

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053204.D
 Acq On : 27 Dec 2018 11:30
 Operator : MD\SY
 Sample : J6571-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30061

Quant Time: Dec 28 01:15:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

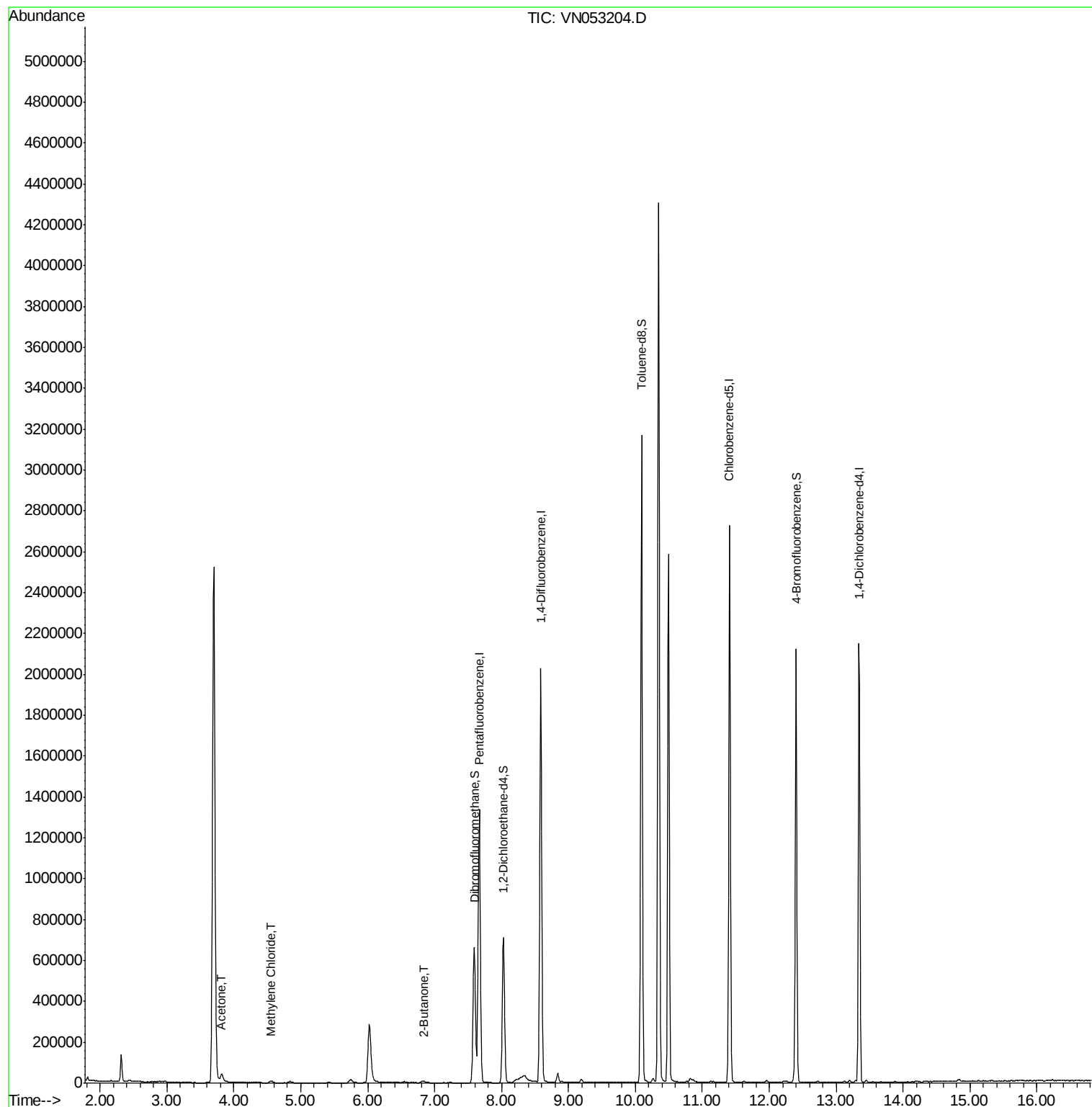
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1193292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1832570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1614934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	587147	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	517172	61.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.56%	
50) Toluene-d8	10.09	98	2237397	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	722541	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds						
16) Acetone	3.82	43	58823	24.775	ug/l #	72
20) Methylene Chloride	4.55	84	6894	0.532	ug/l	93
25) 2-Butanone	6.85	43	4198	1.054	ug/l #	89

