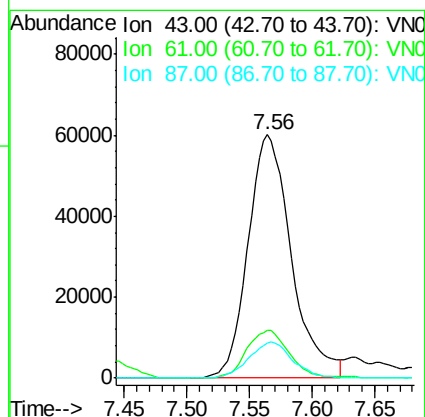
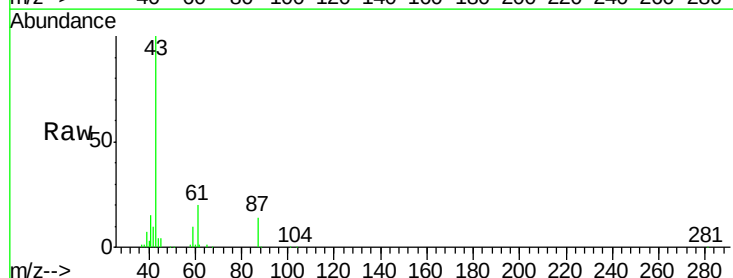
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

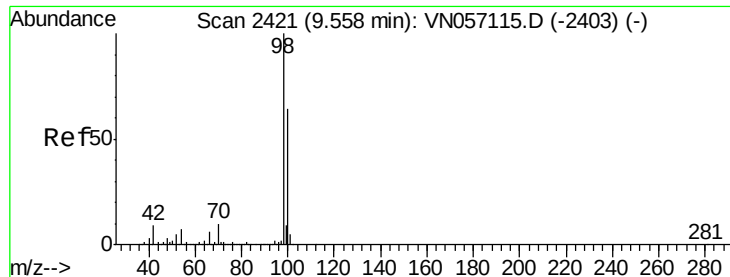
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.3	121.9
192	23.9	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 6.802 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	24.2	36.2#
87	14.6	11.8	17.8





#50

Toluene-d8

Concen: 48.348 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

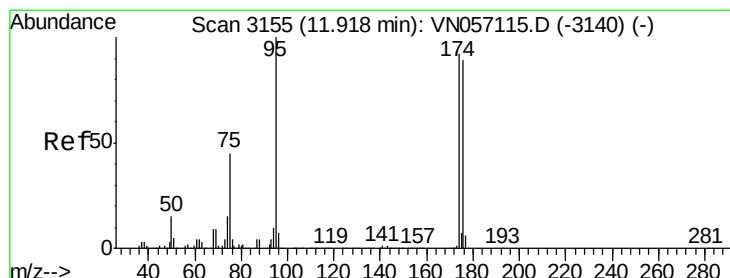
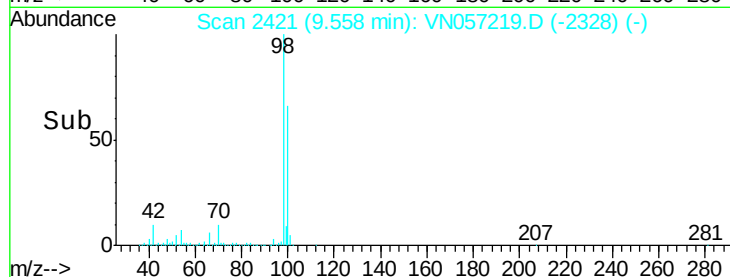
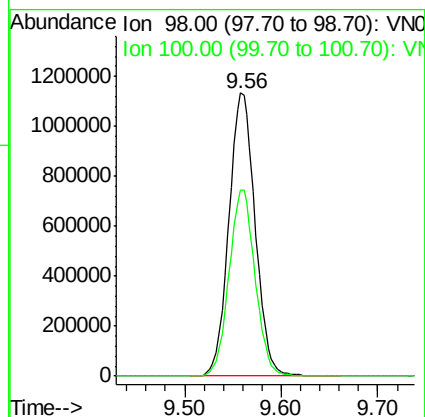
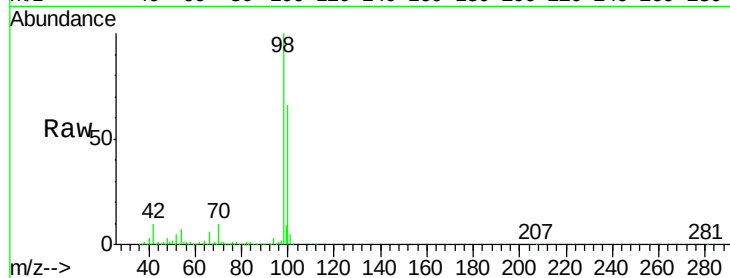
PB122154TB

