

Data File : VN057179.D
Acq On : 11 Aug 2019 11:49
Operator : JC/SP
Sample : PB122100TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB122100TB

Quant Time: Aug 12 06:29:07 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

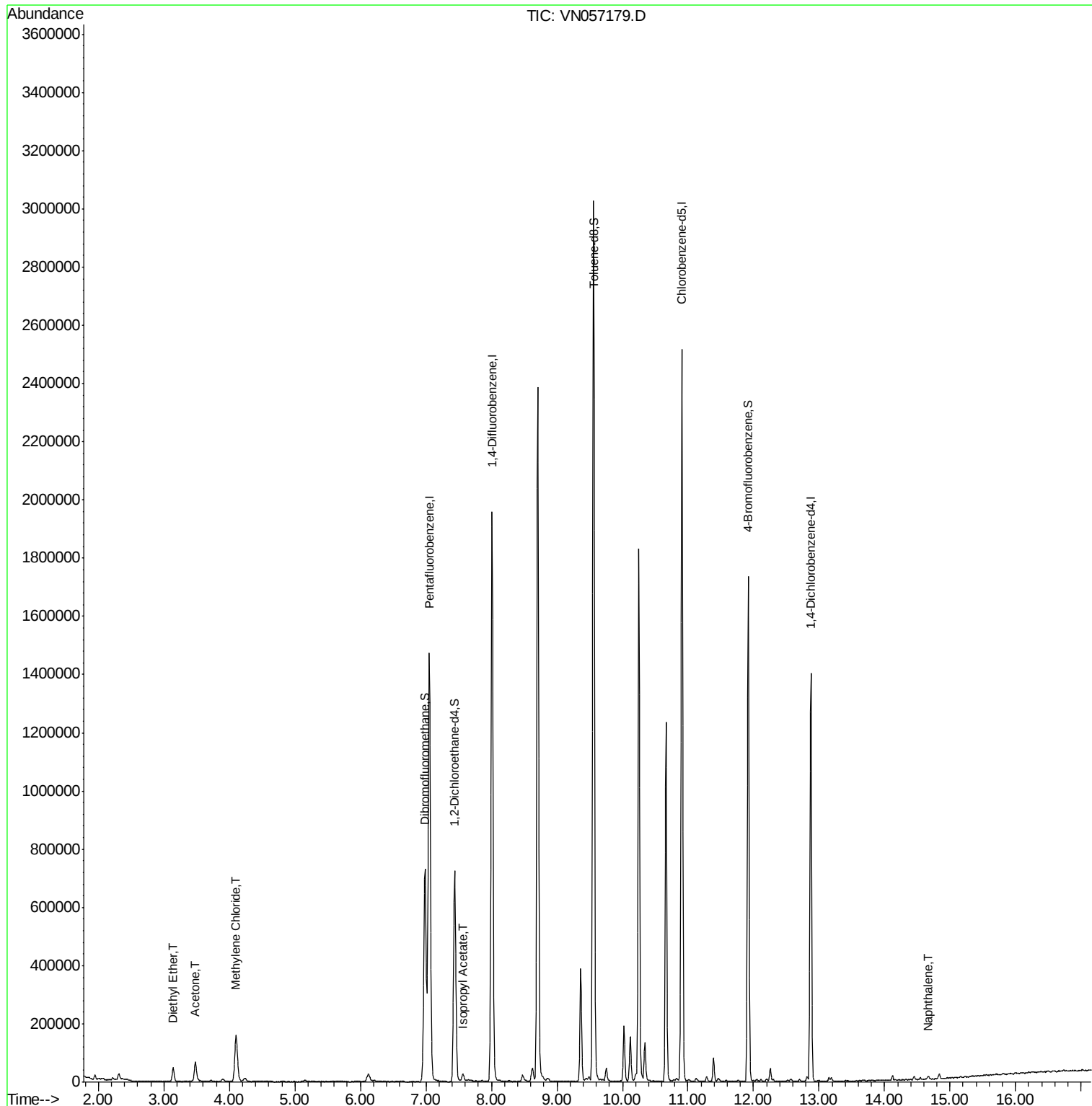
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1413255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1956939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1637679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	416170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	652458	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
35) Dibromofluoromethane	6.99	113	594284	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	9.56	98	2290765	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.92	95	609054	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
Target Compounds						
8) Diethyl Ether	3.14	74	24991	3.208	ug/l	95
16) Acetone	3.48	43	103820	23.653	ug/l	98
20) Methylene Chloride	4.10	84	122413	8.450	ug/l	98
43) Isopropyl Acetate	7.56	43	32648	1.440	ug/l #	87
95) Naphthalene	14.67	128	9538	3.691	ug/l	97

