

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055708.D
 Acq On : 21 May 2019 14:41
 Operator : JC/SP
 Sample : K2959-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20661

Quant Time: May 22 05:40:22 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

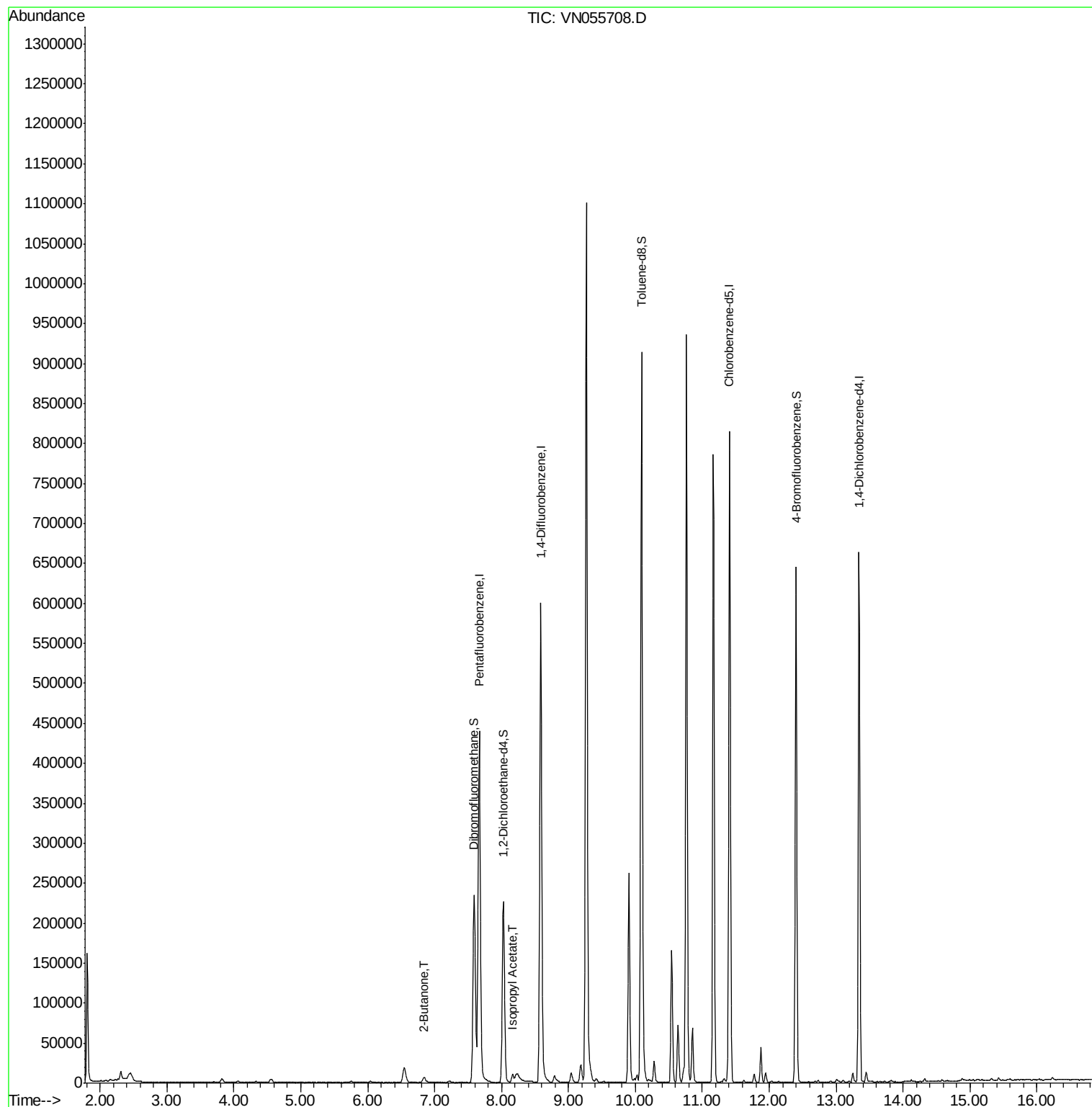
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	423980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193217	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
35) Dibromofluoromethane	7.59	113	180973	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	10.09	98	698355	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	224598	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
Target Compounds						
25) 2-Butanone	6.84	43	14122	5.325	ug/l	91
43) Isopropyl Acetate	8.16	43	13322	1.572	ug/l #	91

