

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055709.D
 Acq On : 21 May 2019 15:06
 Operator : JC/SP
 Sample : K2959-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20663

Quant Time: May 22 05:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

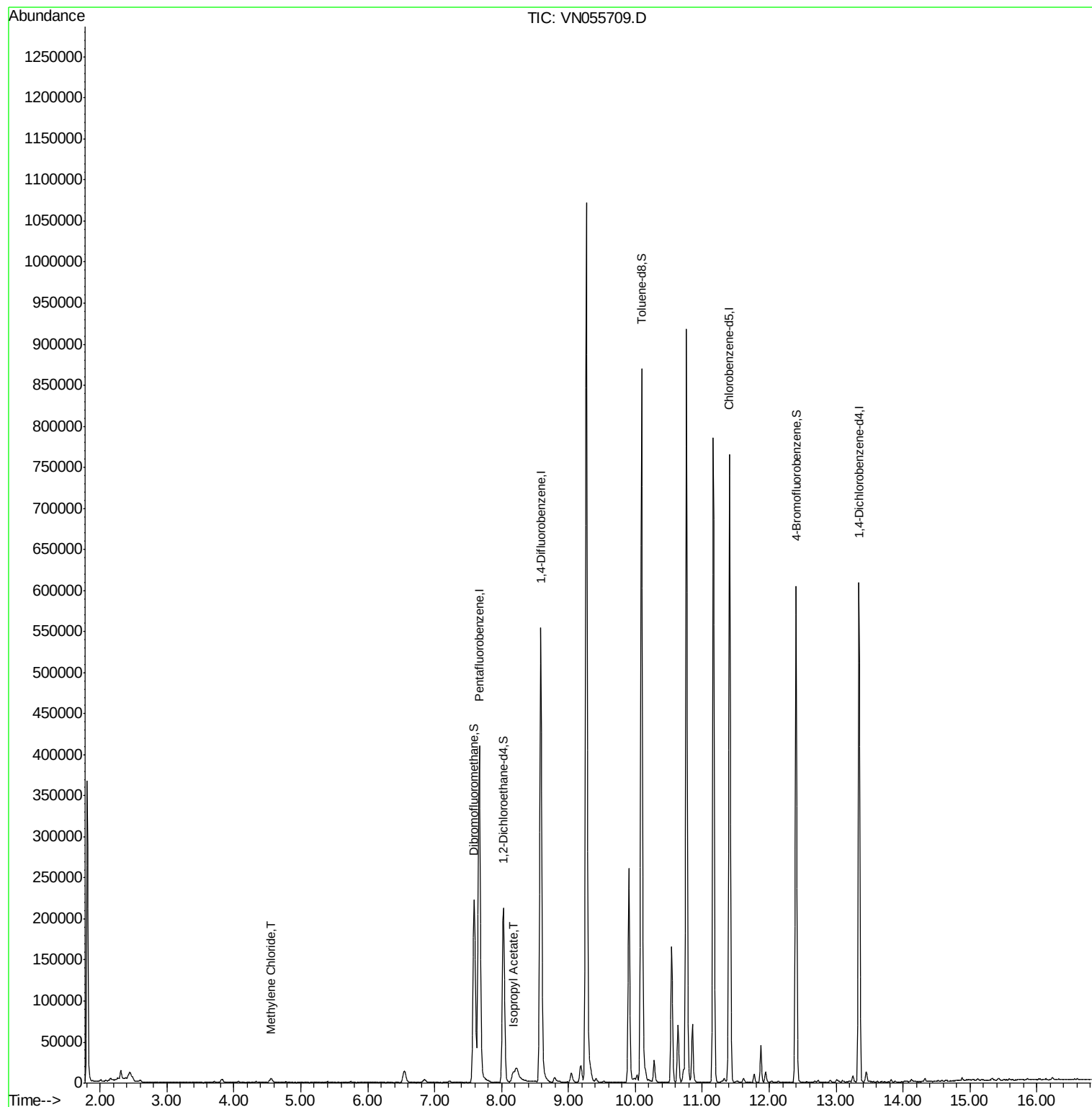
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	567508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182699	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	
35) Dibromofluoromethane	7.59	113	173243	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.09	98	653347	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	206812	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
Target Compounds						
20) Methylene Chloride	4.55	84	4378	1.081	ug/l	95
43) Isopropyl Acetate	8.17	43	16643	2.096	ug/l #	84