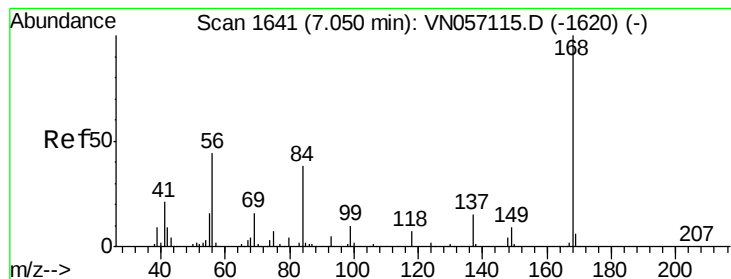
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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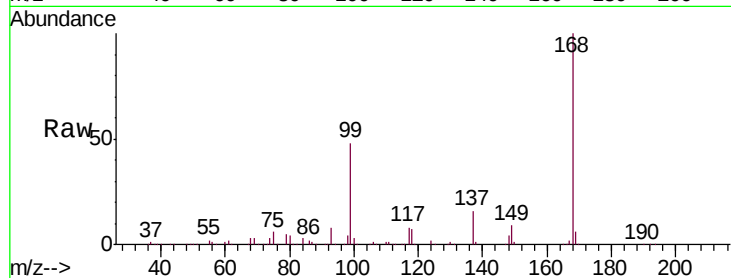
PB122100TB

Tgt Ion:168 Resp: 1413255

Ion Ratio Lower Upper

168 100

99 48.5 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

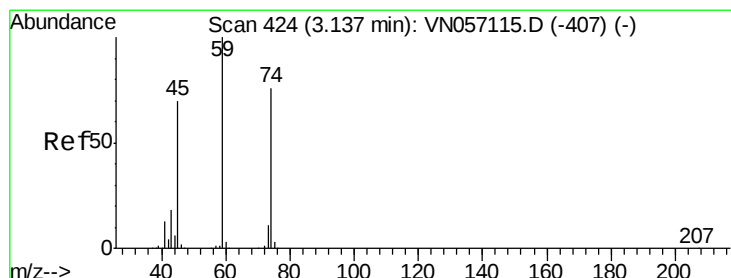
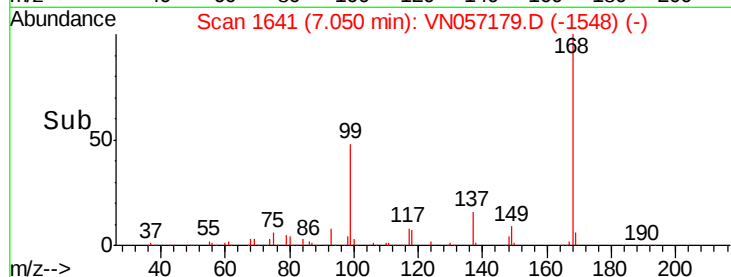
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#8