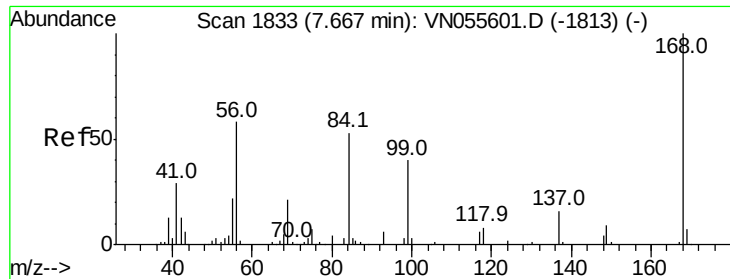
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055708.D

Acq: 21 May 2019 14:41

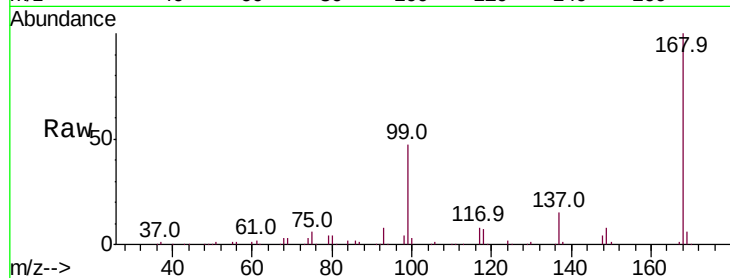
Instrument :
MSVOA_N
ClientSampled :
20661

Tot Ion:168 Resp: 423980

Ion Ratio Lower Upper

168 100

99 46.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.90 (98.60 to 99.60): VN0

7.67

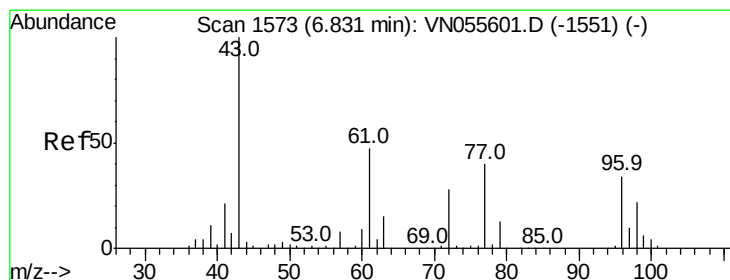
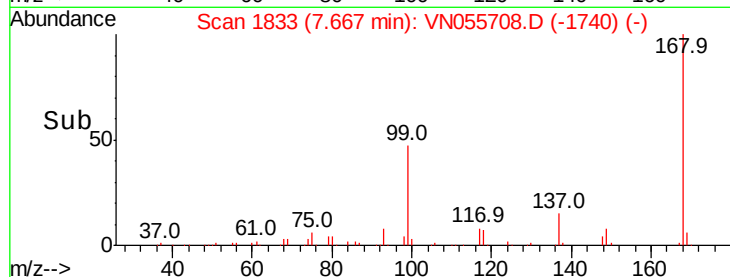
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#25

2-Butanone

Concen: 5.325 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN055708.D

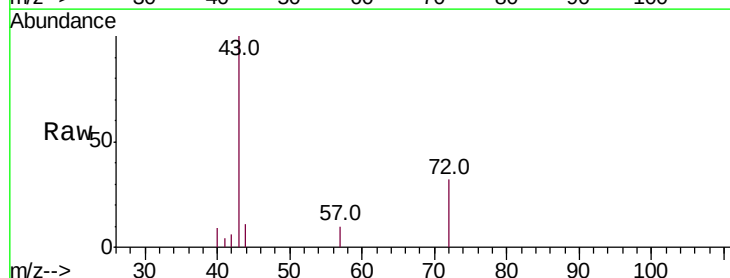
Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 14122

