

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054805.D
 Acq On : 30 Mar 2019 16:25
 Operator : JC/SP
 Sample : K2181-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Mar 30 23:23:58 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

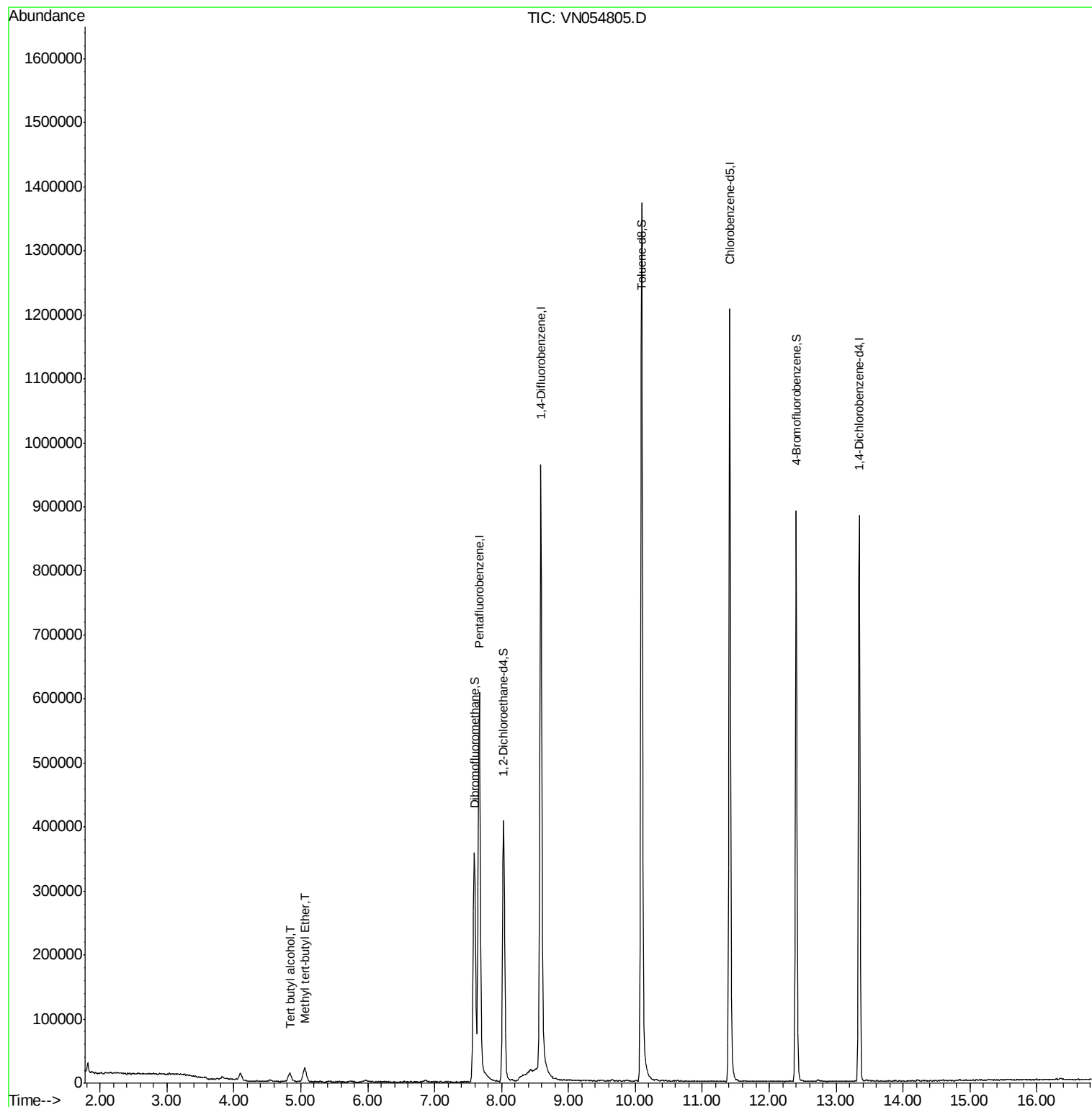
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	517297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349641	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	273010	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.09	98	1008160	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.40	95	296456	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
11) Tert butyl alcohol	4.84	59	22796	62.743	ug/l #	79
19) Methyl tert-butyl Ether	5.06	73	33062	2.324	ug/l	97