Diethyl Ether

Concen: 3.208 ug/l

RT: 3.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: VN057179.D

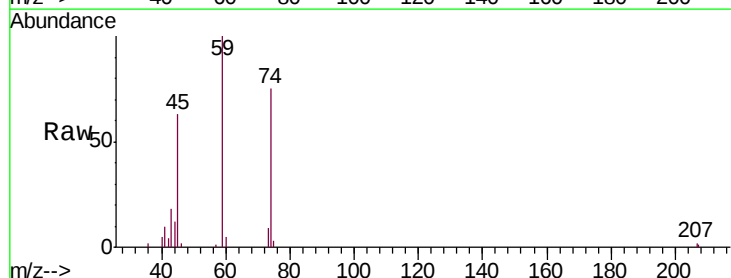
Acq: 11 Aug 2019 11:49

Tgt Ion: 74 Resp: 24991

Ion Ratio Lower Upper

74 100

45 87.5 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

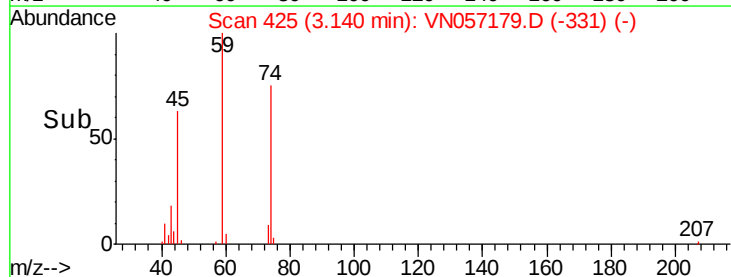
3.14

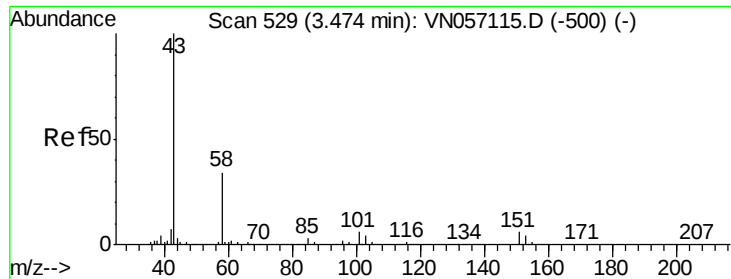
10000

5000

0

Time--> 3.10 3.15 3.20





#16

Acetone

Concen: 23.653 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

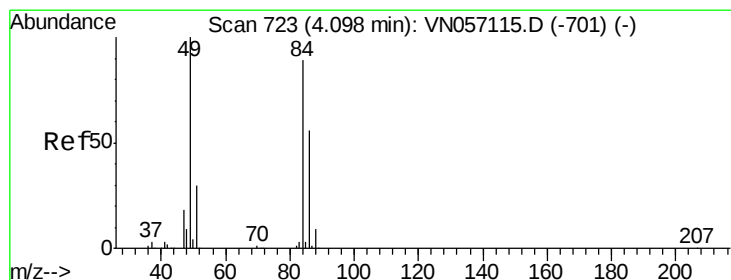
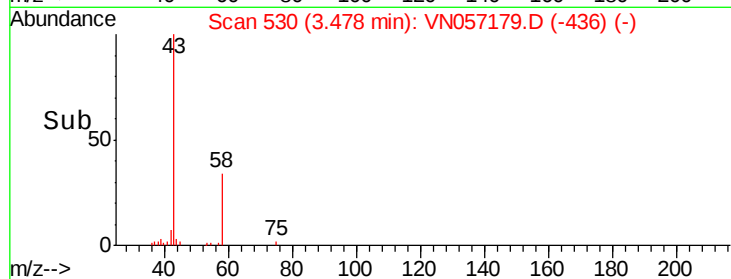
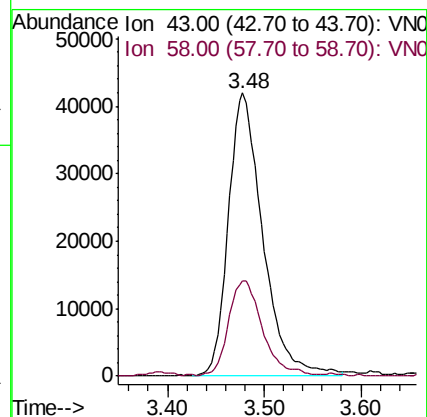
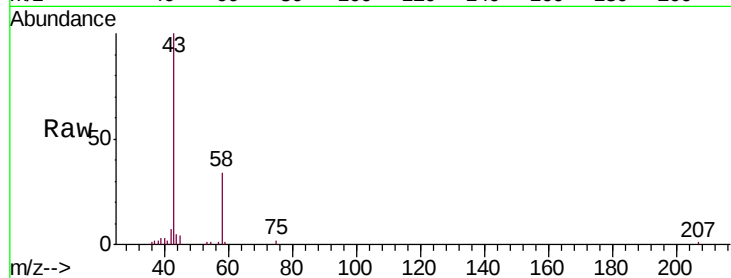
PB122100TB

Tgt Ion: 43 Resp: 103820

Ion Ratio Lower Upper

43 100

58 33.1 27.4 41.2



#20

Methylene Chloride

Concen: 8.450 ug/l

RT: 4.10 min Scan# 724

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Tgt Ion: 84 Resp: 122413

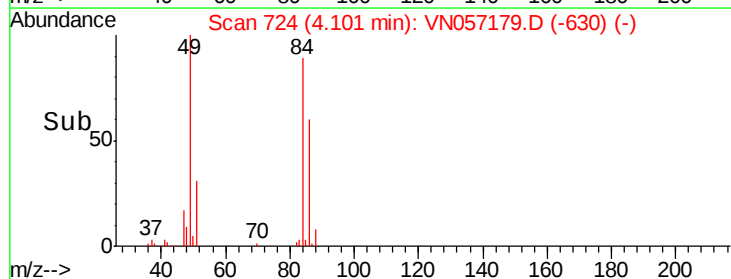
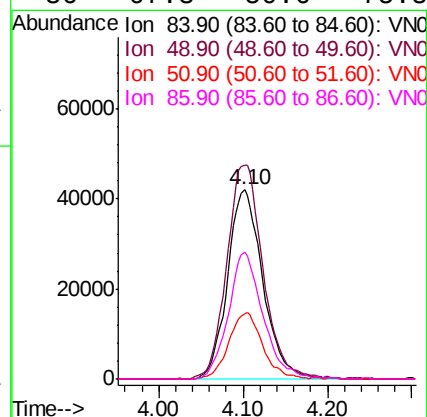
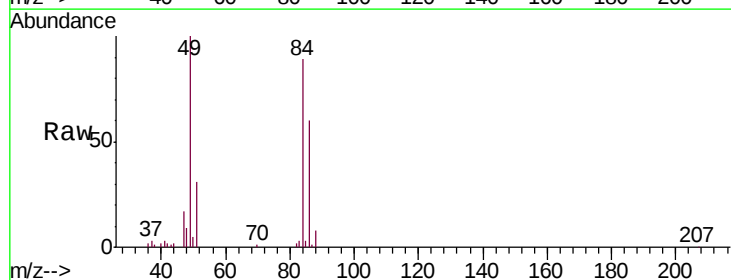
Ion Ratio Lower Upper