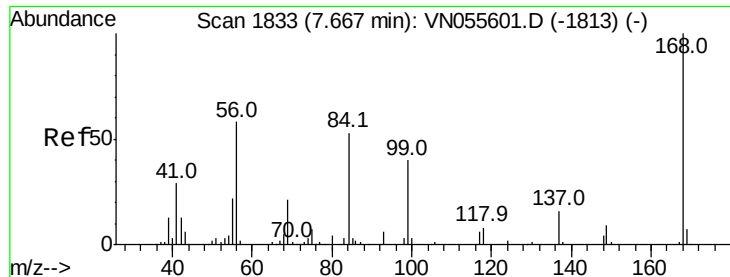
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

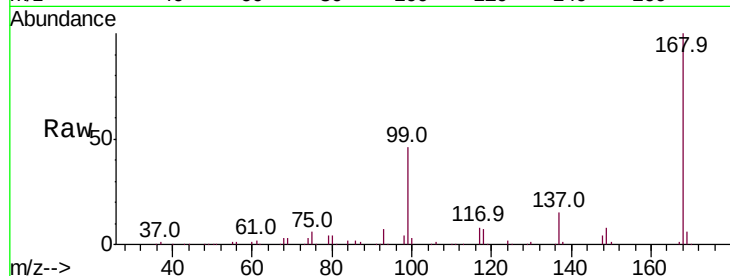
20663

Tot Ion:168 Resp: 396651

Ion Ratio Lower Upper

168 100

99 46.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055709.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055709.D (-1740) (-)

7.67

150000

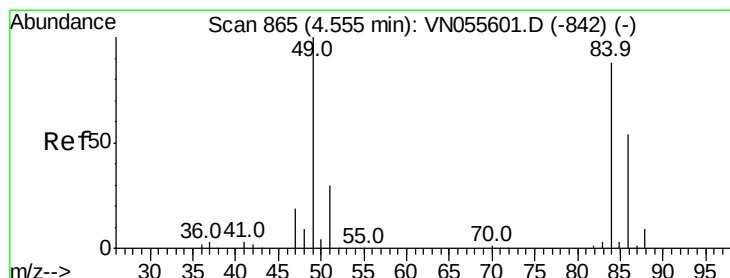
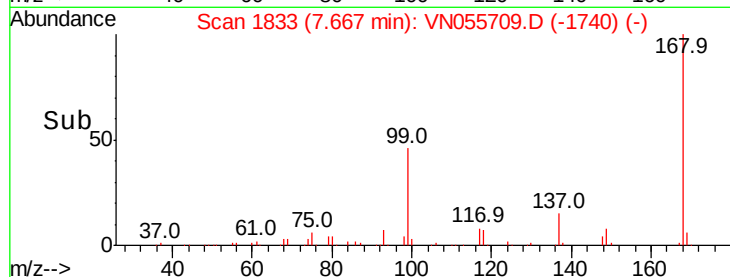
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 1.081 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Tgt Ion: 84 Resp: 4378

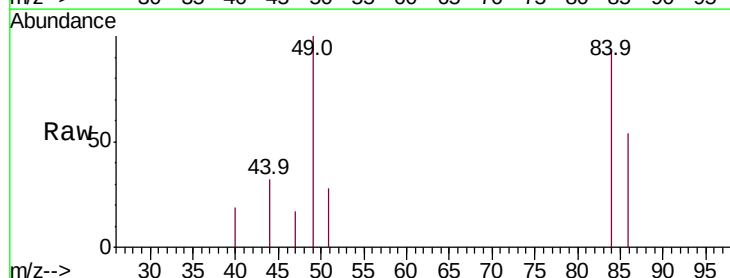
Ion Ratio Lower Upper

84 100

49 107.9 91.0 136.4

51 30.1 27.5 41.3

86 58.2 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VN055709.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN055709.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN055709.D (-772) (-)

Ion 85.90 (85.60 to 86.60): VN055709.D (-772) (-)

