

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054754.D
 Acq On : 28 Mar 2019 19:29
 Operator : JC/SP
 Sample : K2111-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S7A(20)

Quant Time: Mar 29 07:42:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

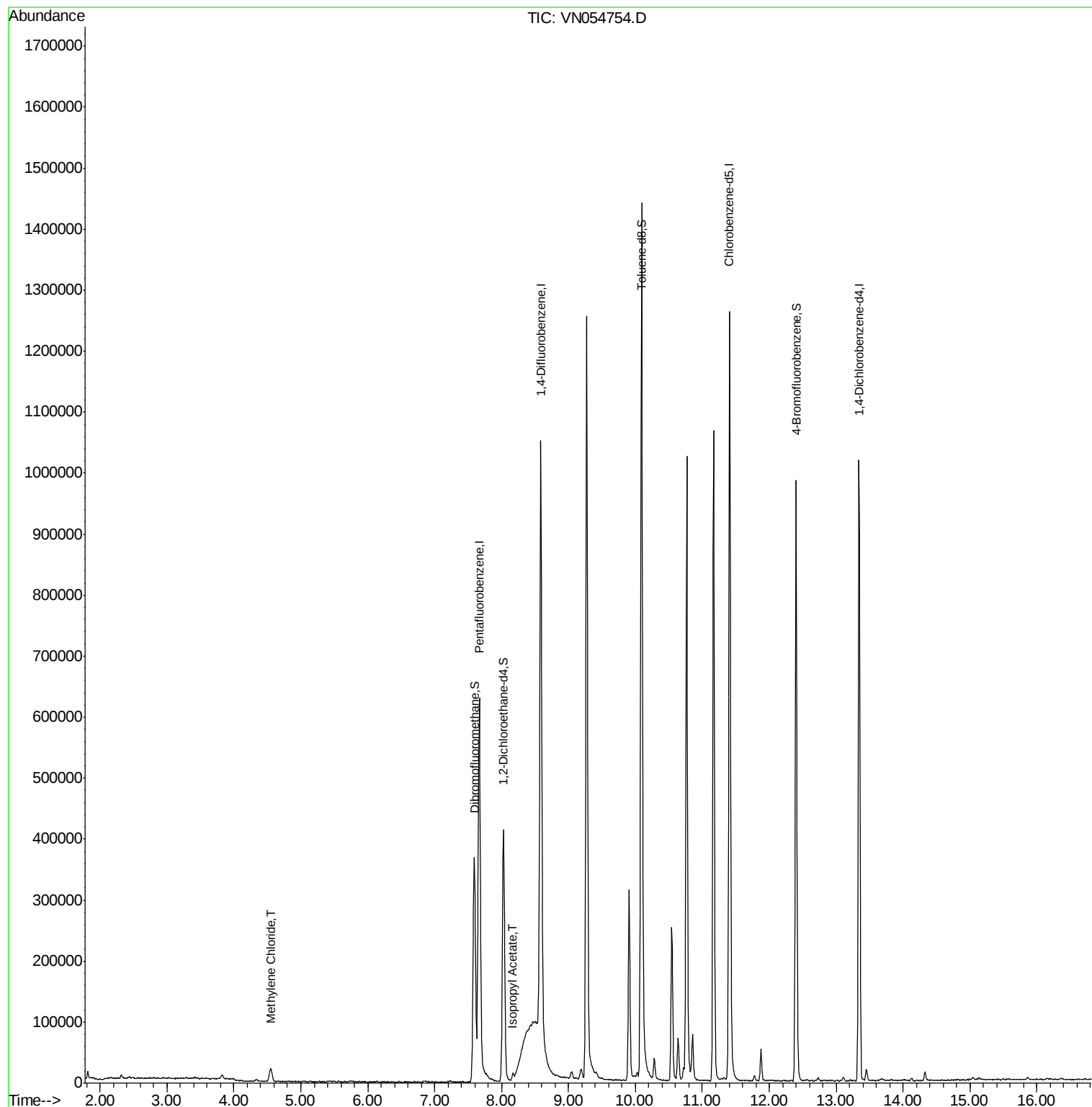
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	545193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	755154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	268866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355481	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	280226	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	10.09	98	1073042	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	329429	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
20) Methylene Chloride	4.55	84	15017	2.499	ug/l #	84
43) Isopropyl Acetate	8.17	43	14964	1.486	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054754.D