Tot Ion: 98 Resp: 2136923

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.575 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

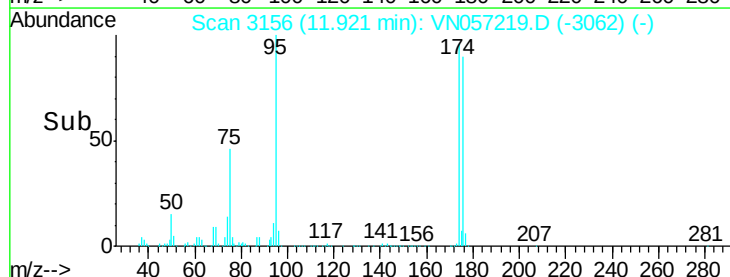
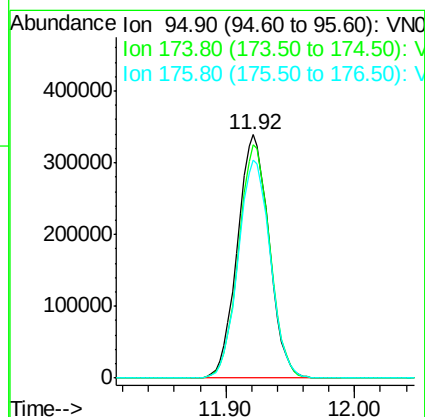
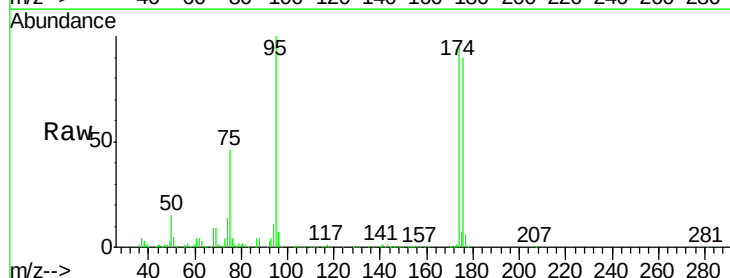
Tgt Ion: 95 Resp: 577830

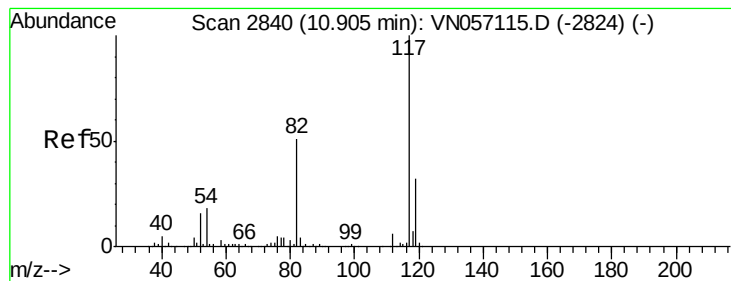
Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

176 91.0 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampled :

