

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054876.D
 Acq On : 1 Apr 2019 15:56
 Operator : JC/SP
 Sample : K2182-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S8A(12)

Quant Time: Apr 02 05:29:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

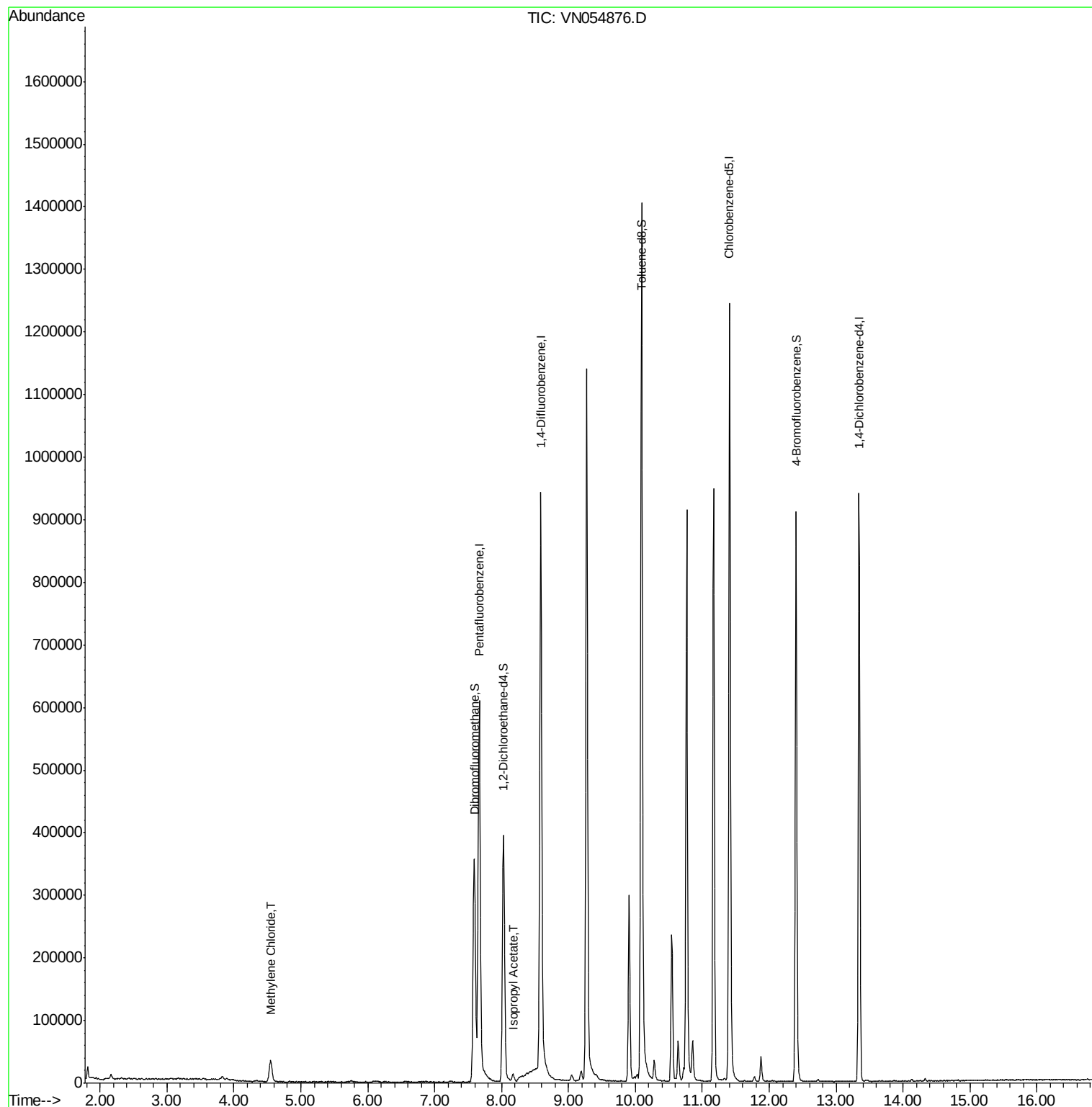
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	518422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	844326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	342796	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	7.59	113	271111	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.09	98	1034584	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	314143	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	21817	3.711	ug/l #	73
43) Isopropyl Acetate	8.17	43	14818	1.581	ug/l #	93