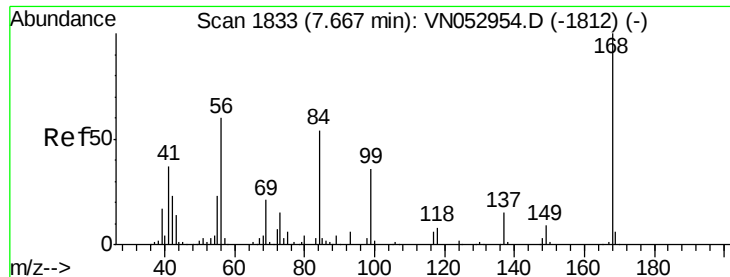
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053204.D

Acq: 27 Dec 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

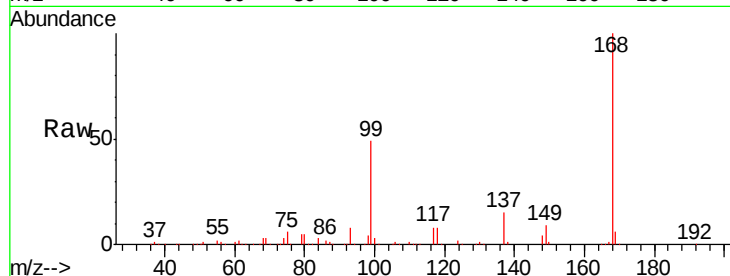
30061

Tgt Ion:168 Resp: 1193292

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

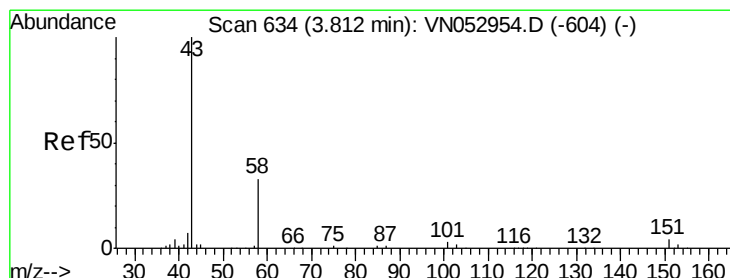
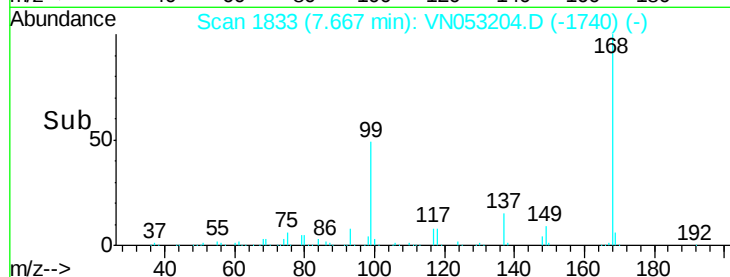
100000

0

7.67

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 24.775 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053204.D

