

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059336.D
 Acq On : 21 Nov 2019 15:28
 Operator : JC/SP
 Sample : K5957-07
 Misc : 3.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(12-14)

Quant Time: Nov 22 06:33:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

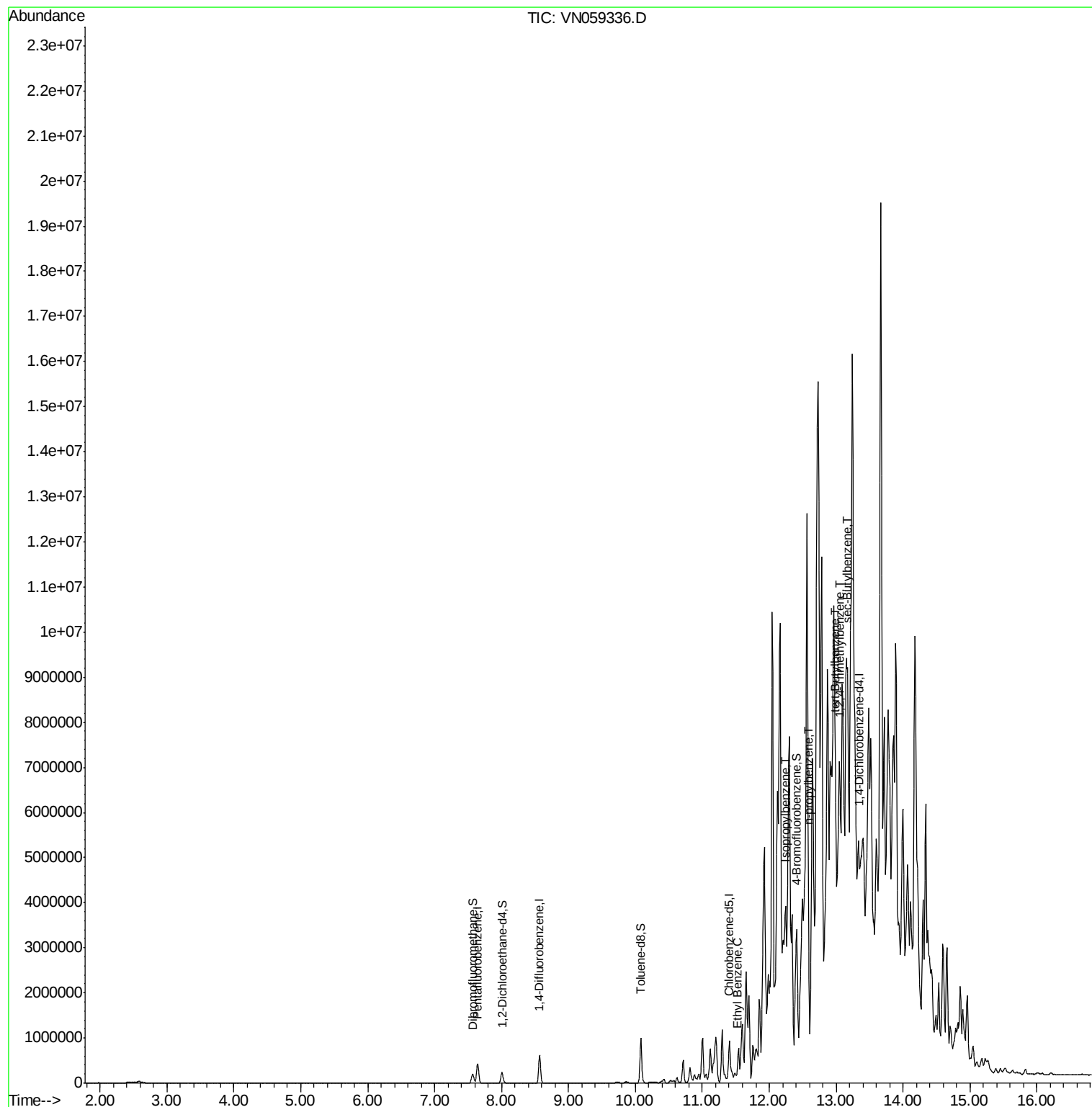
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	360873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	554057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	205657	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	7.57	113	162763	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.08	98	673358	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	395259	85.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.08%	
Target Compounds						
67) Ethyl Benzene	11.51	91	34720	1.845	ug/l	99
73) Isopropylbenzene	12.25	105	121762	4.692	ug/l	99
78) n-propylbenzene	12.59	91	306250	10.419	ug/l	95
83) tert-Butylbenzene	13.00	119	191792	10.410	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	377042	17.645	ug/l	99
85) sec-Butylbenzene	13.17	105	683480	27.602	ug/l #	72