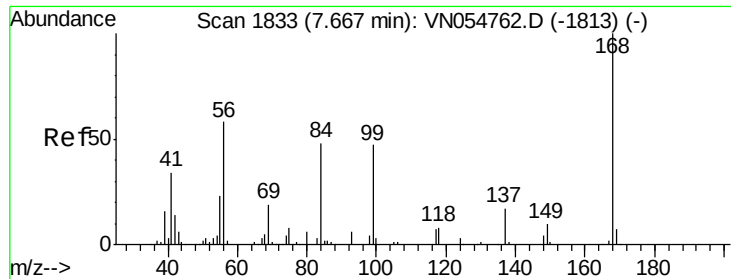
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054876.D

Acq: 1 Apr 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

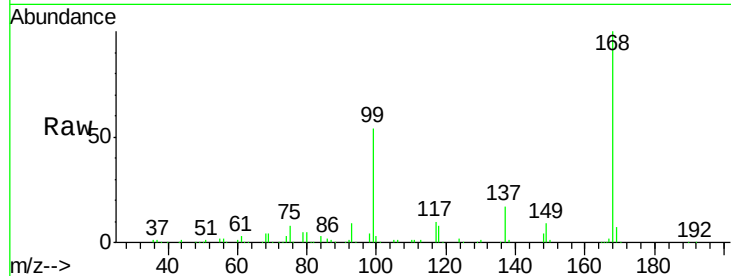
S8A(12)

Tot Ion:168 Resp: 518422

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

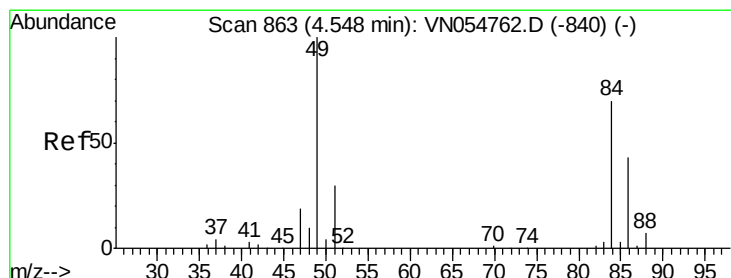
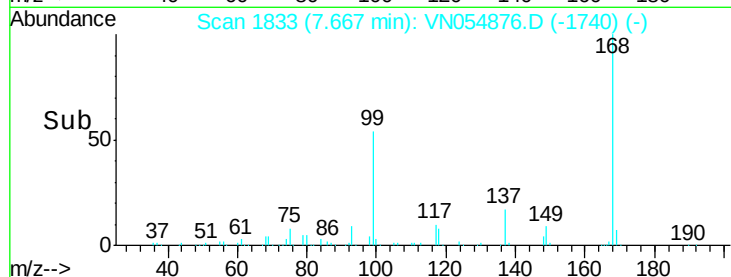
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 3.711 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054876.D