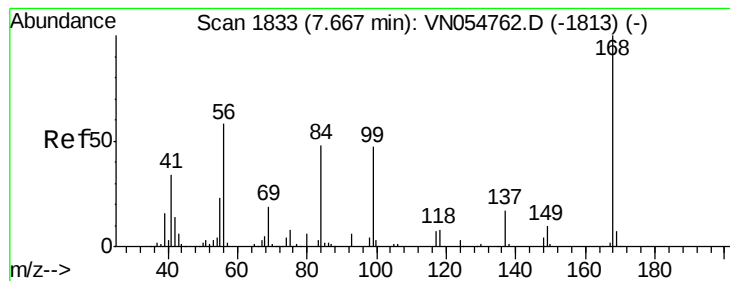
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054805.D

Acq: 30 Mar 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

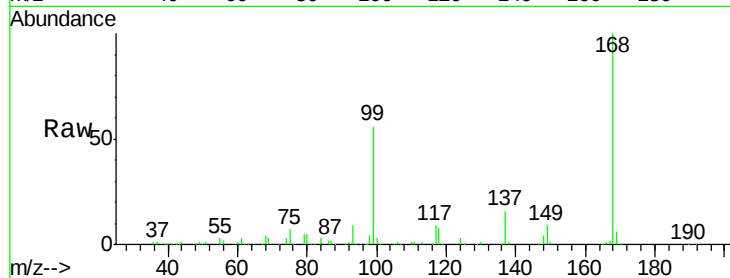
MW-4

Tot Ion:168 Resp: 517297

Ion Ratio Lower Upper

168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

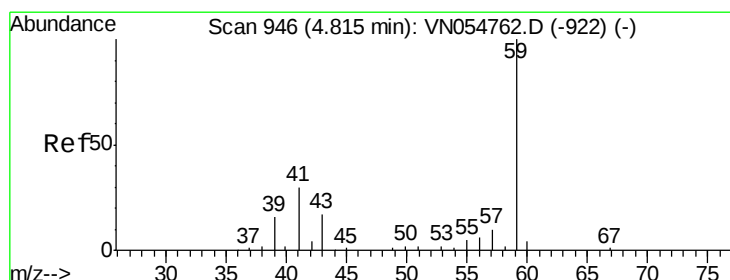
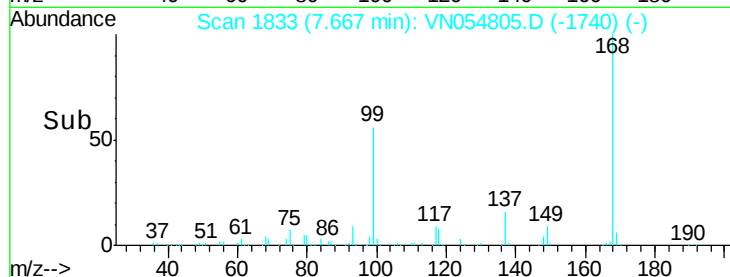
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 62.743 ug/l

RT: 4.84 min Scan# 953

Delta R.T. 0.02 min

Lab File: VN054805.D

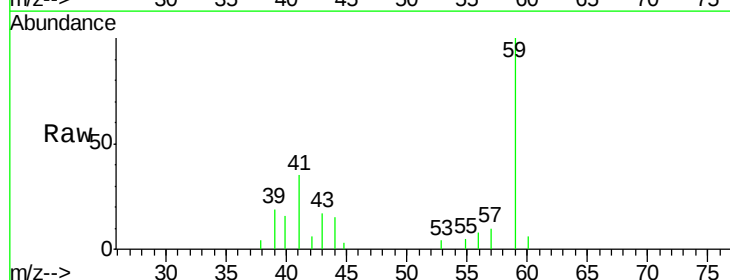
Acq: 30 Mar 2019 16:25

Tgt Ion: 59 Resp: 22796

Ion Ratio Lower Upper

59 100

57 3.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN054762.D (-922) (-)