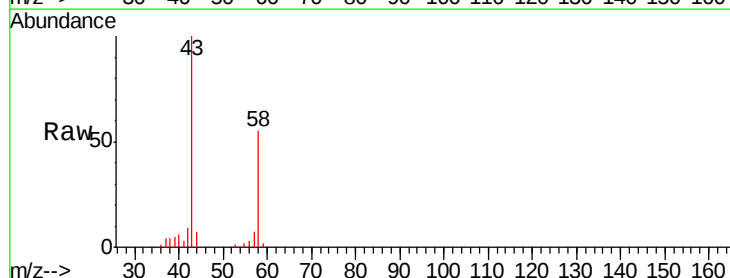
Acq: 27 Dec 2018 11:30

Tgt Ion: 43 Resp: 58823

Ion Ratio Lower Upper

43 100

58 47.1 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1500000

1000000

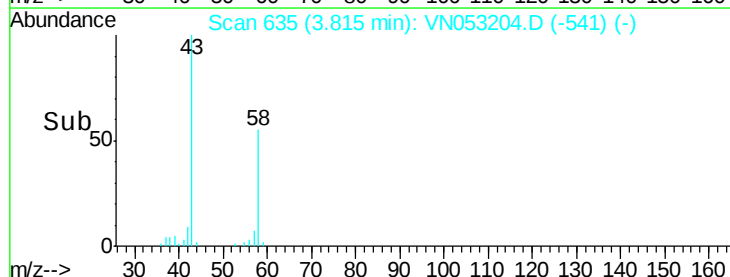
500000

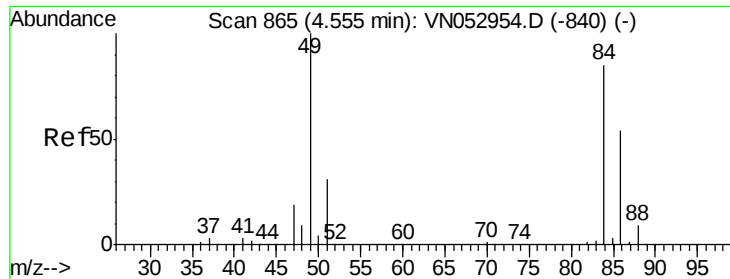
0

3.82

3.70 3.80 3.90

Time-->

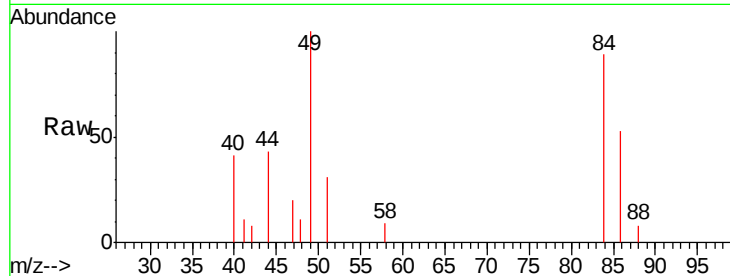




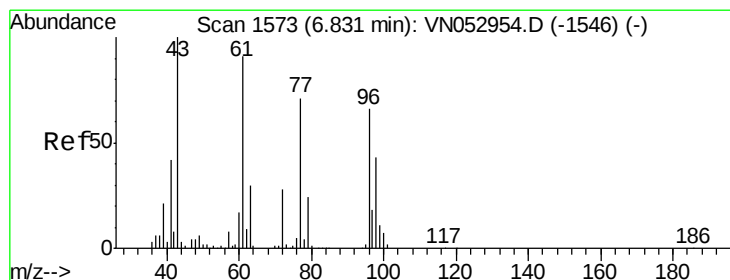
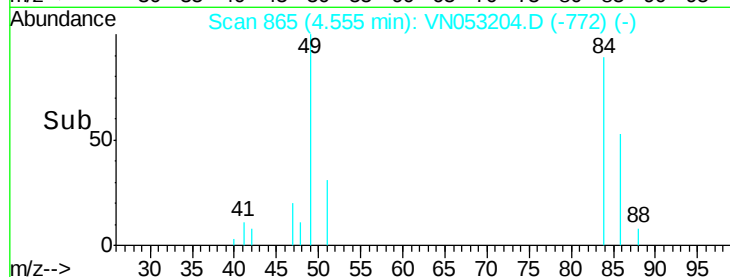
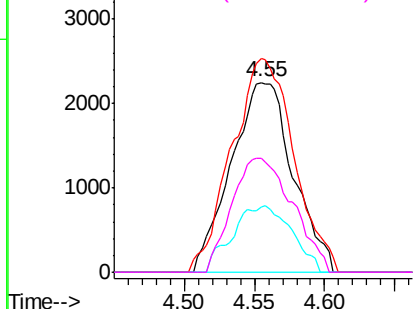
#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053204.D
Acq: 27 Dec 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
30061

Tgt Ion: 84 Resp: 6894
Ion Ratio Lower Upper
84 100
49 112.6 96.8 145.2
51 34.5 29.9 44.9
86 59.9 51.8 77.6