Acq: 1 Apr 2019 15:56

Tgt Ion: 84 Resp: 21817

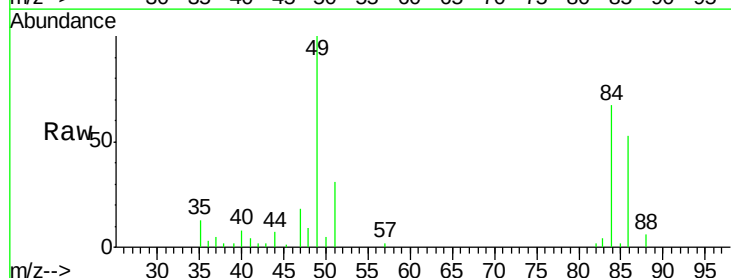
Ion Ratio Lower Upper

84 100

49 149.0 89.7 134.5#

51 46.2 28.2 42.4#

86 78.6 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

15000

10000

5000

0

Time-->

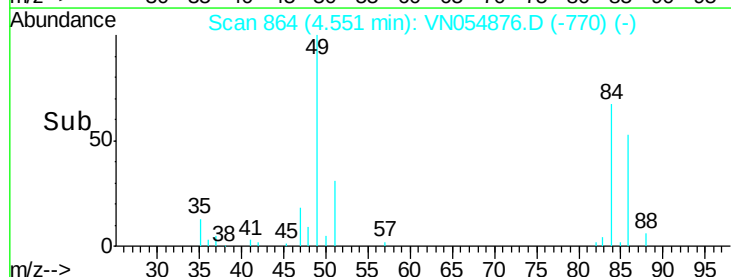
4.45

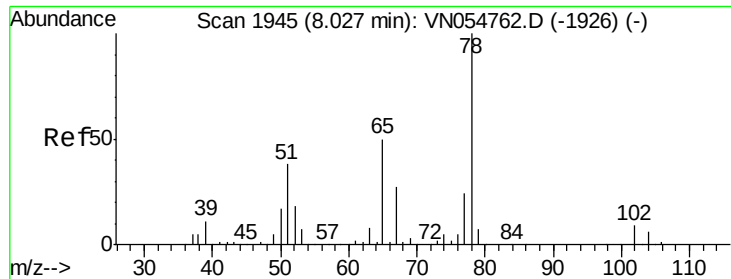
4.50

4.55

4.60

4.65

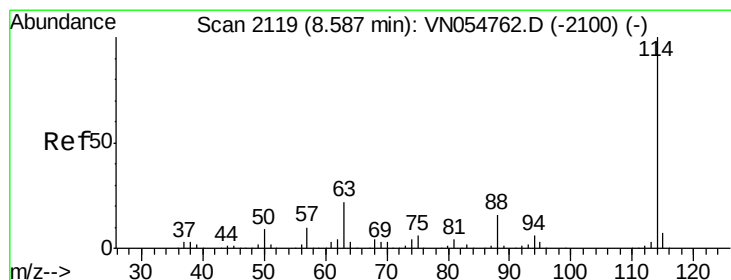
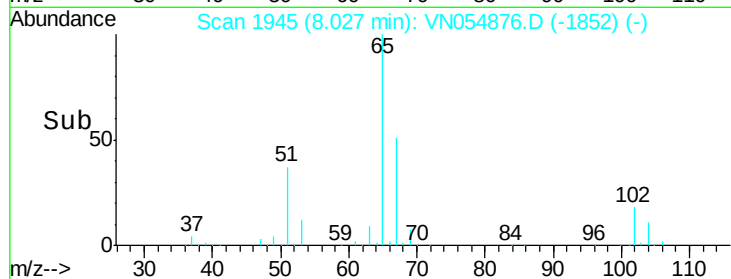
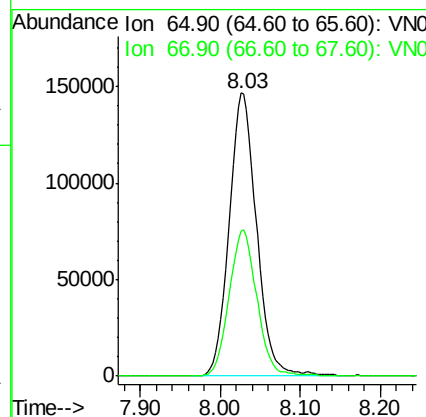
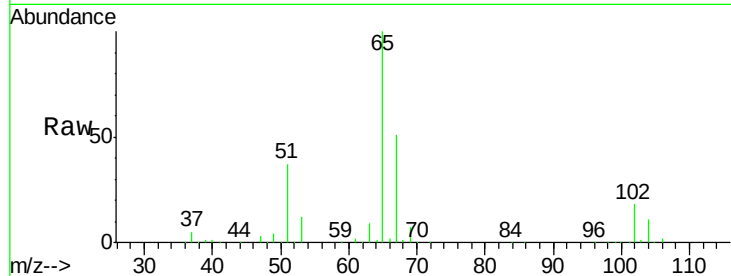




#33
 1,2-Dichloroethane-d4
 Concen: 49.052 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054876.D
 Acq: 1 Apr 2019 15:56