Ion 57.00 (56.70 to 57.70): VN054762.D (-922) (-)

4.84

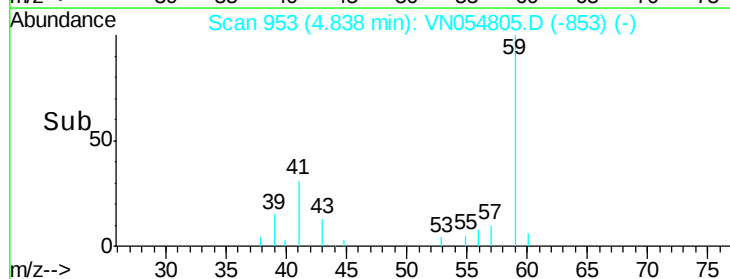
6000

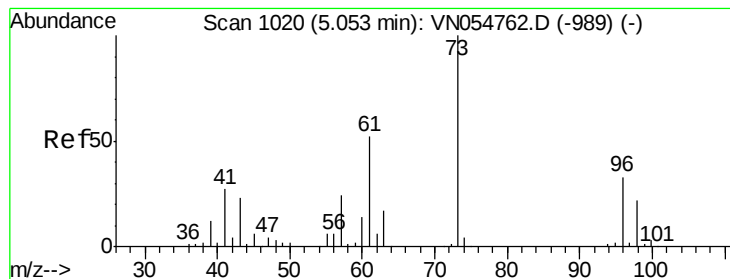
4000

2000

0

Time-->



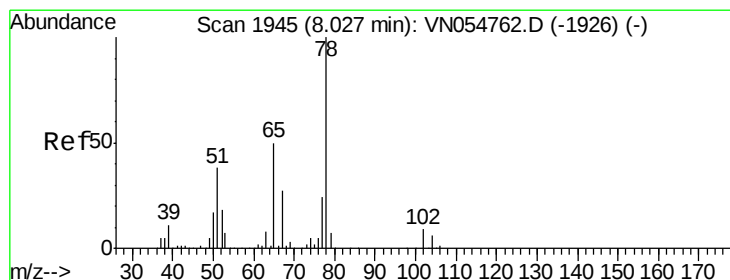
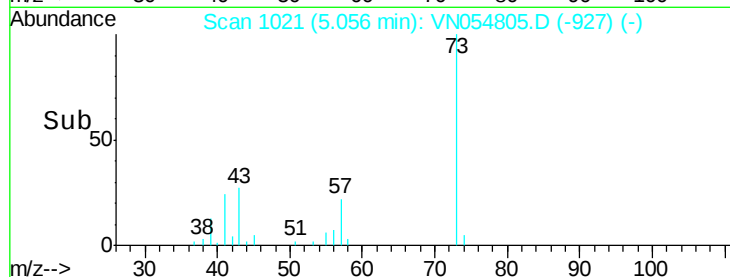
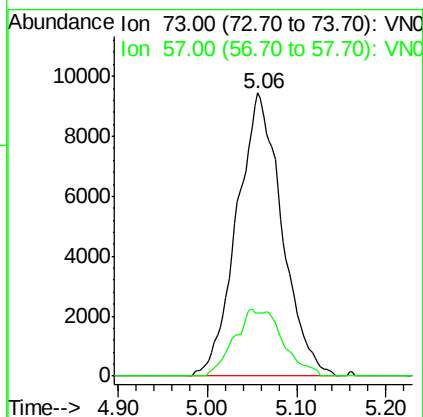
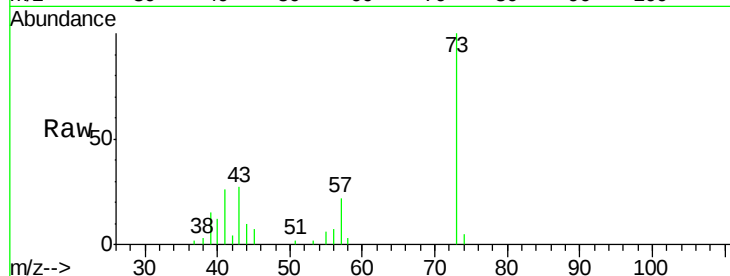