Ion Ratio Lower Upper

43 100

72 32.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

5000 Ion 72.00 (71.70 to 72.70): VN0

6.84

4000

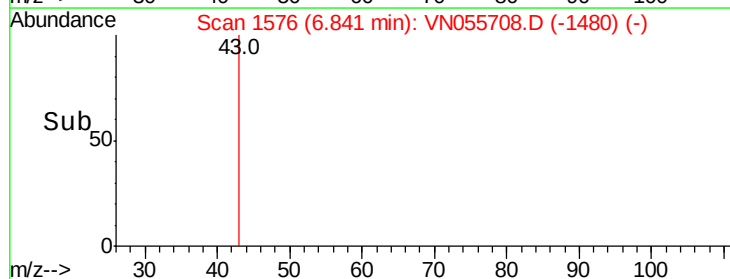
3000

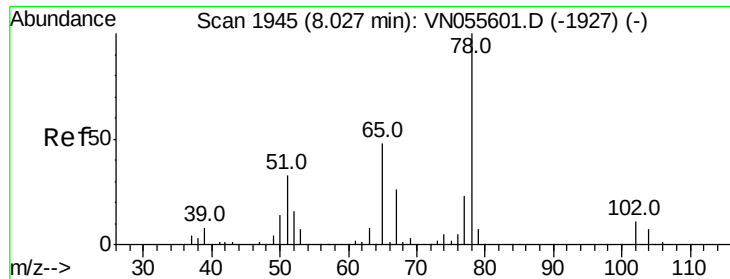
2000

1000

0

Time--> 6.75 6.80 6.85 6.90 6.95

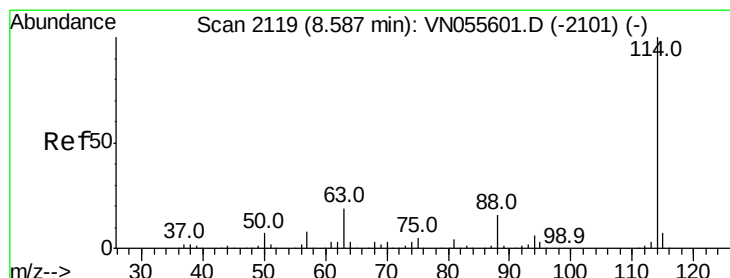
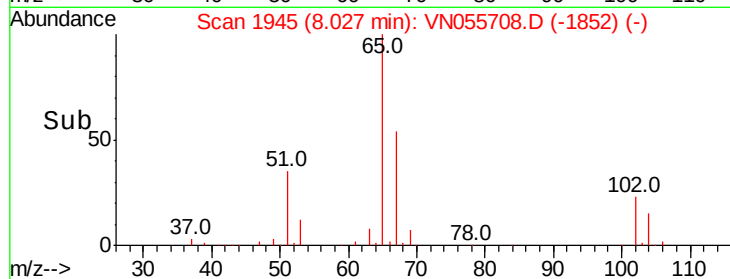
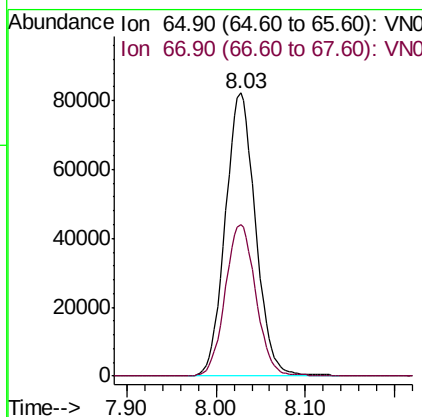
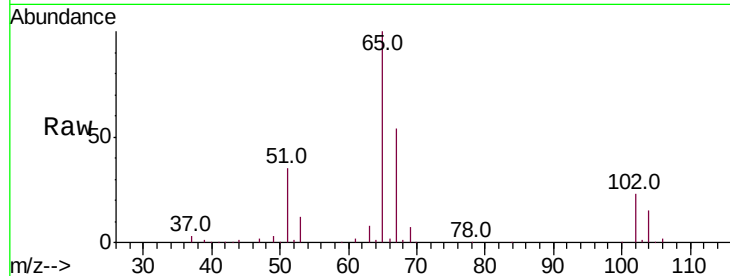