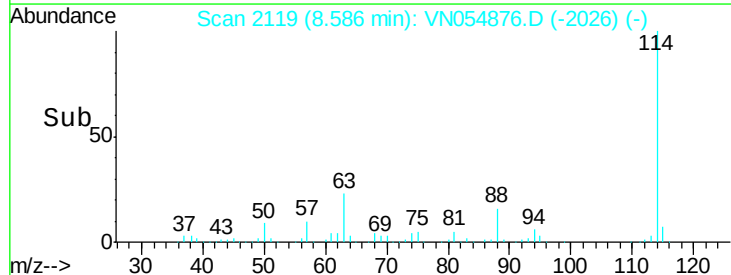
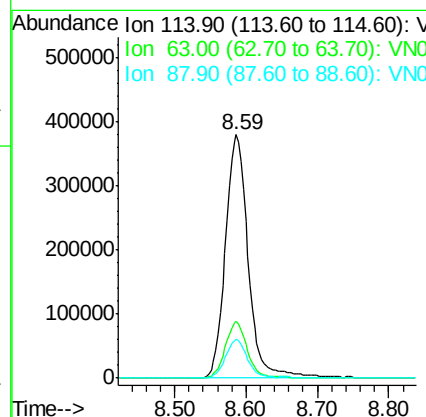
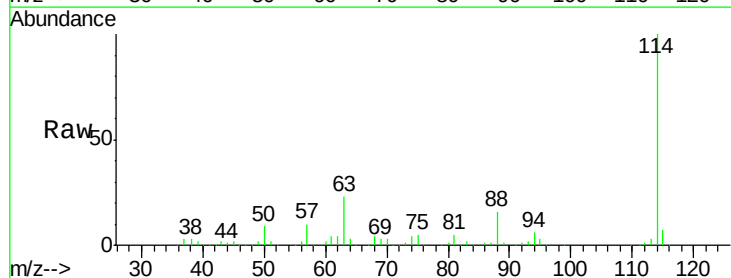
Instrument :
 MSVOA_N
 ClientSampleId :
 S8A(12)

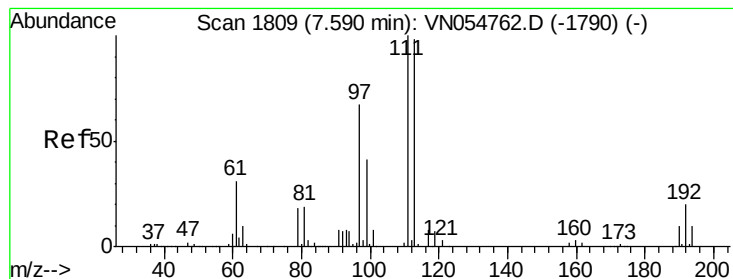
Tot Ion: 65 Resp: 342796
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054876.D
 Acq: 1 Apr 2019 15:56

Tgt Ion: 114 Resp: 844326
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054876.D

Acq: 1 Apr 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

S8A(12)

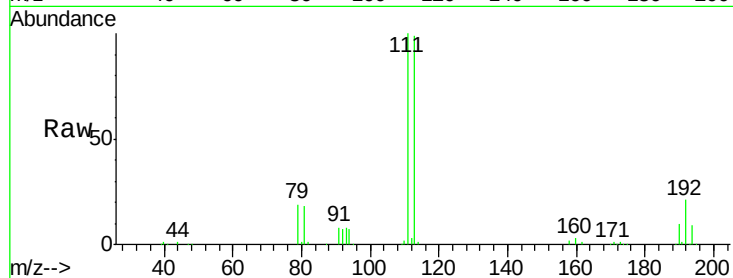
Tot Ion:113 Resp: 271111

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

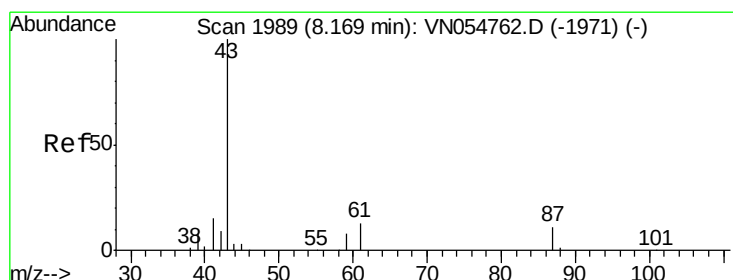
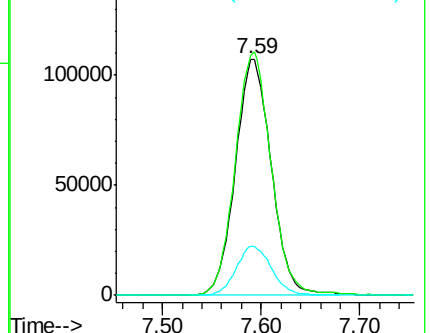
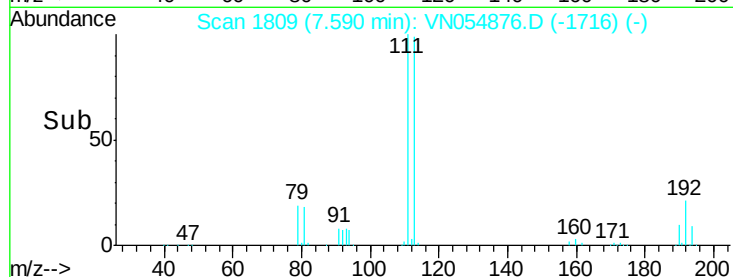
192 20.6 19.2 28.8