Acq: 28 Mar 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

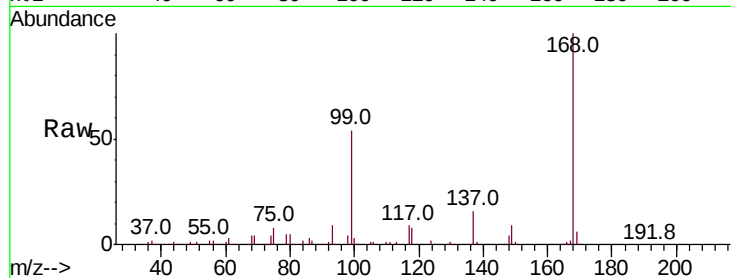
S7A(20)

Tot Ion:168 Resp: 545193

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

100000

50000

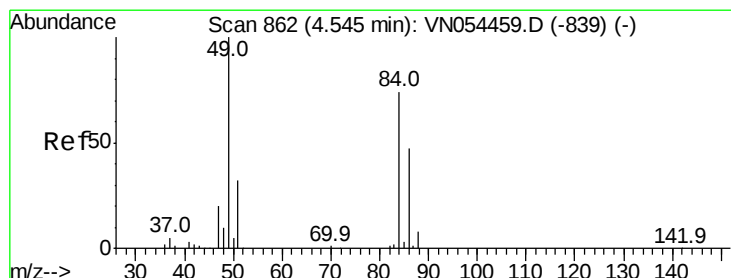
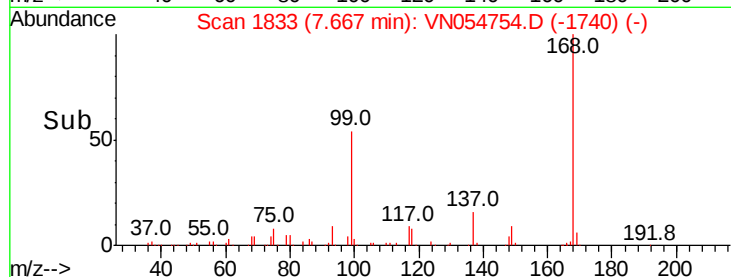
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 2.499 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054754.D