#33
 1,2-Dichloroethane-d4
 Concen: 41.573 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

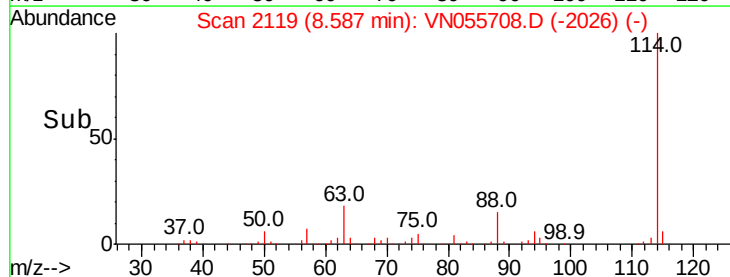
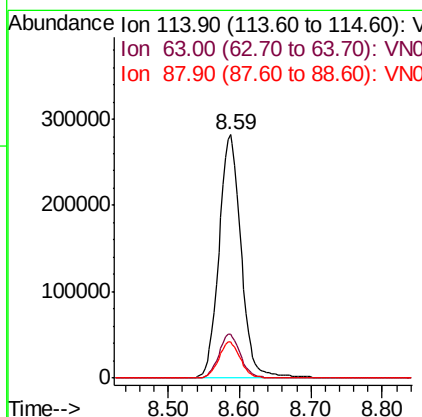
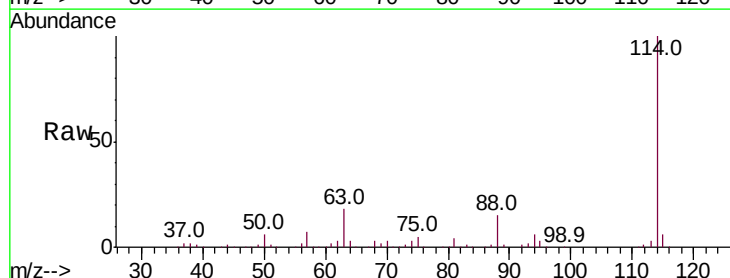
Instrument :
 MSVOA_N
 ClientSampled :
 20661

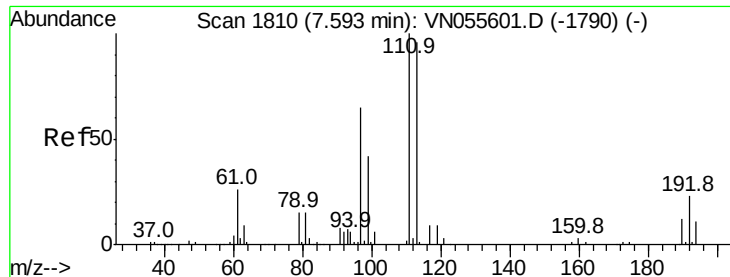
Tot Ion: 65 Resp: 193217
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

Tgt Ion: 114 Resp: 605419
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.056 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