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: 1.581 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054876.D

Acq: 1 Apr 2019 15:56

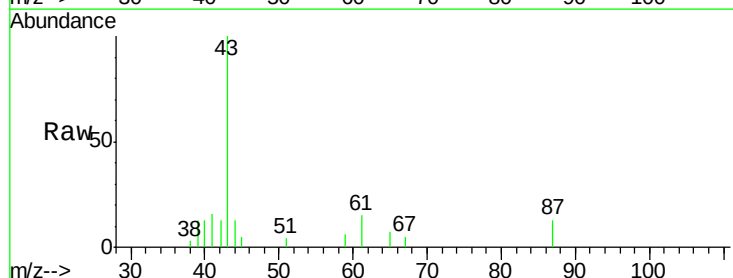
Tgt Ion: 43 Resp: 14818

Ion Ratio Lower Upper

43 100

61 17.6 15.8 23.8

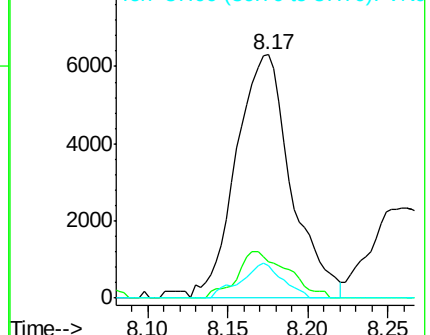
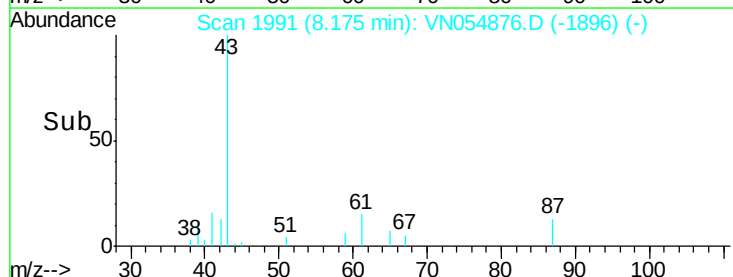
87 10.9 12.0 18.0#

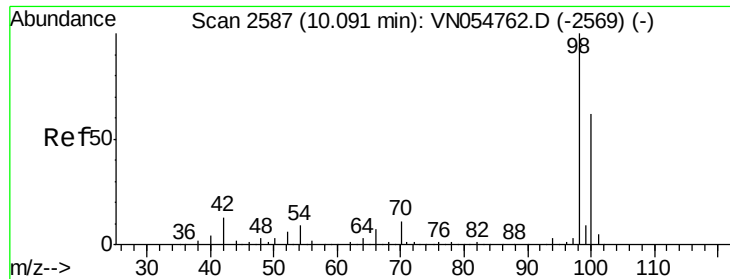


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.436 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054876.D

Acq: 1 Apr 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

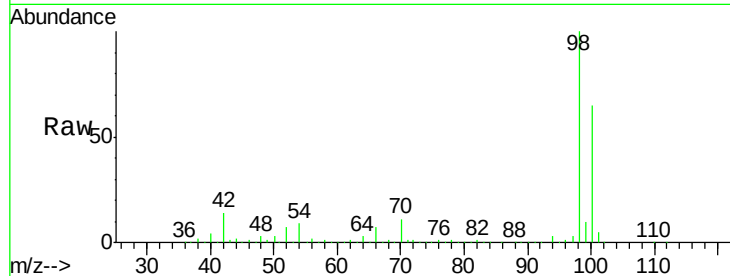
S8A(12)