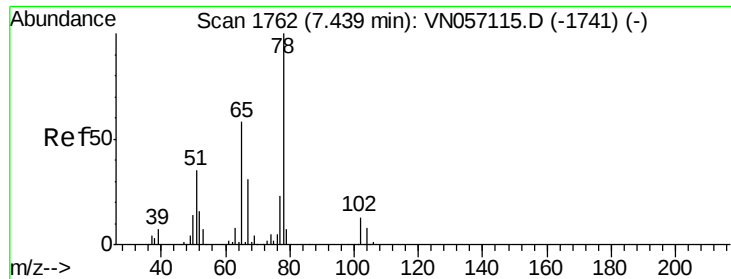
84 100

49 112.7 89.5 134.3

51 34.4 27.2 40.8

86 67.3 50.6 75.8

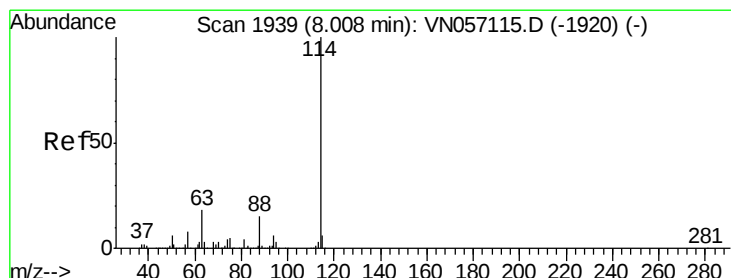
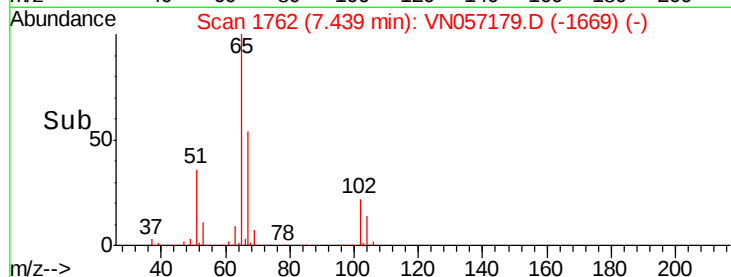
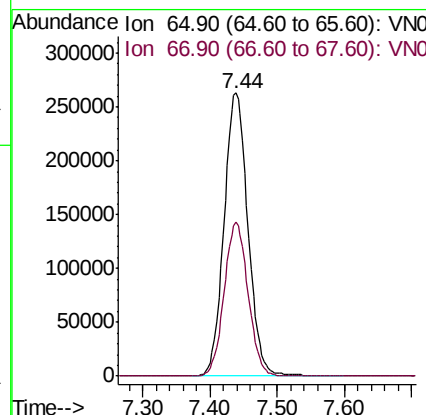
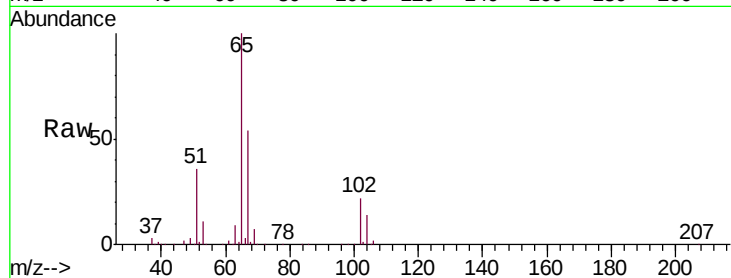




#33
 1,2-Dichloroethane-d4
 Concen: 44.891 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