2500

2000

1500

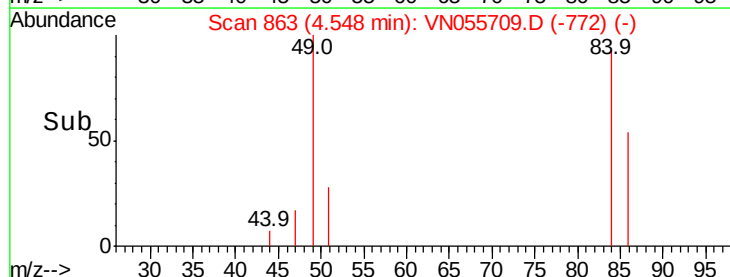
1000

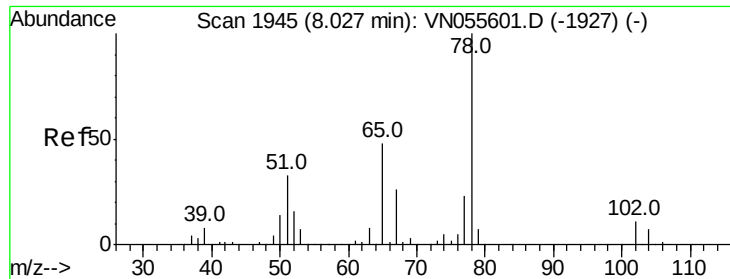
500

0

4.50 4.55 4.60 4.65

Time-->

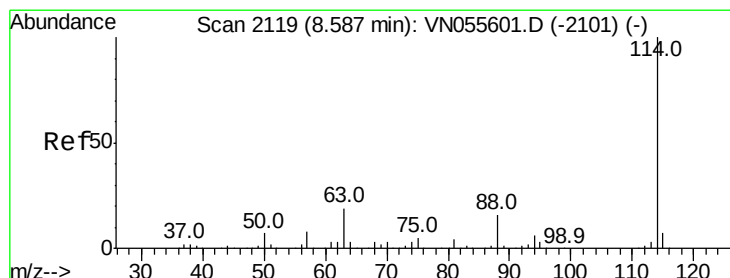
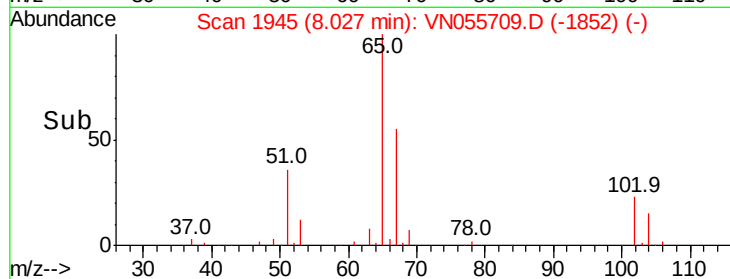
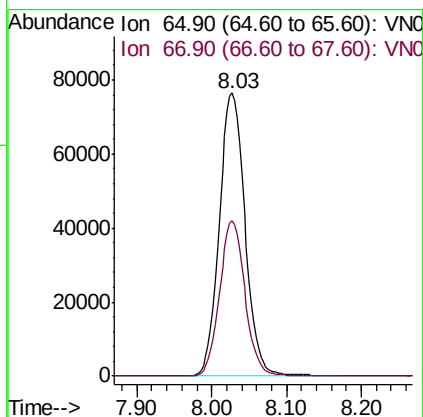
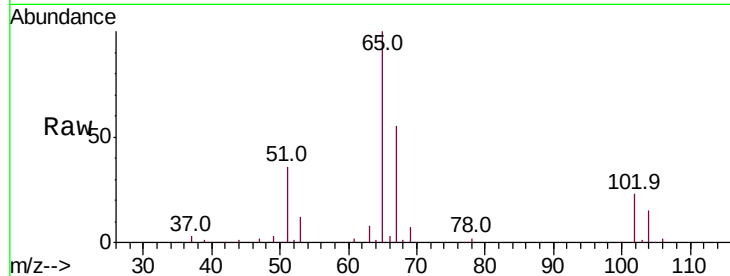




#33
 1,2-Dichloroethane-d4
 Concen: 42.018 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