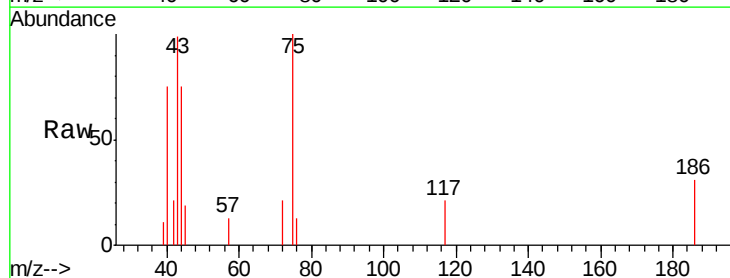


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

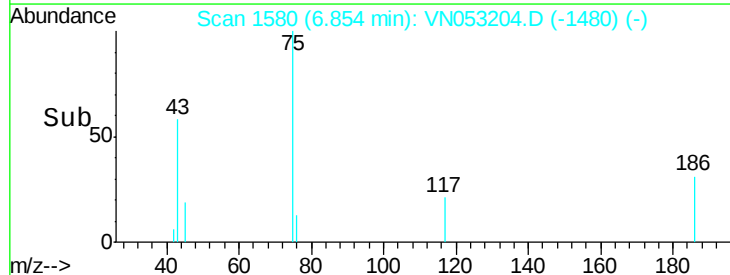
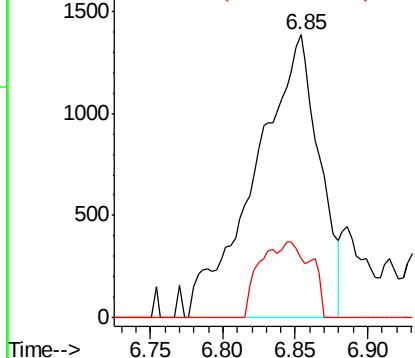


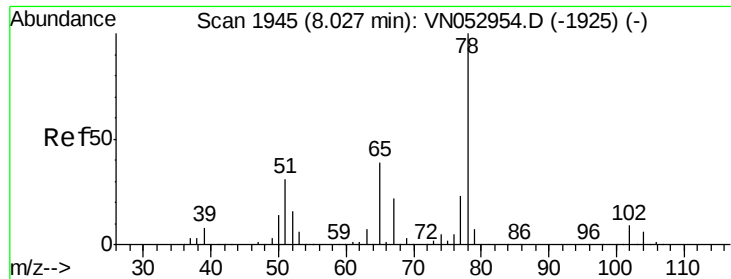
#25
2-Butanone
Concen: 1.054 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053204.D
Acq: 27 Dec 2018 11:30

Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
72 20.8 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053204.D

Acq: 27 Dec 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

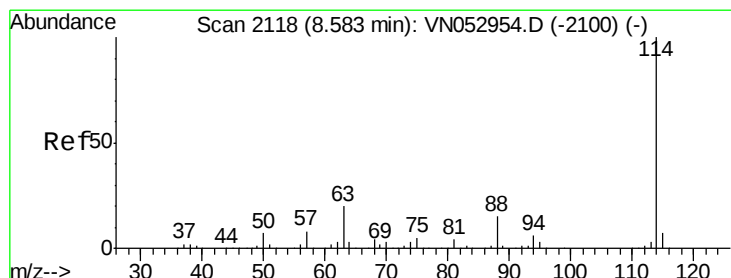
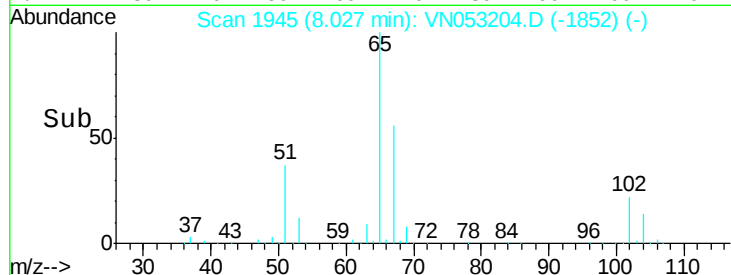
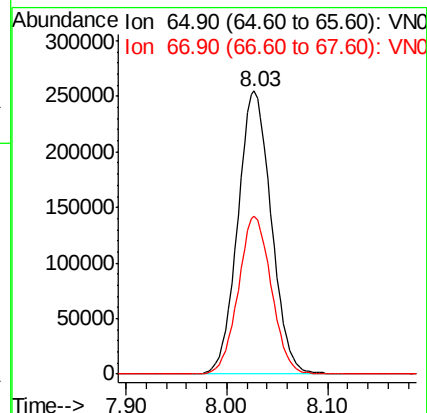
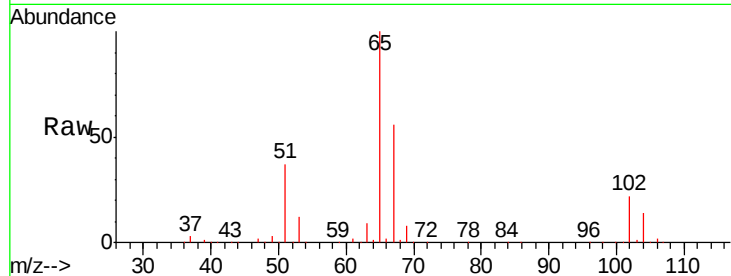
30061