20661

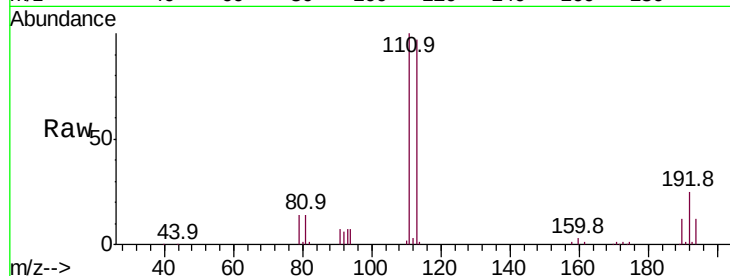
Tot Ion:113 Resp: 180973

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

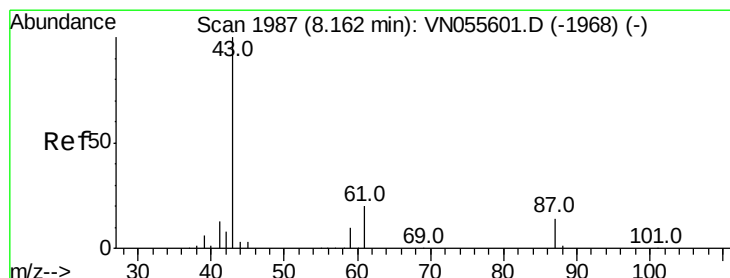
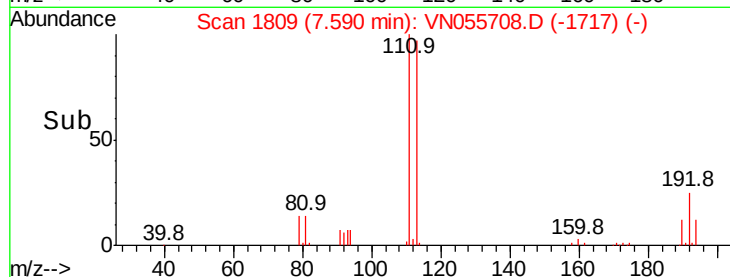
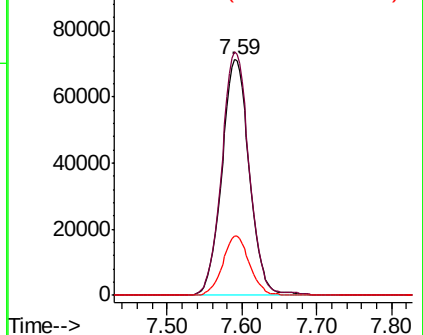
192 24.5 18.7 28.1



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: 1.572 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

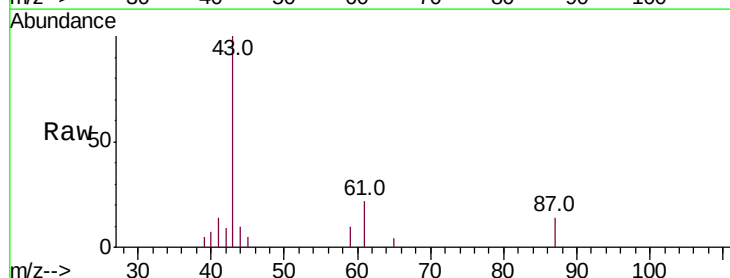
Tgt Ion: 43 Resp: 13322

Ion Ratio Lower Upper

43 100

61 21.6 22.1 33.1#

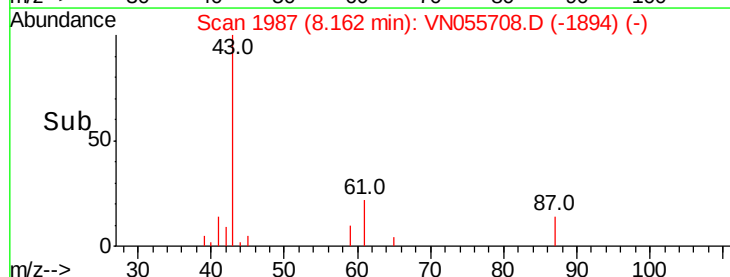
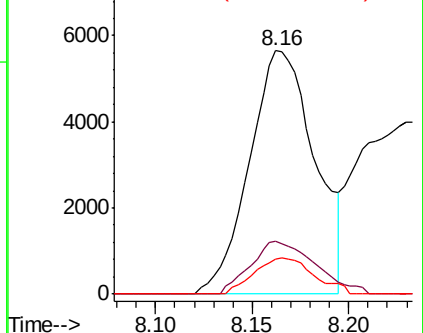
87 13.5 11.8 17.6

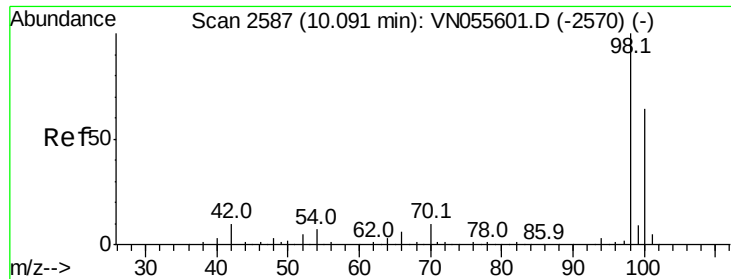


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.024 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