#19

Methvl tert-butvl Ether
 Concen: 2.324 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN054805.D
 Acq: 30 Mar 2019 16:25

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

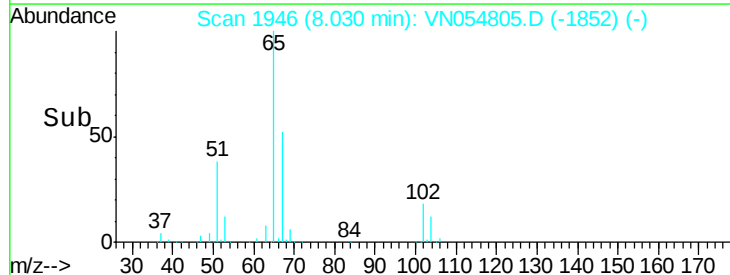
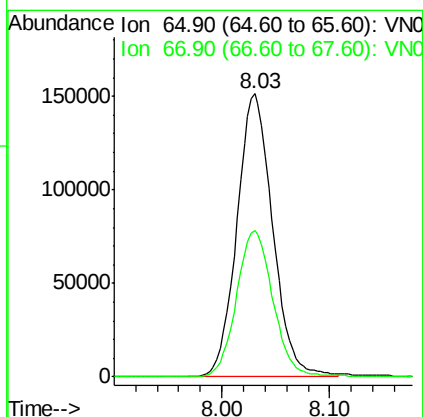
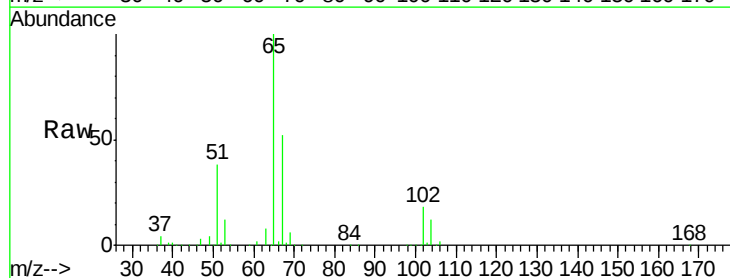
Tot Ion: 73 Resp: 33062
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.8 25.2

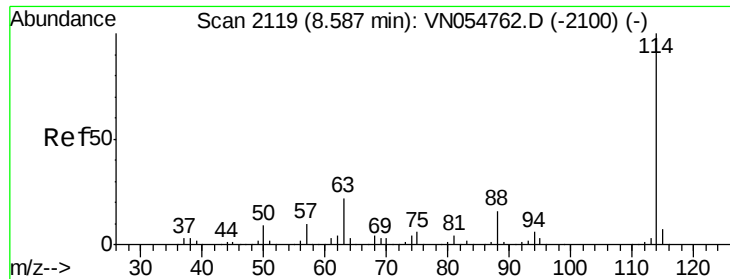


#33

1,2-Dichloroethane-d4
 Concen: 50.140 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054805.D
 Acq: 30 Mar 2019 16:25