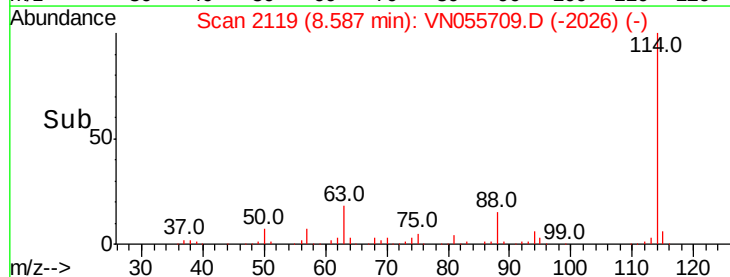
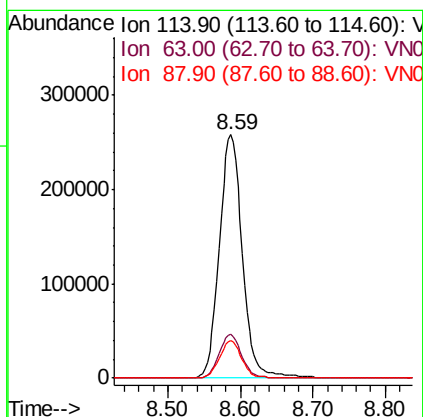
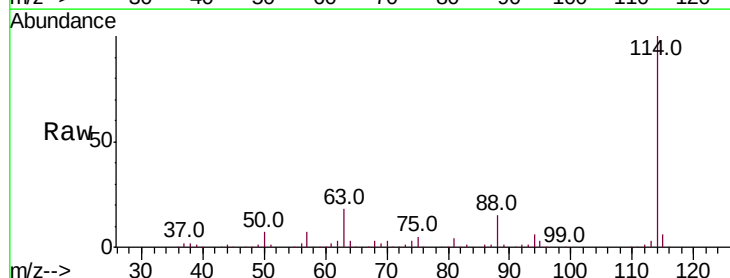
Instrument :
 MSVOA_N
 ClientSampled :
 20663

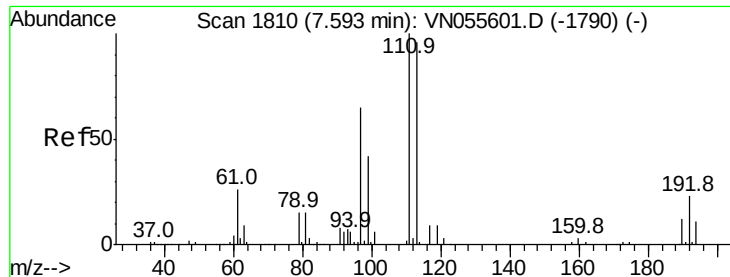
Tot Ion: 65 Resp: 182699
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion: 114 Resp: 567508
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.2
 88 15.3 0.0 31.0

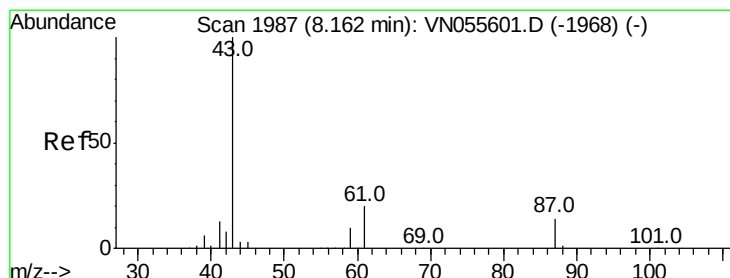
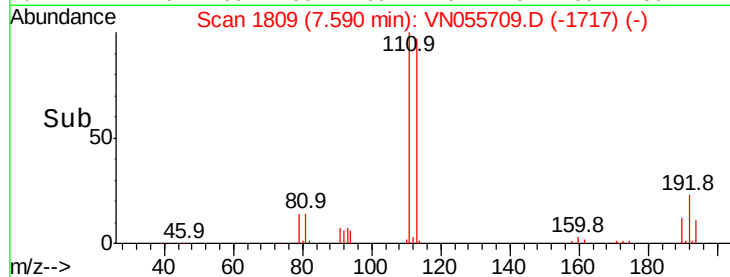
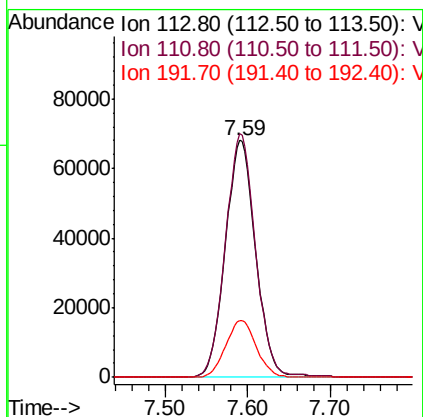
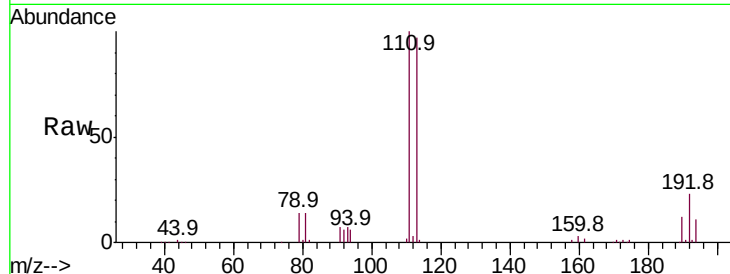