Acq: 28 Mar 2019 19:29

Tgt Ion: 84 Resp: 15017

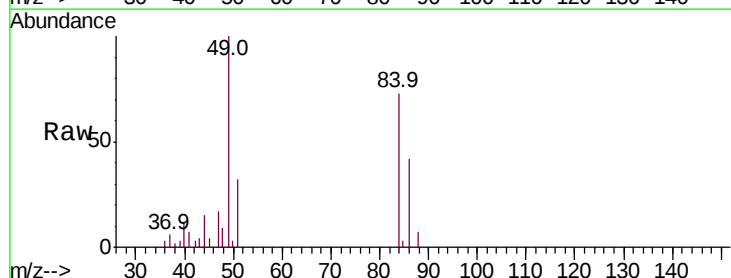
Ion Ratio Lower Upper

84 100

49 137.5 89.7 134.5#

51 40.5 28.2 42.4

86 58.3 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

10000

8000

6000

4000

2000

0

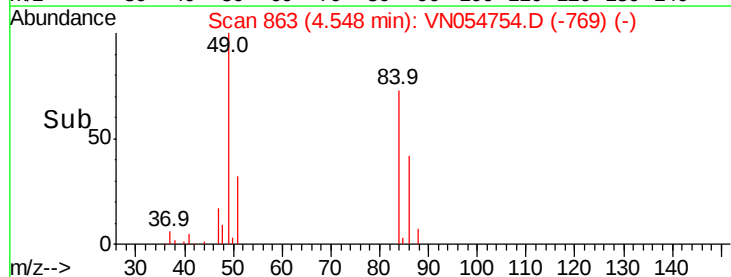
Time-->

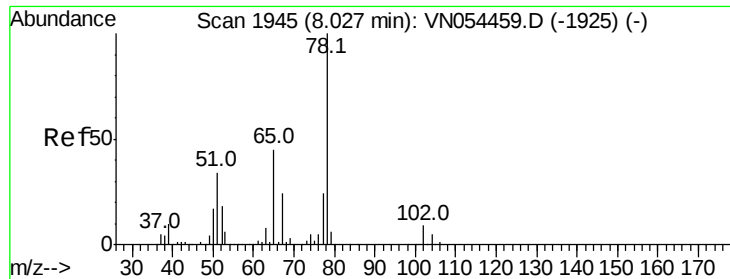
4.45

4.50

4.55

4.60

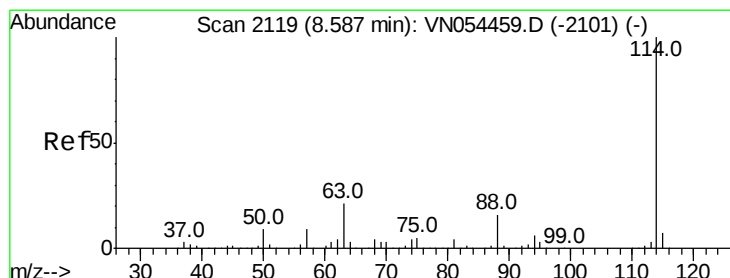
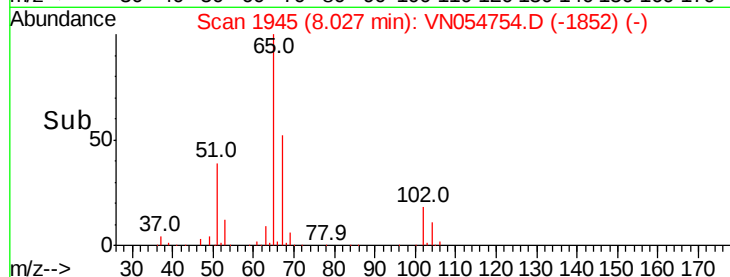
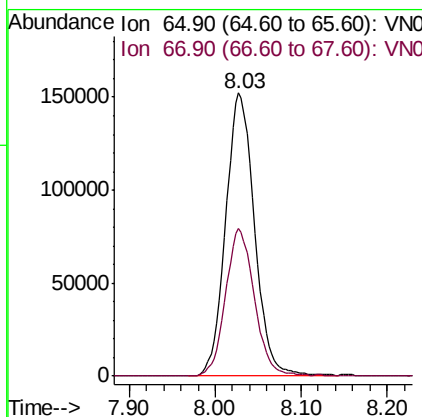
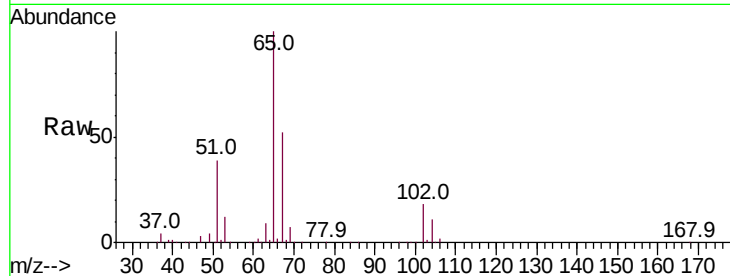




#33
 1,2-Dichloroethane-d4
 Concen: 52.421 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054754.D
 Acq: 28 Mar 2019 19:29