Tgt Ion: 65 Resp: 587147

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053204.D

Acq: 27 Dec 2018 11:30

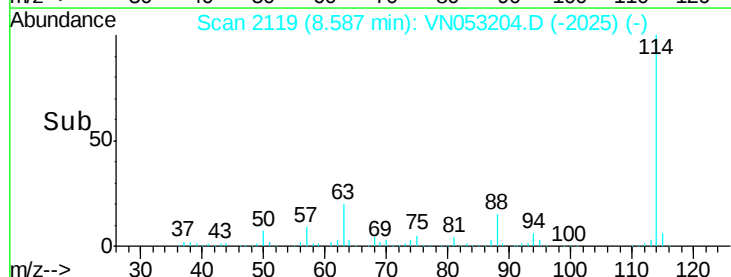
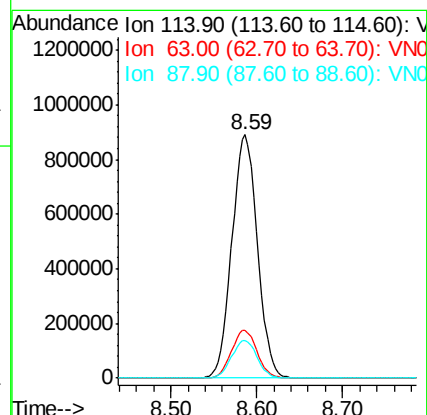
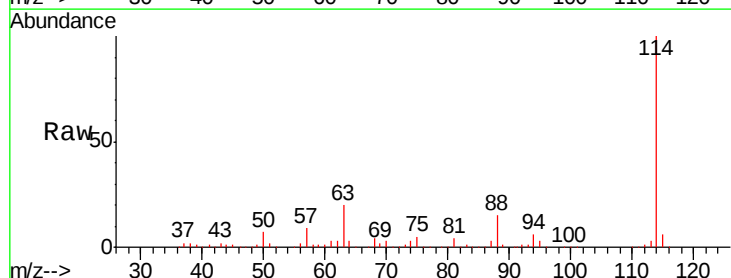
Tgt Ion: 114 Resp: 1832570

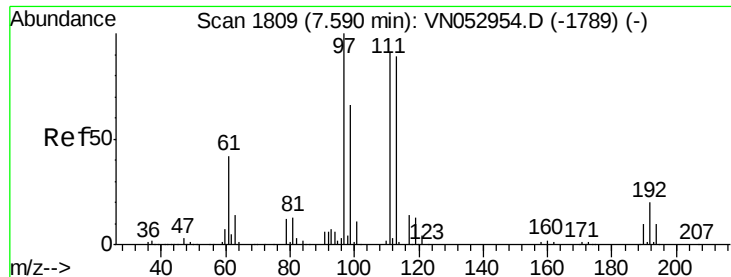
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