Tgt Ion: 65 Resp: 349641
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6

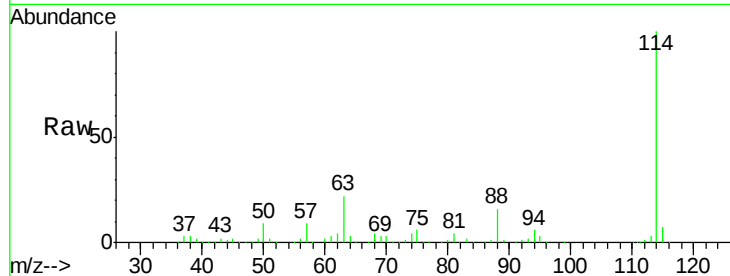




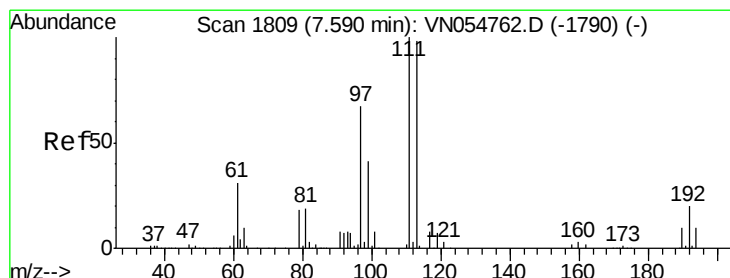
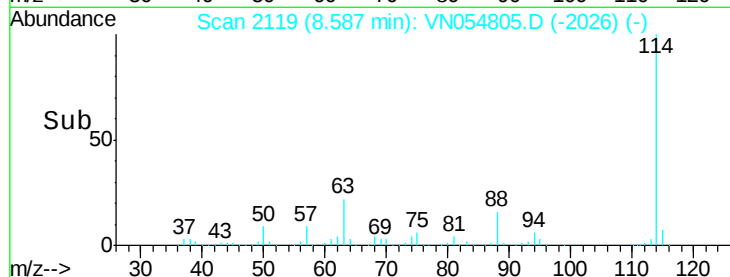
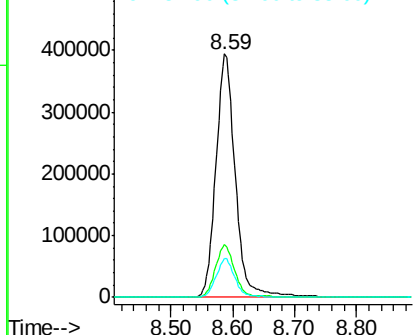
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054805.D
 Acq: 30 Mar 2019 16:25

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

Tot Ion:114 Resp: 862520
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.2
 88 15.9 0.0 30.2

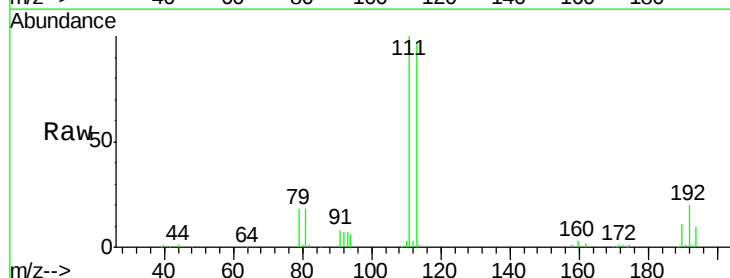


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

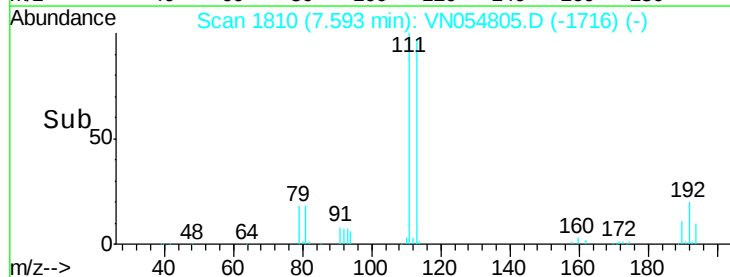
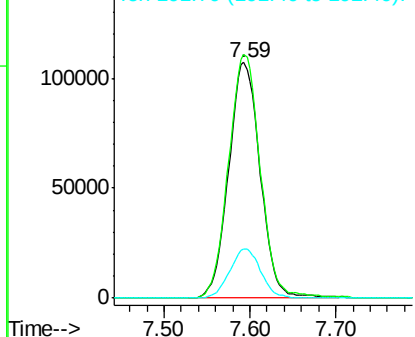


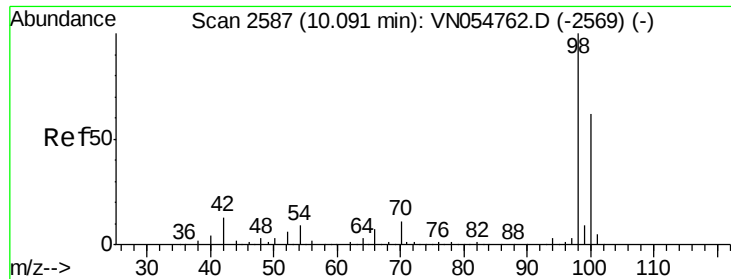
#35
 Dibromofluoromethane
 Concen: 47.477 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054805.D
 Acq: 30 Mar 2019 16:25