Tot Ion: 98 Resp: 1034584

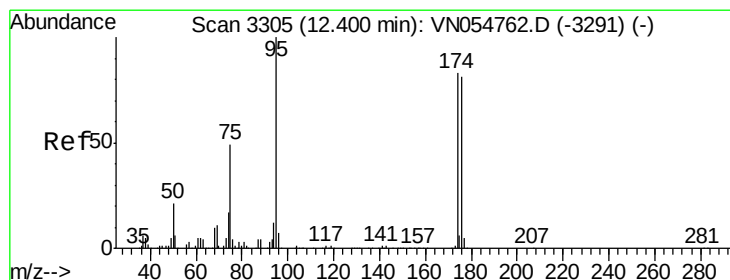
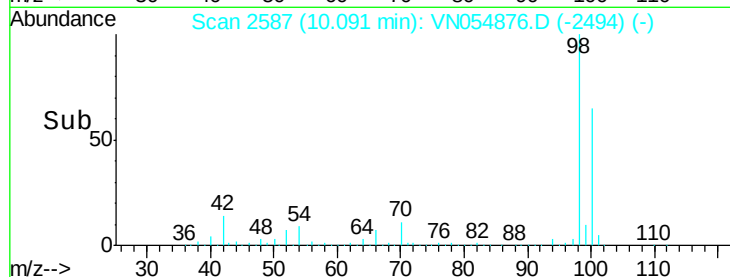
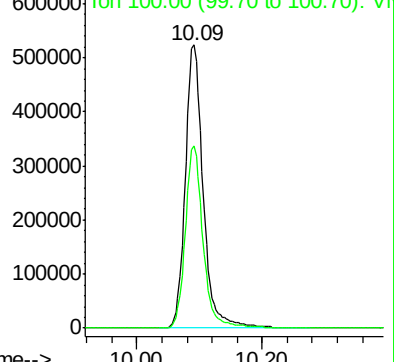
Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054876.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 45.135 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054876.D

Acq: 1 Apr 2019 15:56

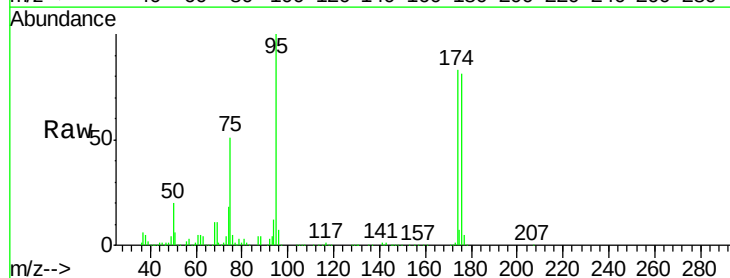
Tgt Ion: 95 Resp: 314143

Ion Ratio Lower Upper

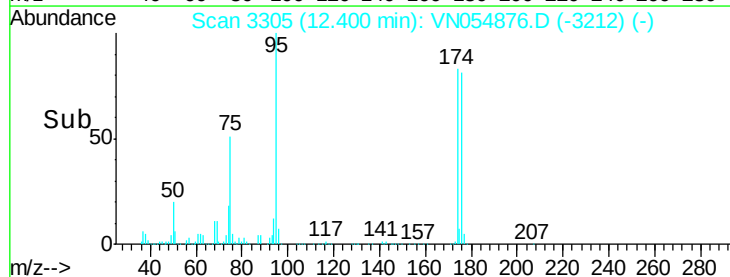
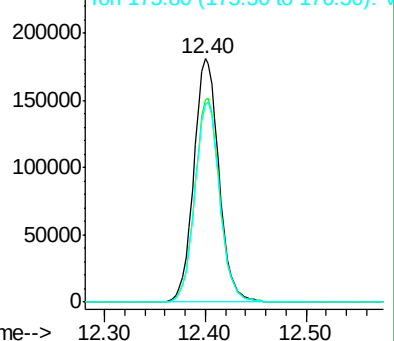
95 100