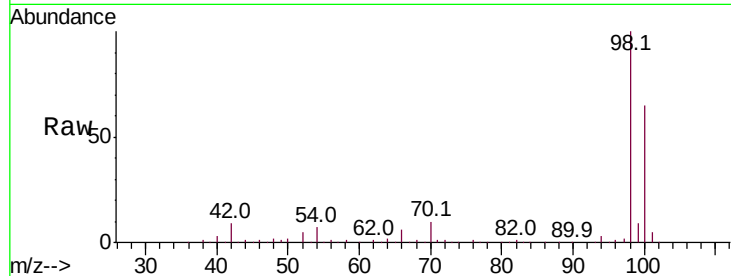
20661

Tot Ion: 98 Resp: 698355

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

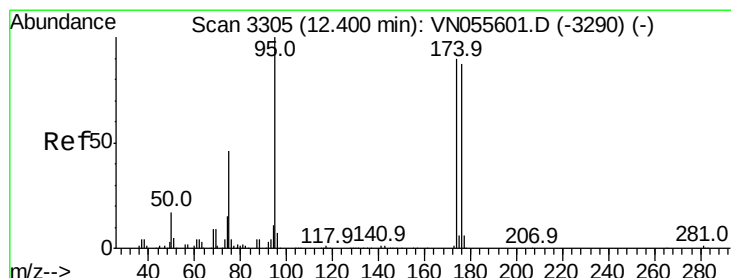
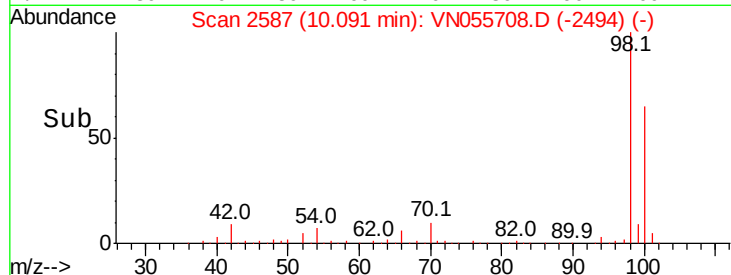
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.727 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