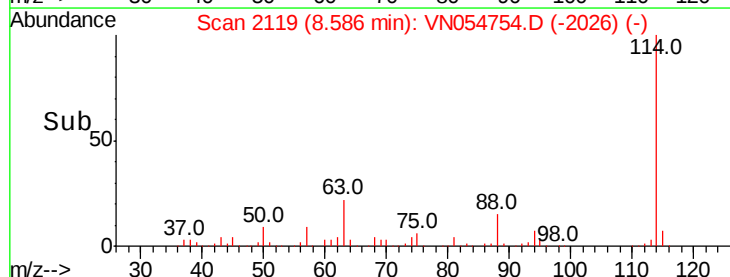
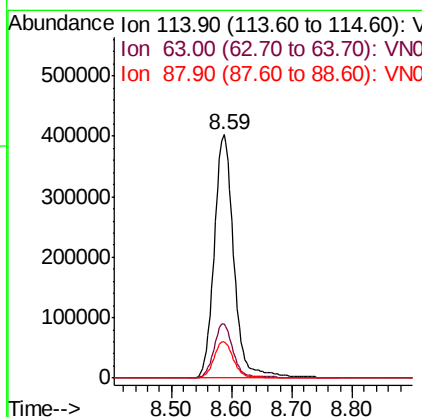
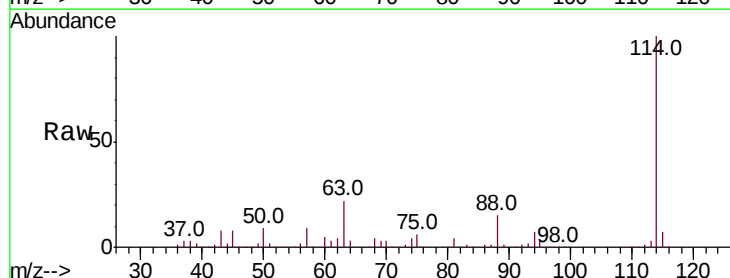
Instrument :
 MSVOA_N
 ClientSampleId :
 S7A(20)

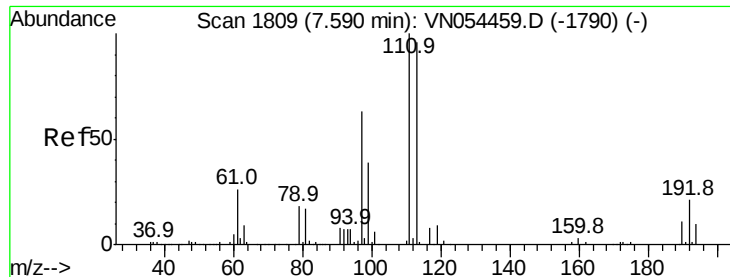
Tot Ion: 65 Resp: 355481
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054754.D
 Acq: 28 Mar 2019 19:29

Tgt Ion: 114 Resp: 896589
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 15.1 0.0 30.2

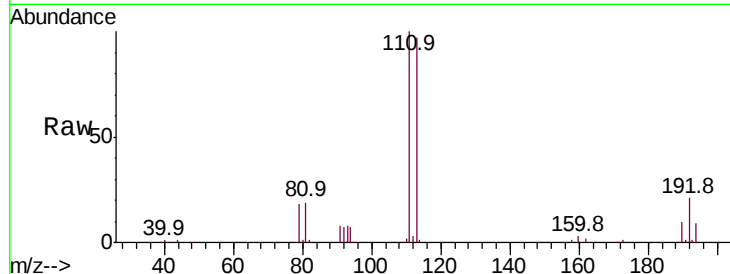




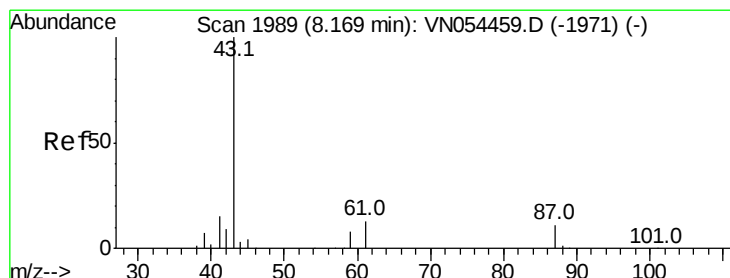
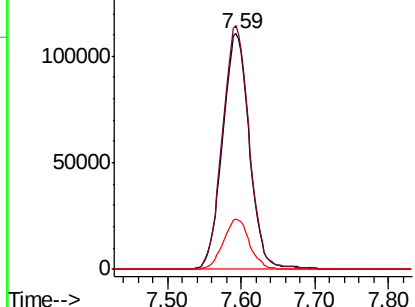
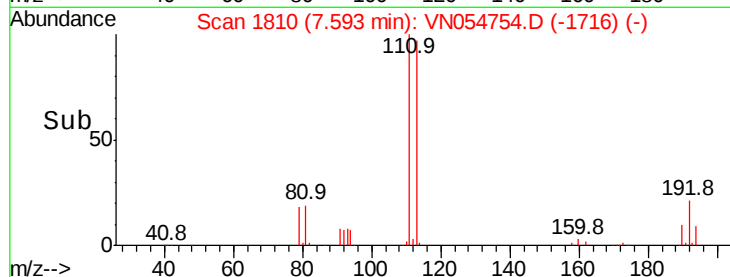
#35
 Dibromofluoromethane
 Concen: 48.513 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054754.D
 Acq: 28 Mar 2019 19:29