#35
 Dibromofluoromethane
 Concen: 48.055 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

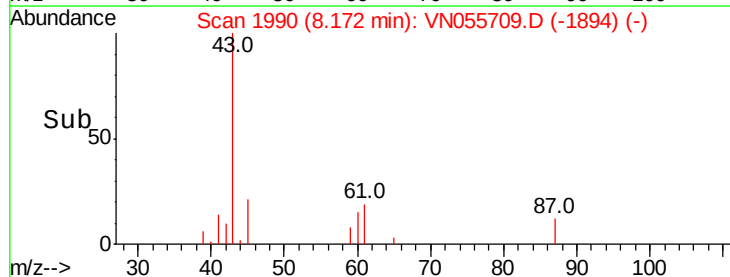
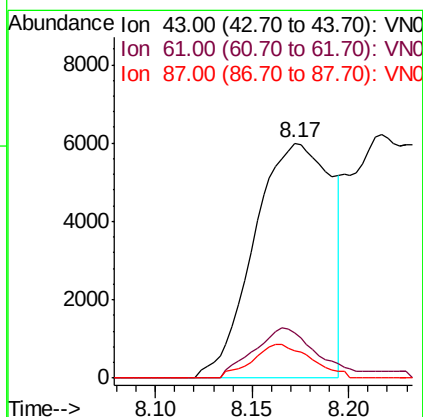
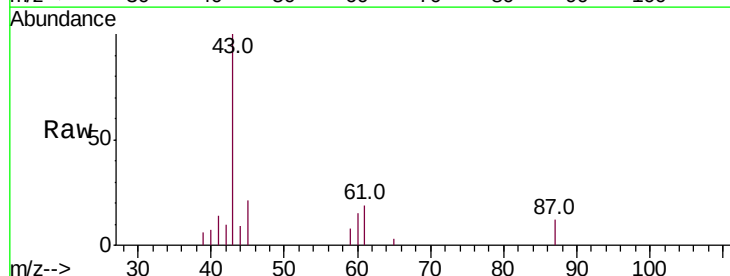
Instrument :
 MSVOA_N
 ClientSampleId :
 20663

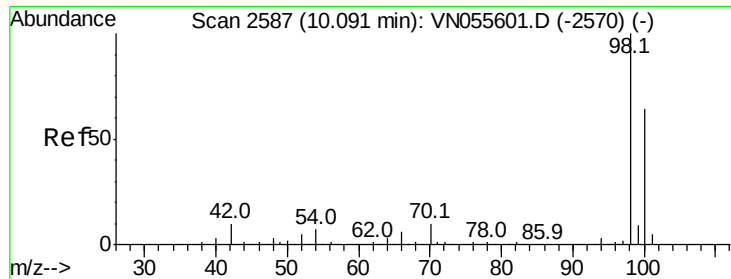
Tot Ion:113 Resp: 173243
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.5 123.7
 192 24.2 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 2.096 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion: 43 Resp: 16643
 Ion Ratio Lower Upper
 43 100
 61 17.4 22.1 33.1#
 87 11.0 11.8 17.6#