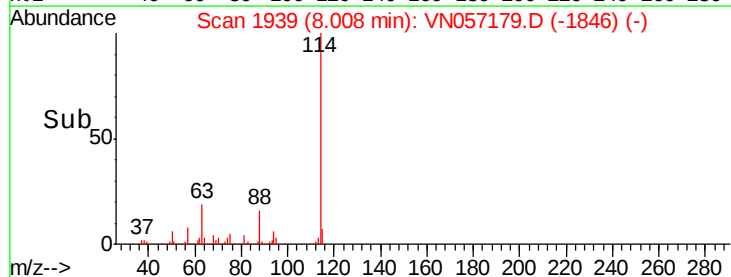
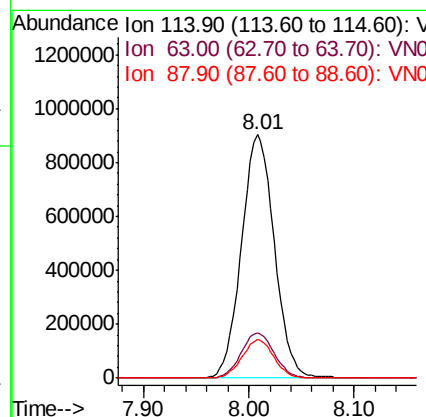
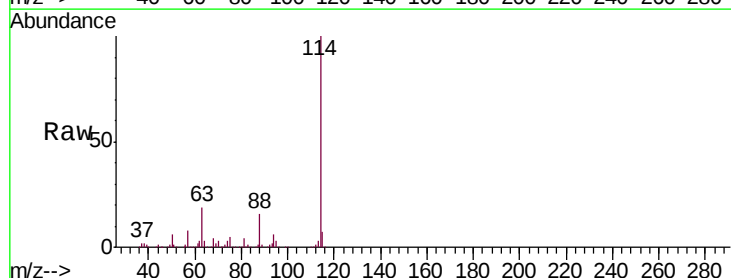
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

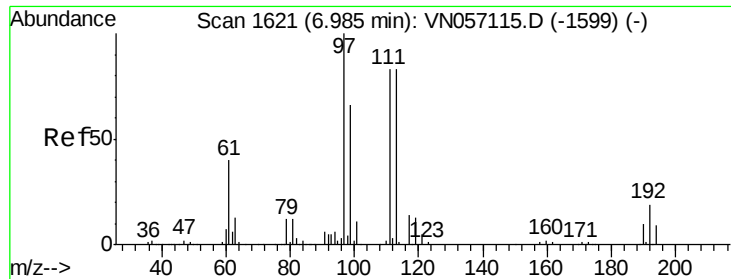
Tgt Ion: 65 Resp: 652458
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 114 Resp: 1956939
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.8 0.0 30.0

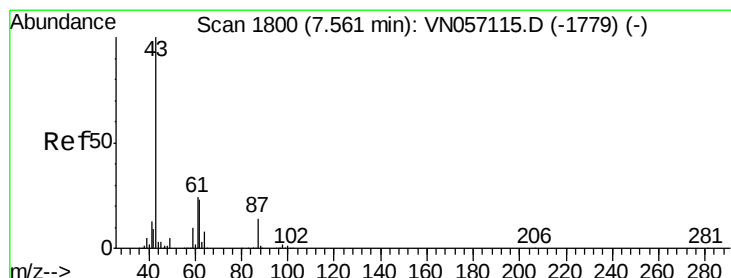
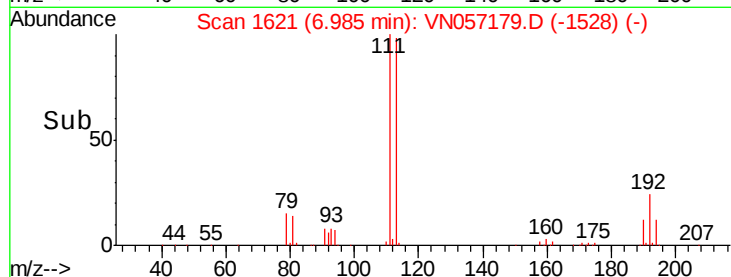
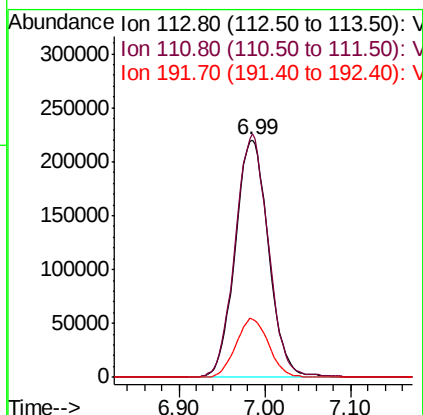
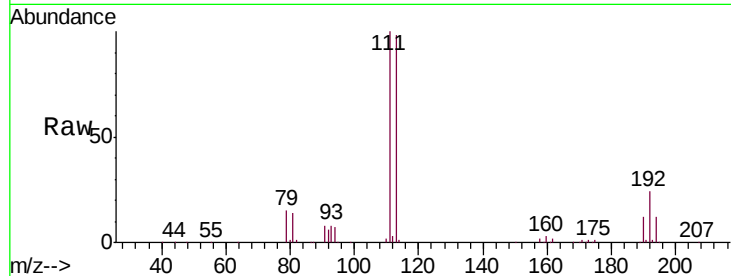