Instrument :
 MSVOA_N
 ClientSampled :
 S7A(20)

Tot Ion:113 Resp: 280226
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 20.9 19.2 28.8

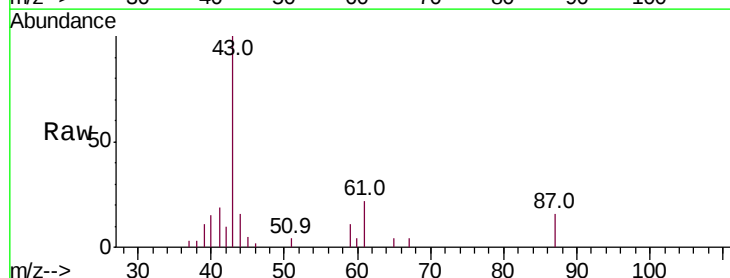


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

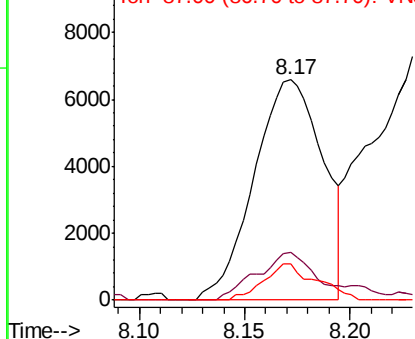
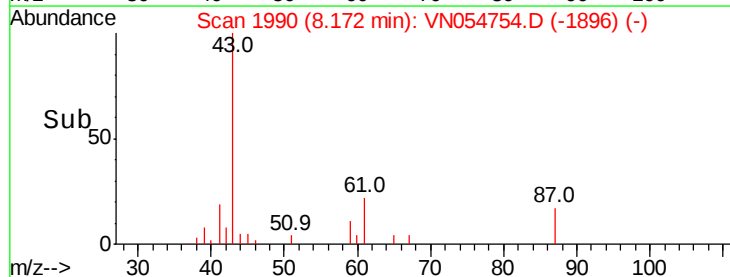


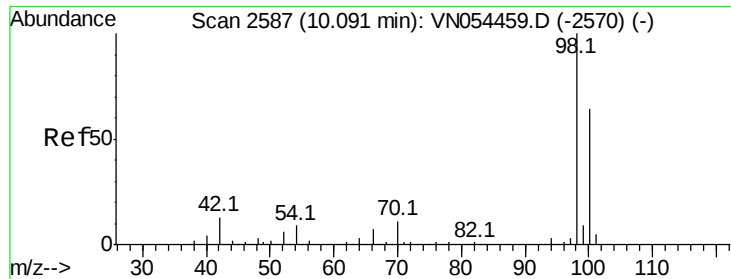
#43
 Isopropyl Acetate
 Concen: 1.486 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054754.D
 Acq: 28 Mar 2019 19:29

Tgt Ion: 43 Resp: 14964
 Ion Ratio Lower Upper
 43 100
 61 18.5 15.8 23.8
 87 12.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.414 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054754.D