88 15.4 0.0 31.0

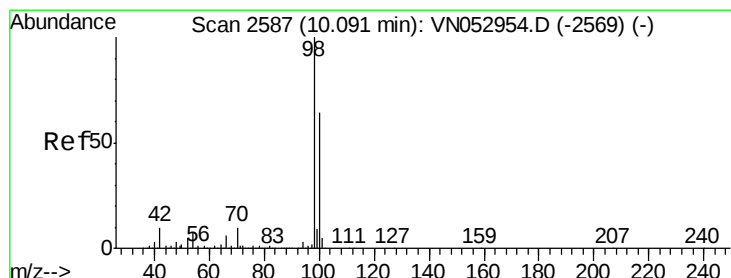
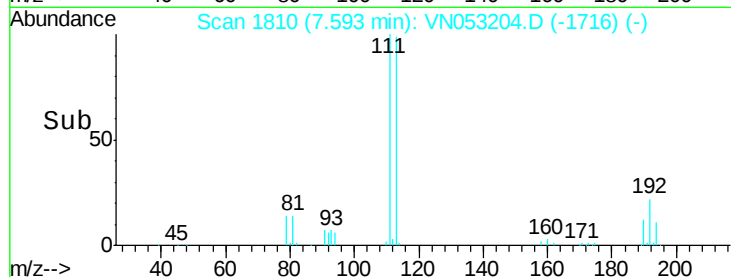
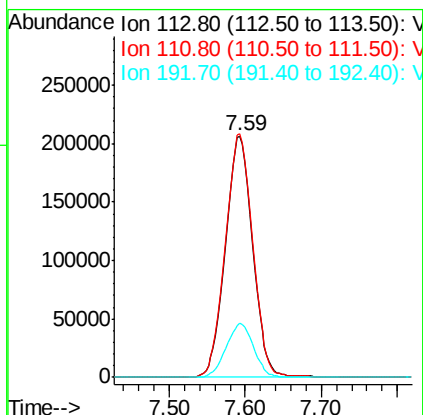
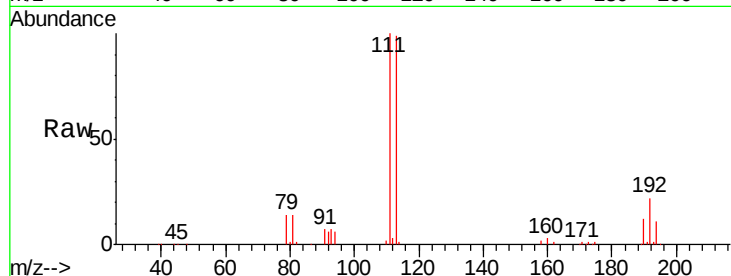




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053204.D
Acq: 27 Dec 2018 11:30

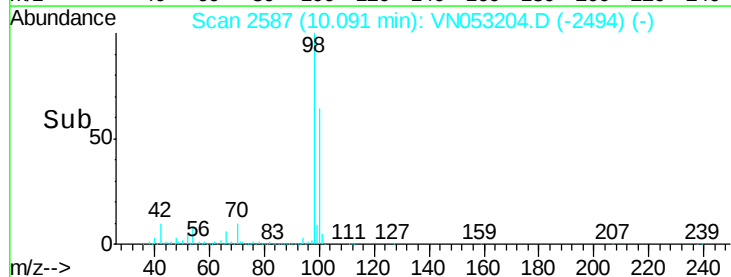
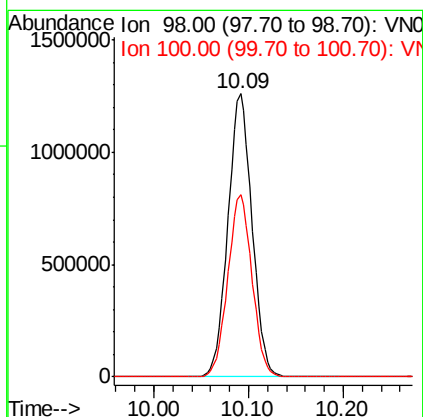
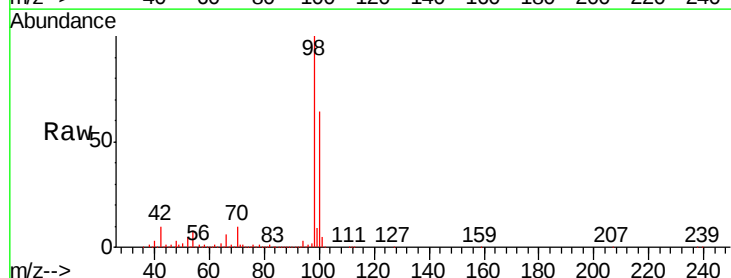
Instrument :
MSVOA_N
ClientSampled :
30061