#35
 Dibromofluoromethane
 Concen: 48.394 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

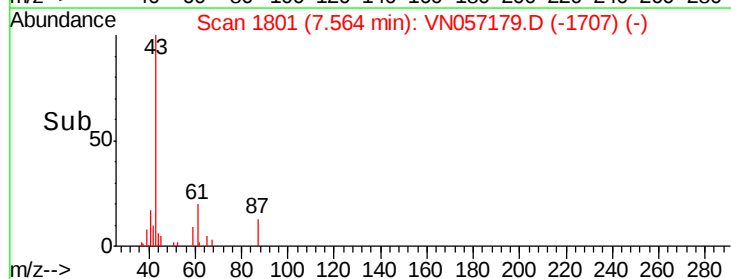
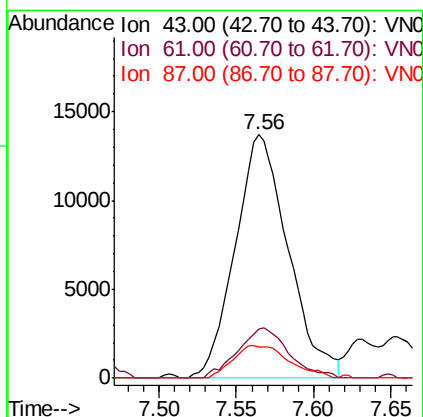
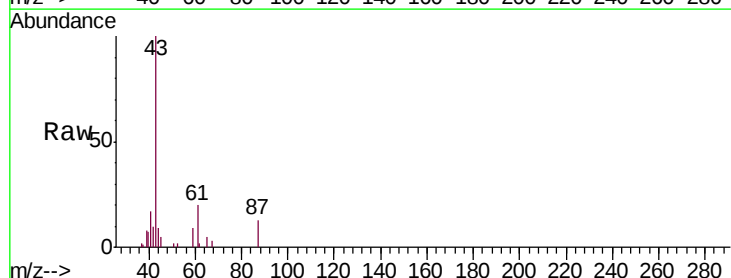
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

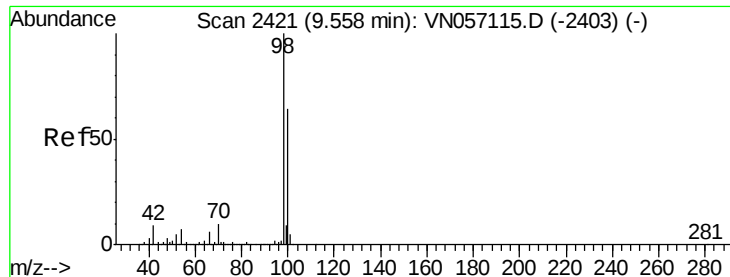
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	24.3	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 1.440 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	24.2	36.2#
87	14.2	11.8	17.8

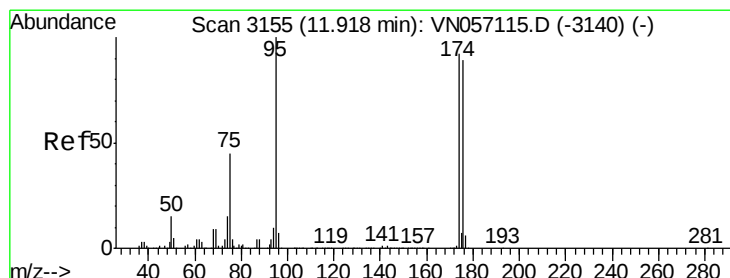
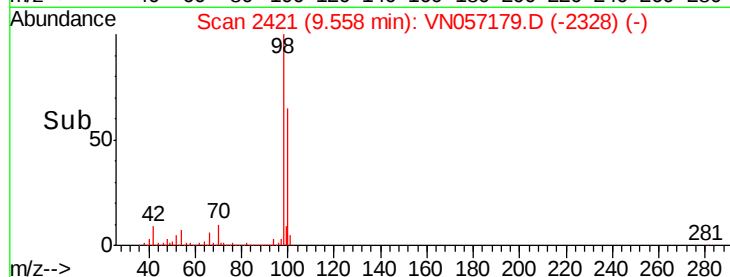
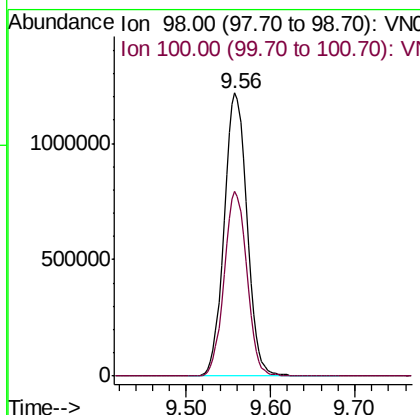
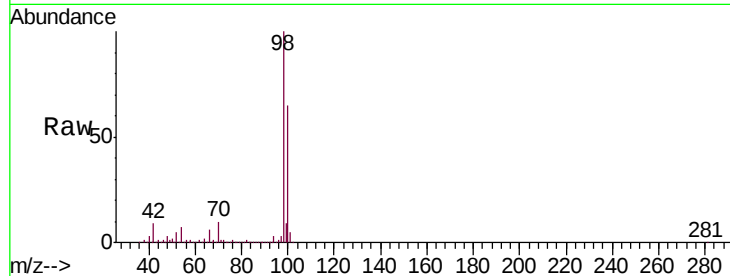