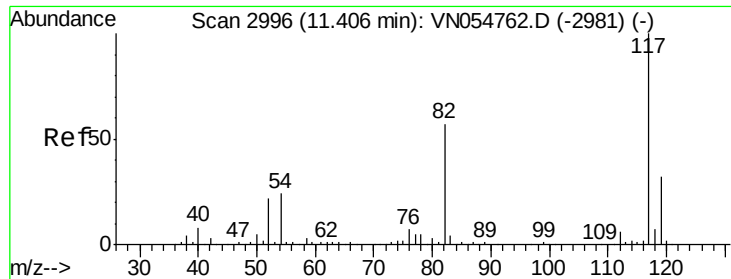
174 83.1 0.0 191.0

176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054876.D (-3212) (-)

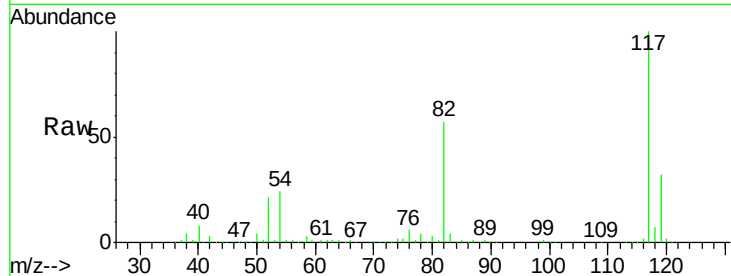




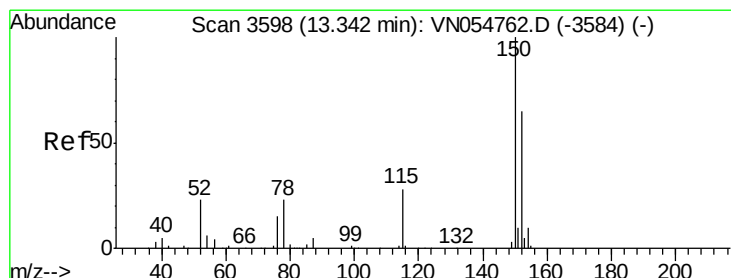
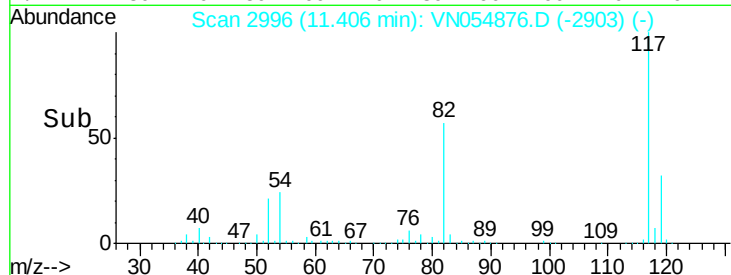
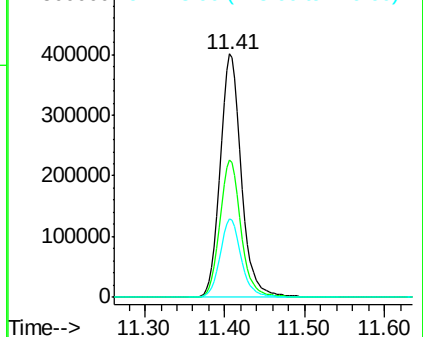
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054876.D
Acq: 1 Apr 2019 15:56

Instrument :
MSVOA_N
ClientSampled :
S8A(12)

Tot Ion:117 Resp: 735371
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 32.0 25.8 38.6

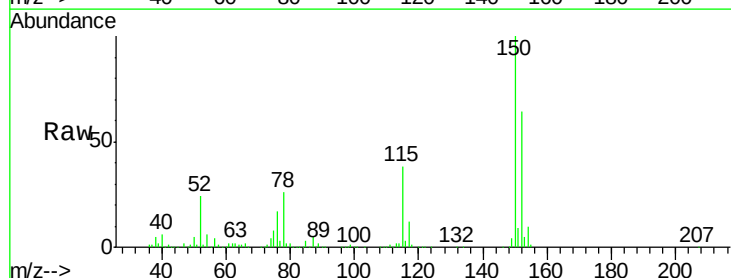


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054876.D
Acq: 1 Apr 2019 15:56

Tgt Ion:152 Resp: 251177
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 156.2 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