Acq: 28 Mar 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

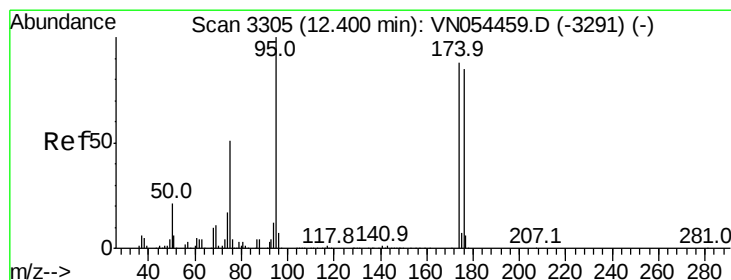
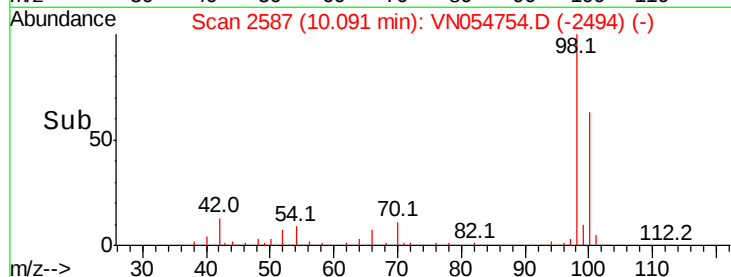
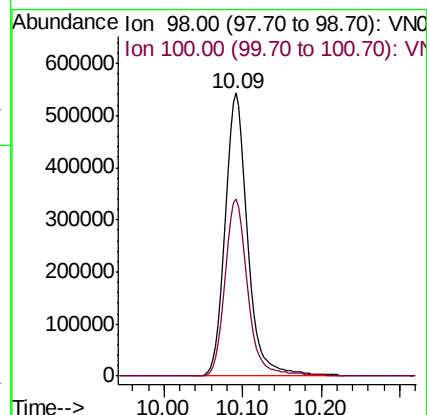
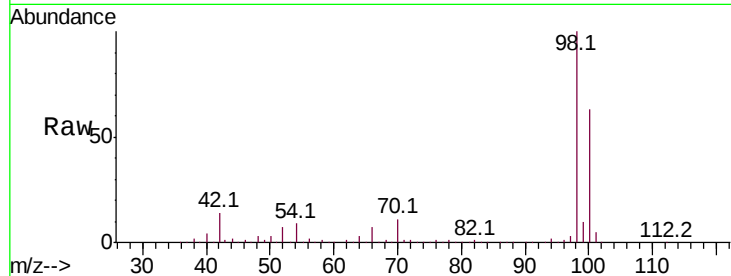
S7A(20)

Tot Ion: 98 Resp: 1073042

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.582 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054754.D

Acq: 28 Mar 2019 19:29

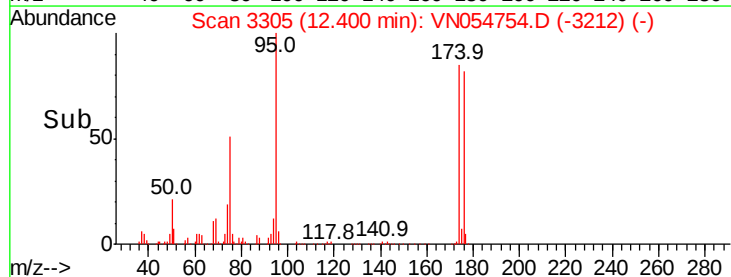
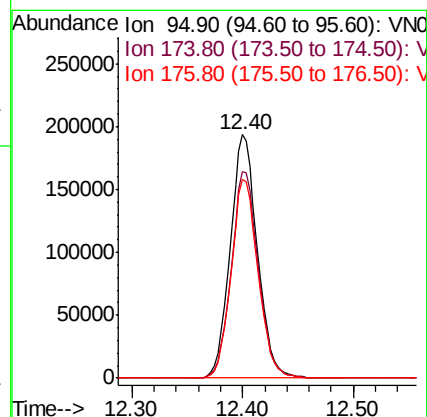
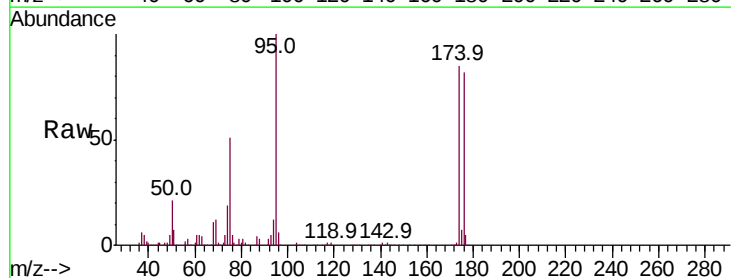
Tgt Ion: 95 Resp: 329429