#50
Toluene-d8
Concen: 48.759 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

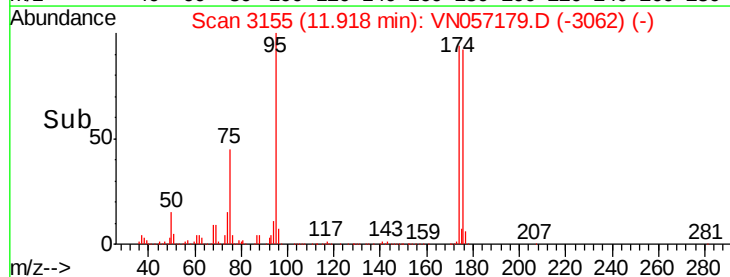
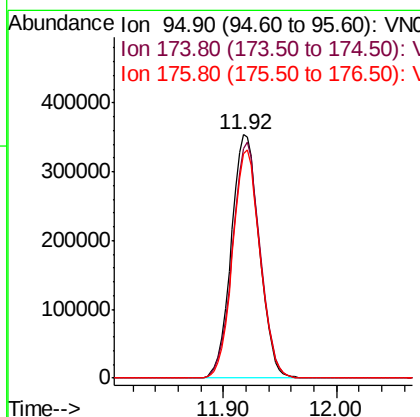
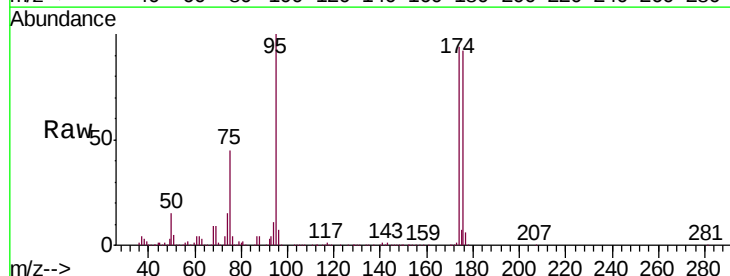
Instrument :
MSVOA_N
ClientSampled :
PB122100TB

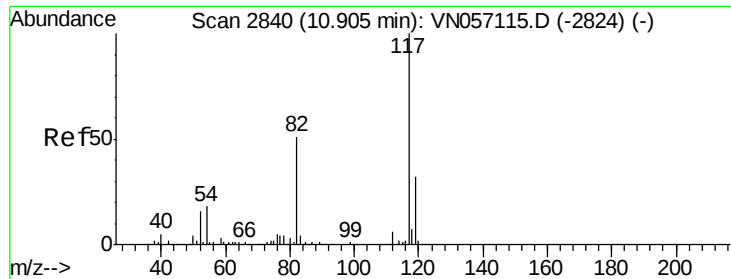
Tgt Ion: 98 Resp: 2290765
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.234 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Tgt Ion: 95 Resp: 609054
Ion Ratio Lower Upper
95 100
174 95.3 0.0 185.0
176 91.8 0.0 181.2