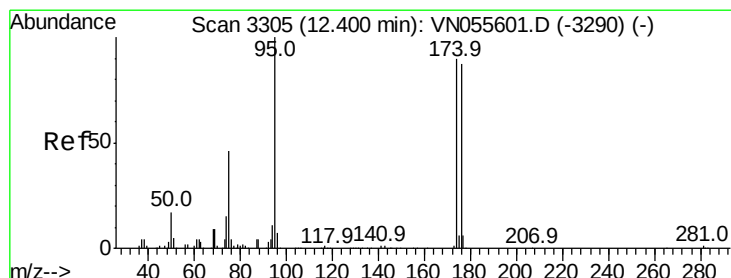
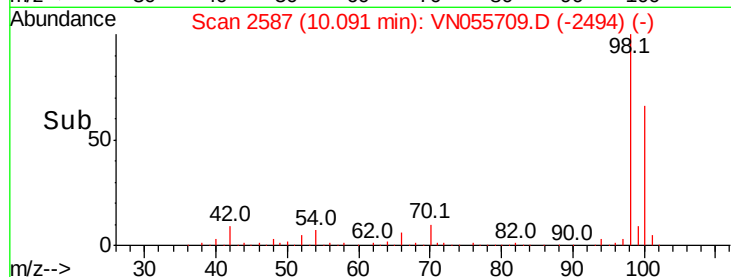
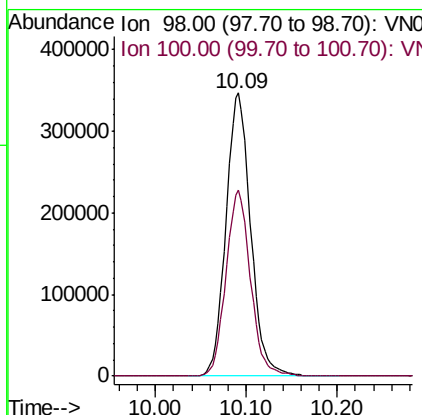
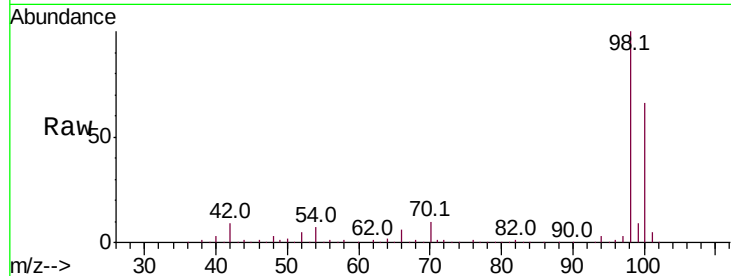




#50
Toluene-d8
Concen: 47.930 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

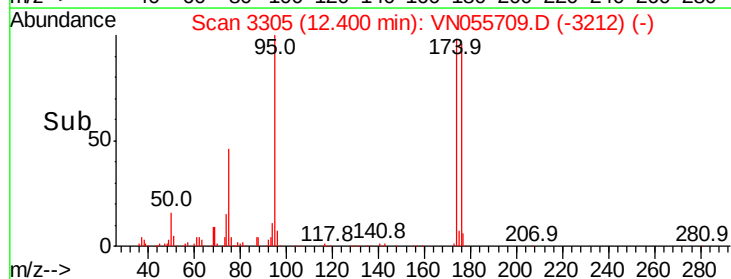
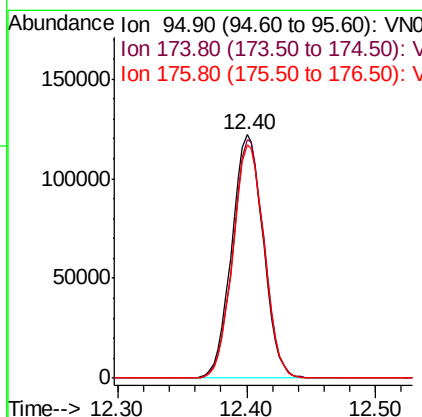
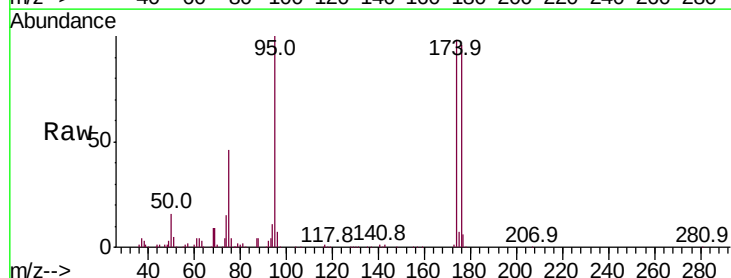
Instrument :
MSVOA_N
ClientSampleId :
20663