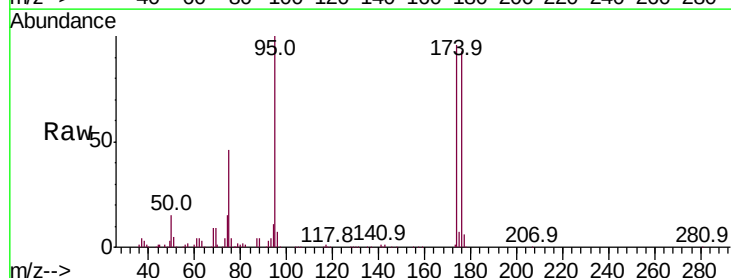
Tgt Ion: 95 Resp: 224598

Ion Ratio Lower Upper

95 100

174 95.2 0.0 180.6

176 92.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

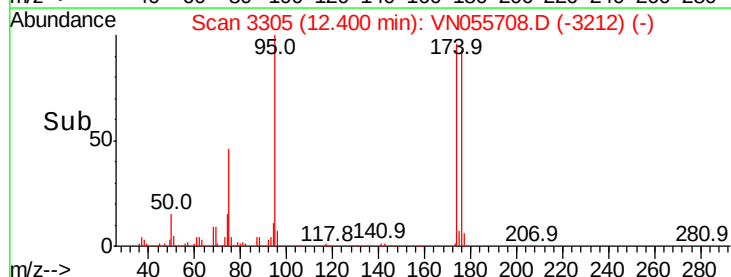
150000

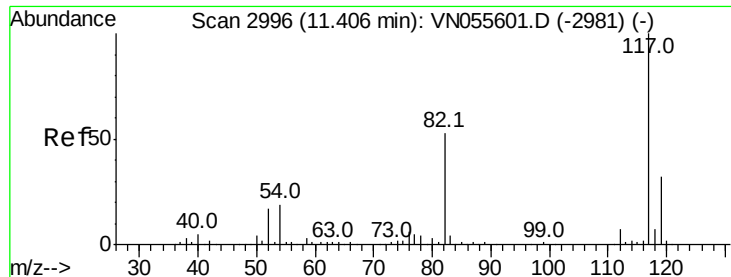
100000

50000

0

Time-->

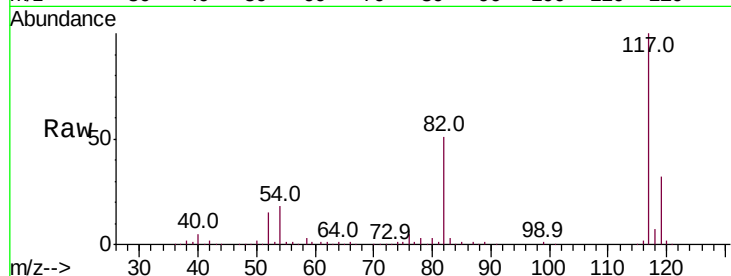




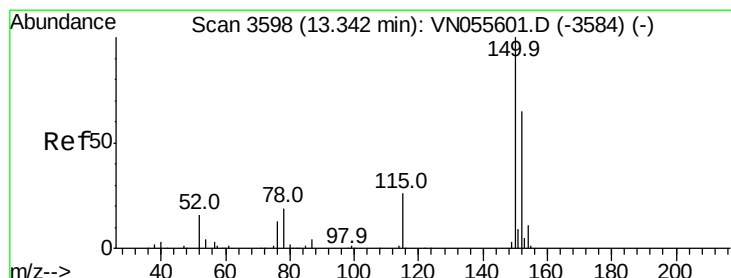
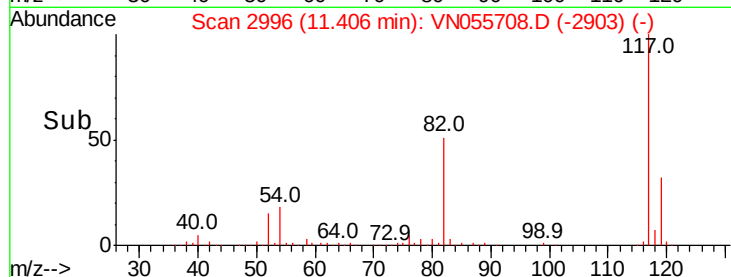
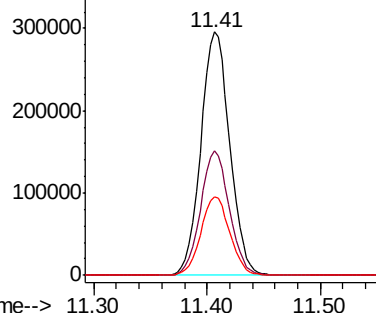
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

Instrument :
MSVOA_N
ClientSampled :
20661

Tot Ion:117 Resp: 524739
Ion Ratio Lower Upper
117 100
82 50.9 42.3 63.5
119 32.3 25.4 38.2

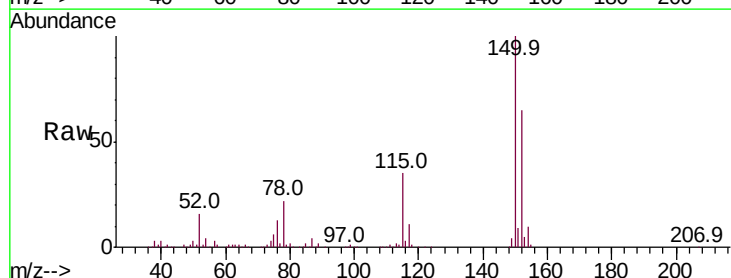


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

Tgt Ion:152 Resp: 195221
Ion Ratio Lower Upper
152 100
115 54.0 28.1 84.2
150 155.5 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