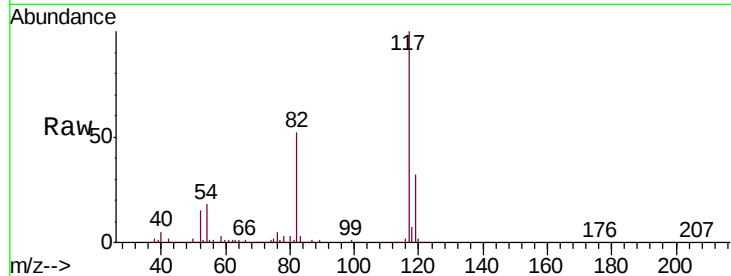




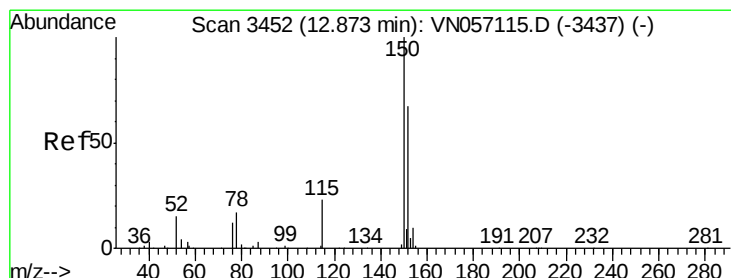
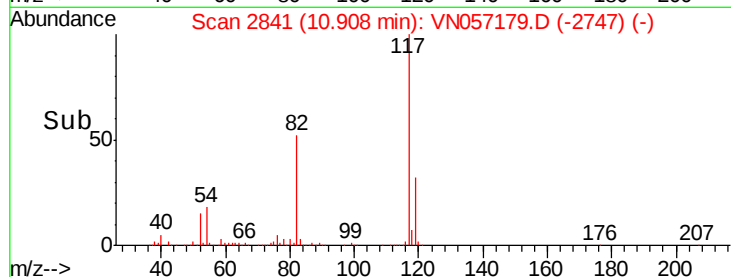
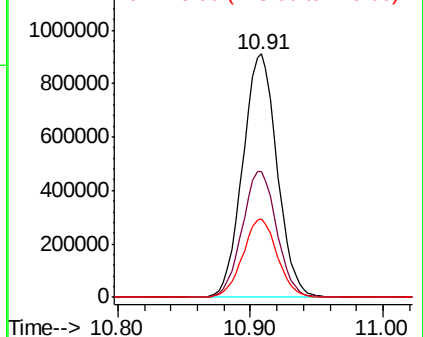
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
PB122100TB

Tgt Ion:117 Resp: 1637679
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.1 25.7 38.5

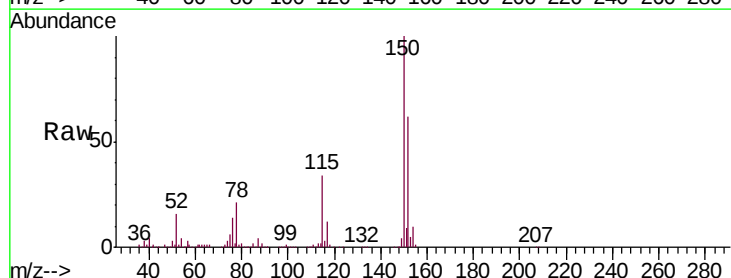


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

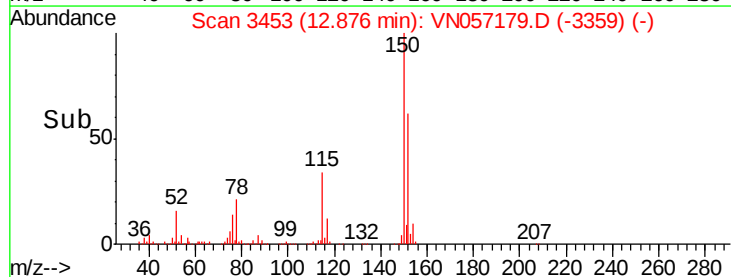
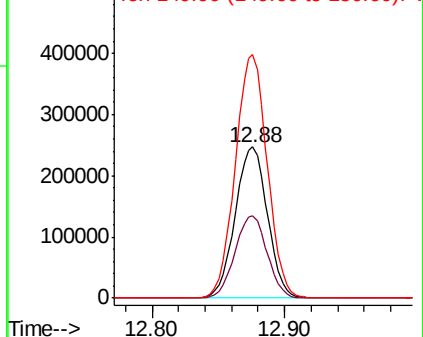


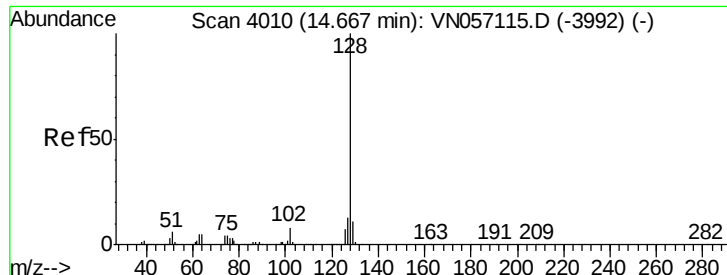
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Tgt Ion:152 Resp: 416170
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.5
150 159.7 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: 3.691 ug/l
RT: 14.67 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VN057179.D
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Instrument :
MSVOA_N
ClientSampleId :
PB122100TB

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.3	8.8	13.2