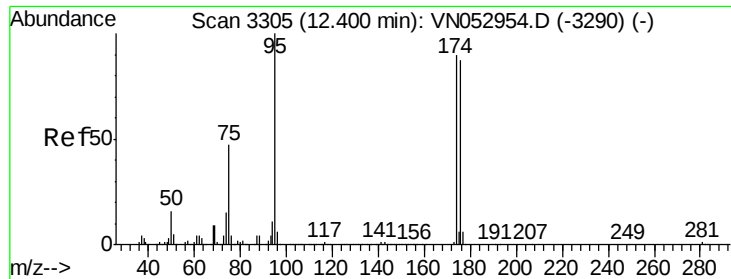
Tgt Ion:113 Resp: 517172
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 22.4 17.5 26.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053204.D
Acq: 27 Dec 2018 11:30

Tgt Ion: 98 Resp: 2237397
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053204.D

Acq: 27 Dec 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

30061

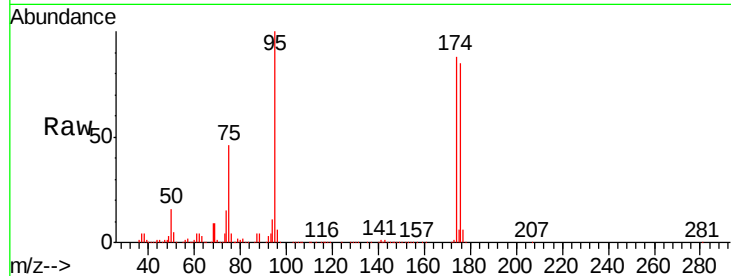
Tgt Ion: 95 Resp: 722541

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.8

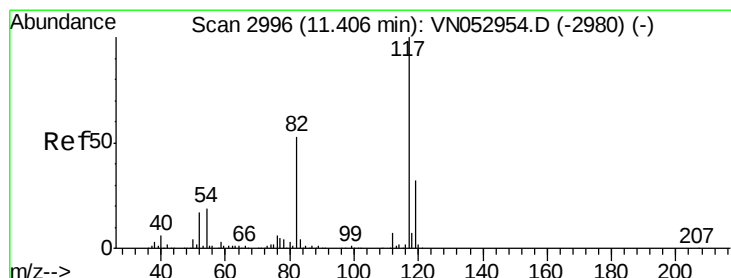
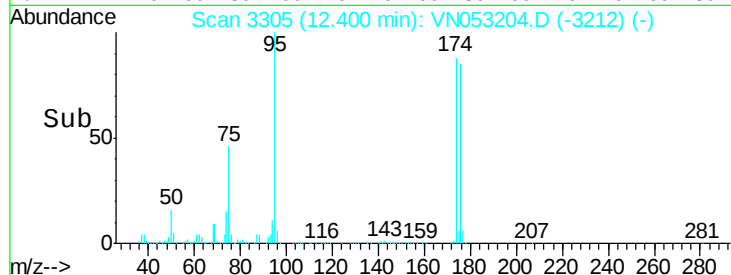
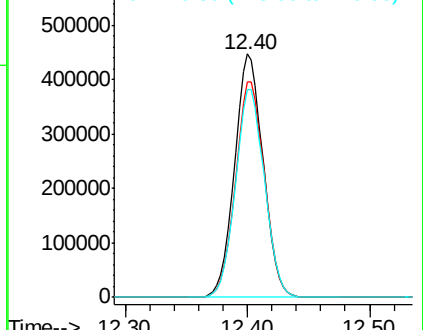
176 86.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053204.D