PB122154TB

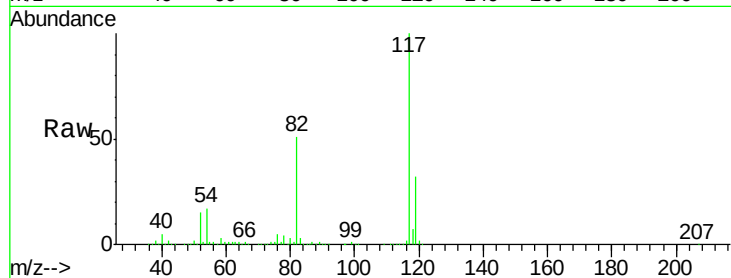
Tot Ion:117 Resp: 1555447

Ion Ratio Lower Upper

117 100

82 50.7 40.8 61.2

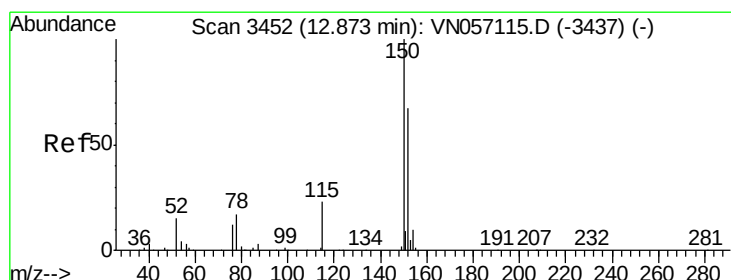
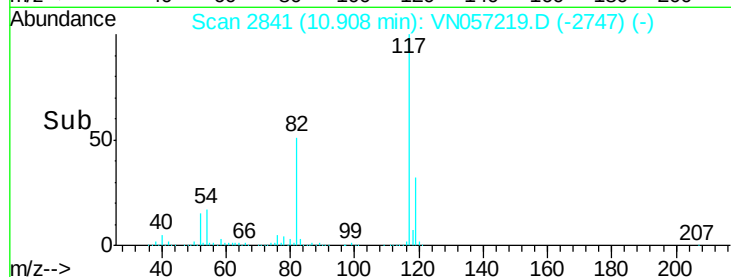
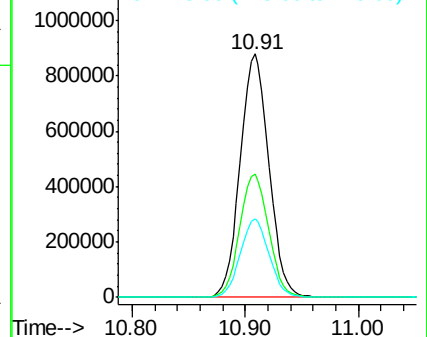
119 32.5 25.7 38.5



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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

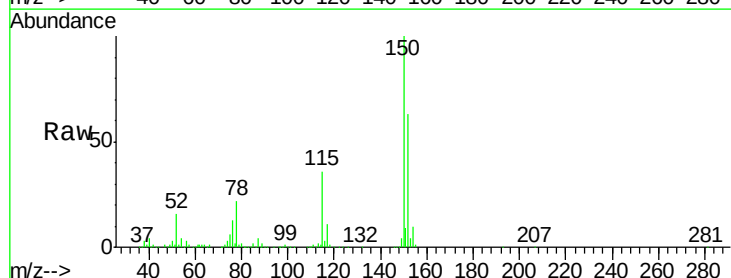
Tgt Ion:152 Resp: 401711

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.5

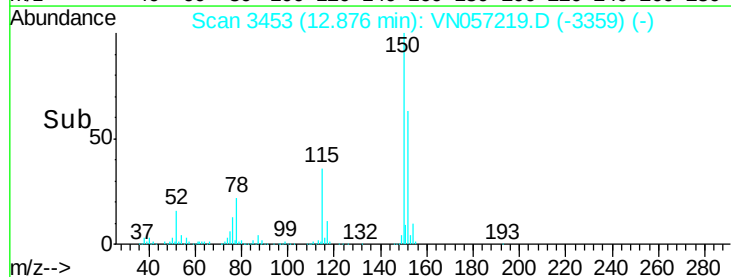
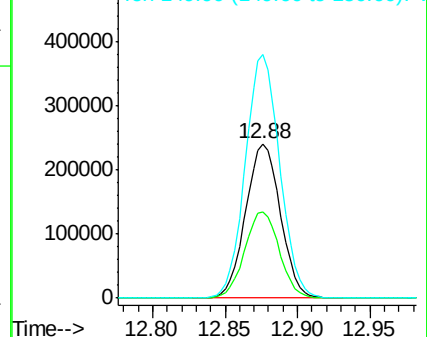
150 155.9 0.0 341.6

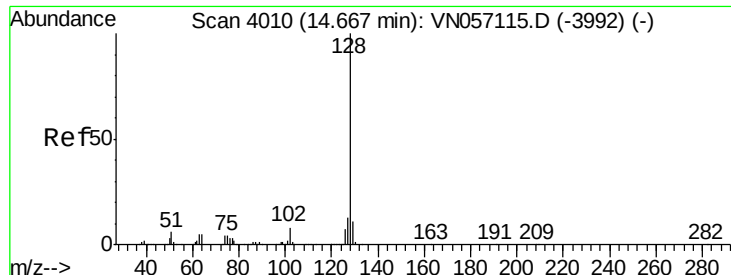


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 3.560 ug/l
 RT: 14.67 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	6.9	8.8	13.2