Tgt Ion:113 Resp: 273010
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 20.5 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





#50

Toluene-d8

Concen: 47.158 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054805.D

Acq: 30 Mar 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

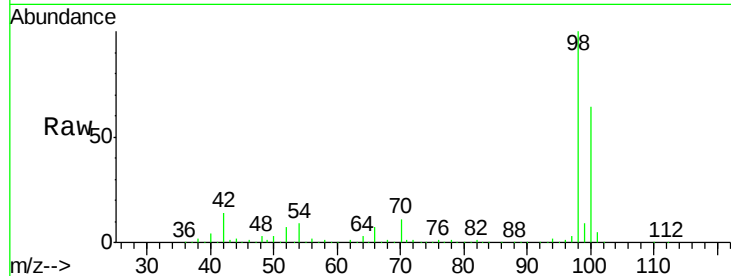
MW-4

Tot Ion: 98 Resp: 1008160

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

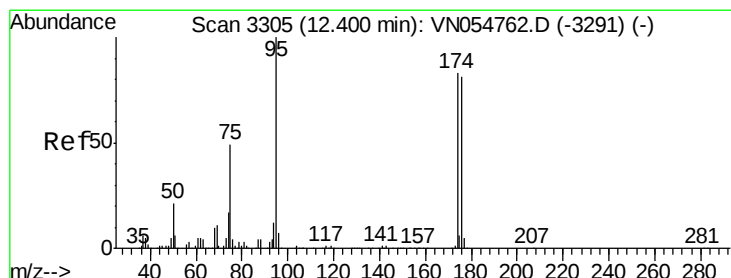
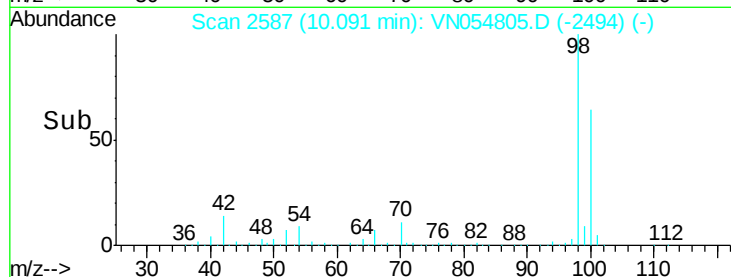
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.696 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054805.D