Acq: 27 Dec 2018 11:30

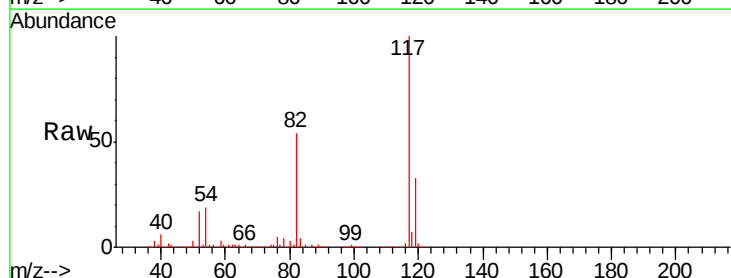
Tgt Ion: 117 Resp: 1614934

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

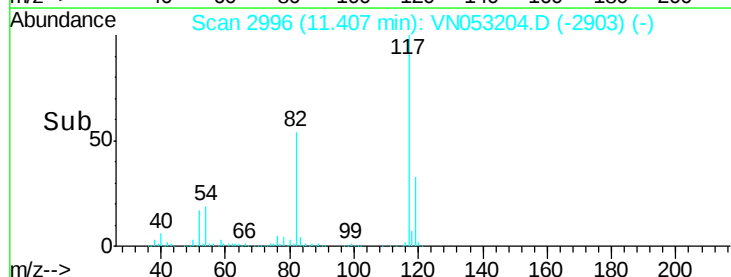
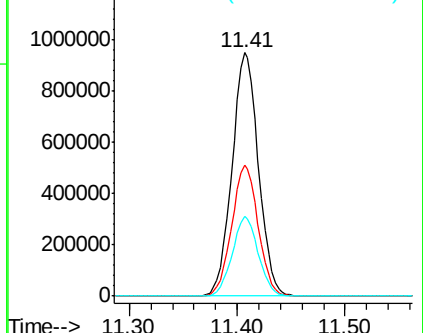
119 32.5 25.5 38.3

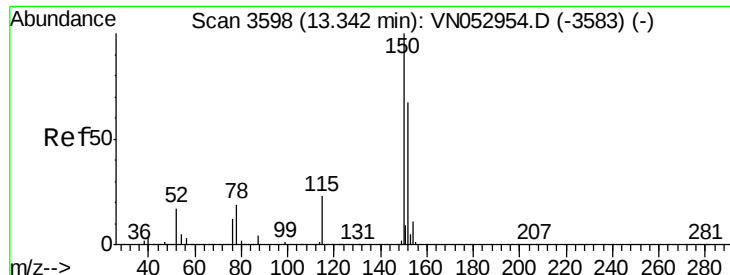


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053204.D

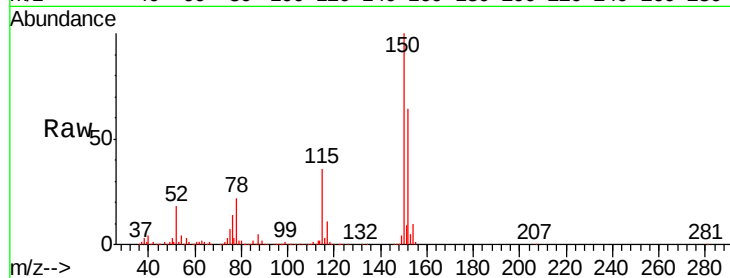
Acq: 27 Dec 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

30061



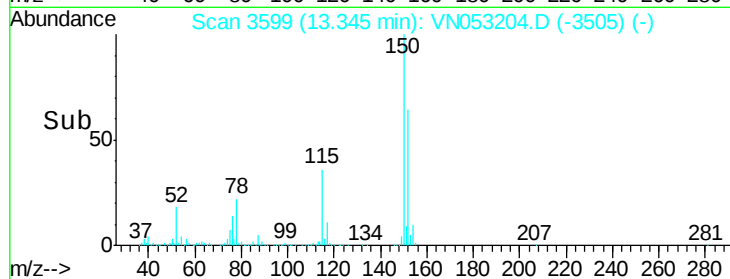
Tgt Ion:152 Resp: 615519

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

150 155.3 0.0 347.8



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