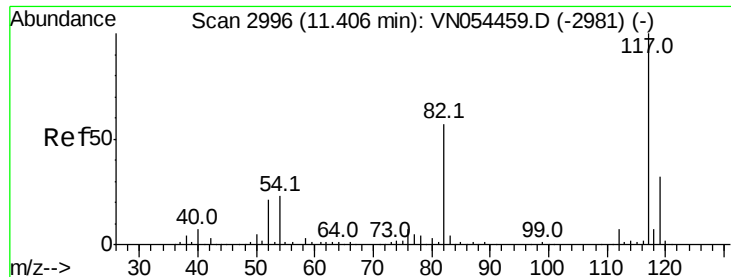
Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

176 81.3 0.0 187.4

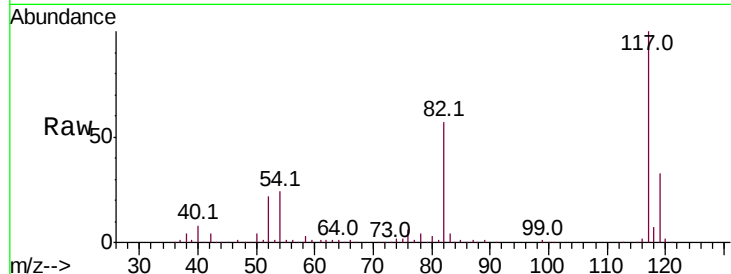




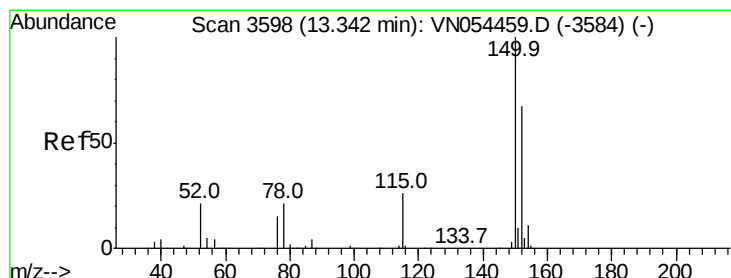
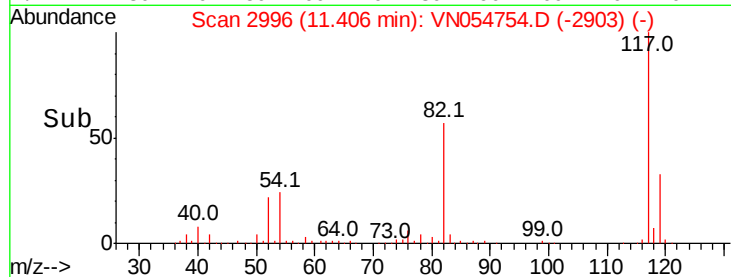
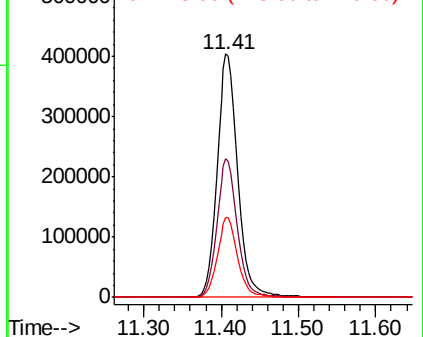
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054754.D
Acq: 28 Mar 2019 19:29

Instrument :
MSVOA_N
ClientSampled :
S7A(20)

Tot Ion:117 Resp: 755154
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 32.8 25.8 38.6

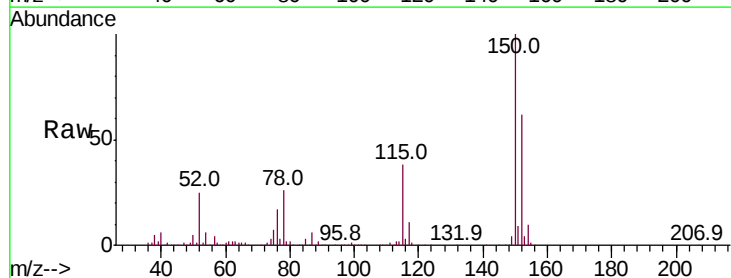


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054754.D
Acq: 28 Mar 2019 19:29

Tgt Ion:152 Resp: 268866
Ion Ratio Lower Upper
152 100
115 59.2 27.2 81.6
150 158.6 0.0 349.2



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