Acq: 30 Mar 2019 16:25

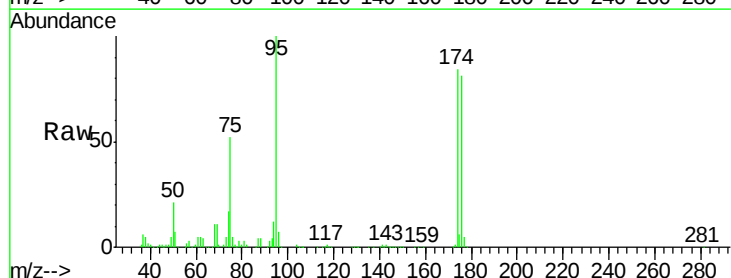
Tgt Ion: 95 Resp: 296456

Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

176 80.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

200000

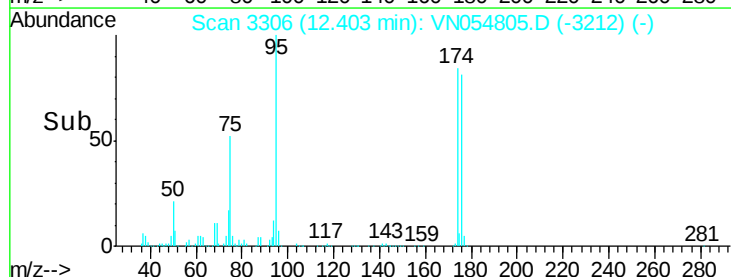
150000

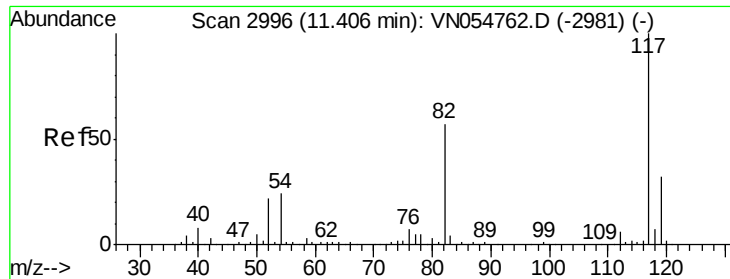
100000

50000

0

Time-->

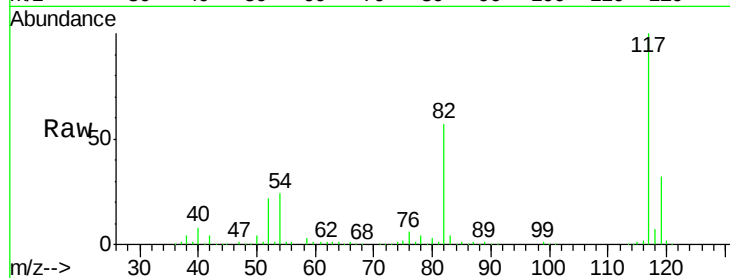




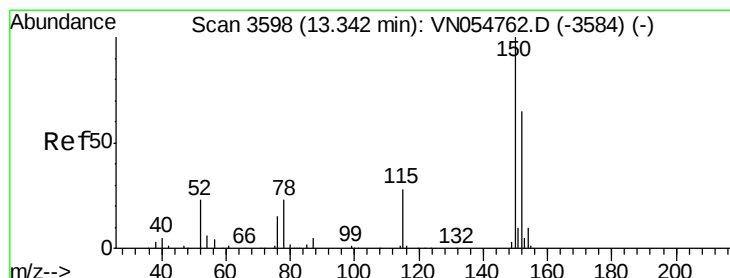
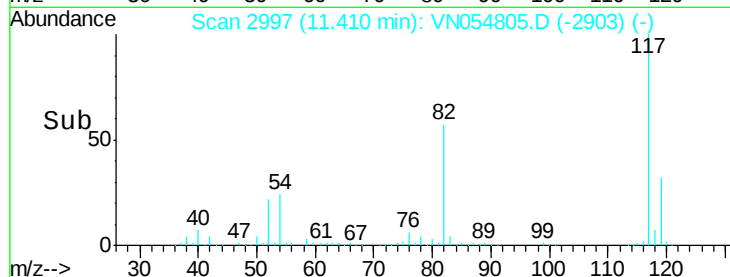
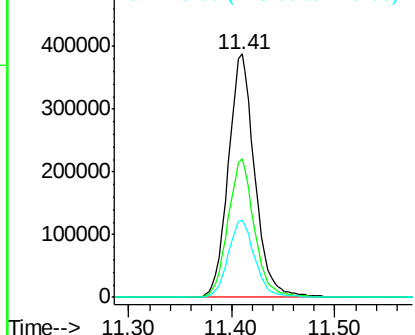
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054805.D
Acq: 30 Mar 2019 16:25

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:117 Resp: 692457
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 31.6 25.8 38.6

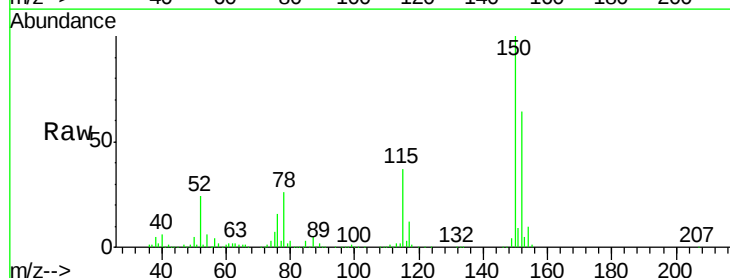


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054805.D
Acq: 30 Mar 2019 16:25

Tgt Ion:152 Resp: 239023
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 155.9 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