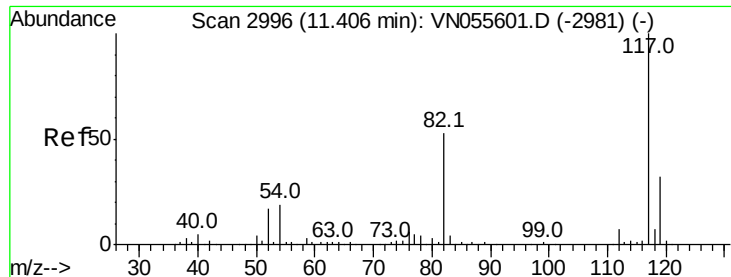
Tot Ion: 98 Resp: 653347
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.937 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 95 Resp: 206812
Ion Ratio Lower Upper
95 100
174 97.0 0.0 180.6
176 94.9 0.0 177.4

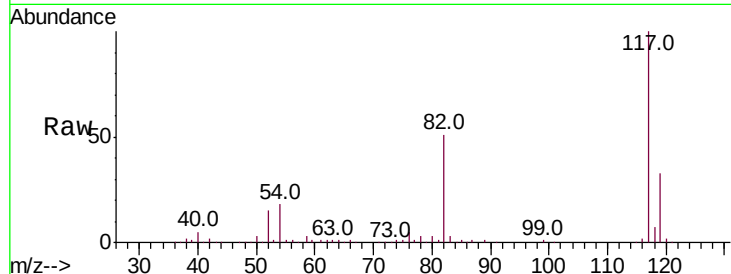




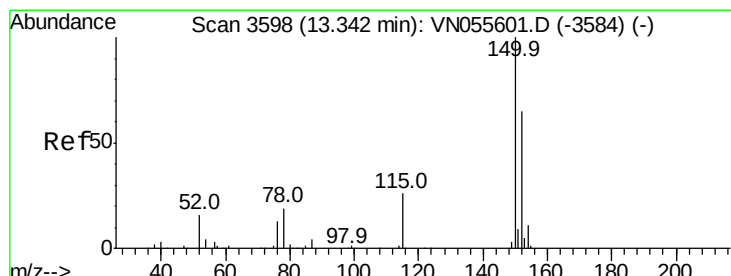
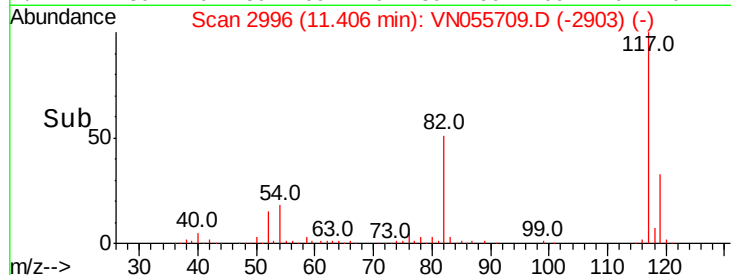
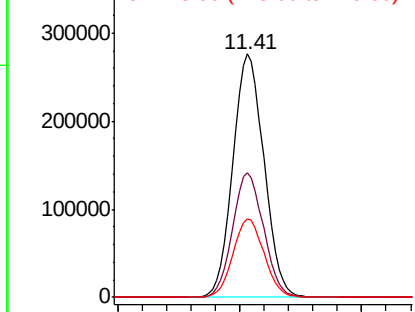
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Instrument :
MSVOA_N
ClientSampled :
20663

Tot Ion:117 Resp: 489406
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.5 25.4 38.2

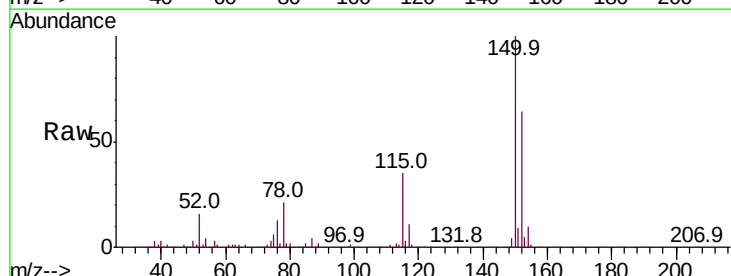


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion:152 Resp: 181695
Ion Ratio Lower Upper
152 100
115 54.4 28.1 84.2
150 155.9 0.0 348.0



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