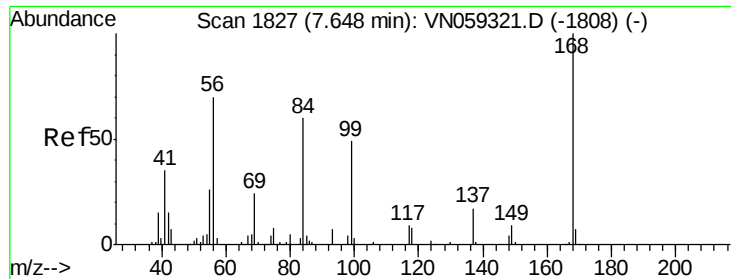
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-4-(12-14)

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

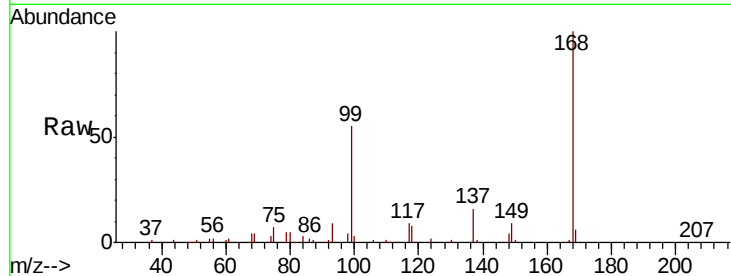
MW-4-(12-14)

Tot Ion:168 Resp: 360873

Ion Ratio Lower Upper

168 100

99 54.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059336.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059336.D (-1734) (-)

7.64

150000

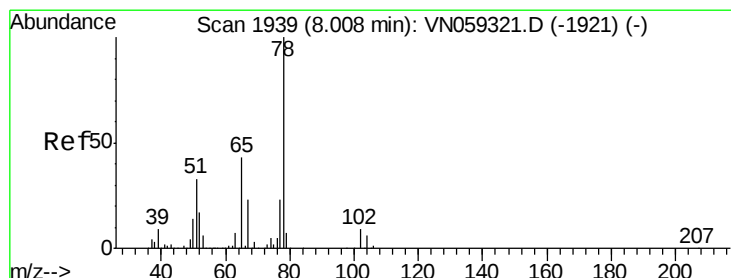
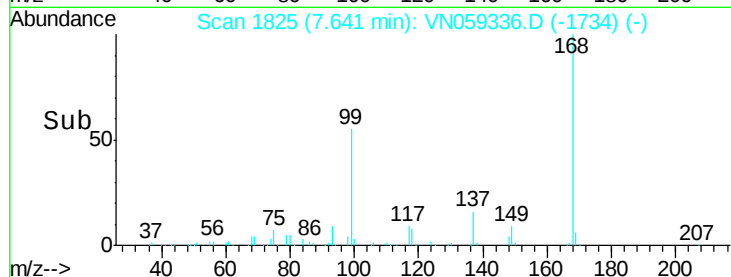
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.497 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059336.D

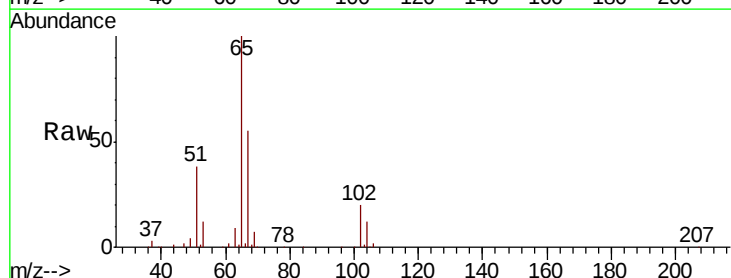
Acq: 21 Nov 2019 15:28

Tgt Ion: 65 Resp: 205657

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059336.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059336.D (-1846) (-)

8.00

100000

80000

60000

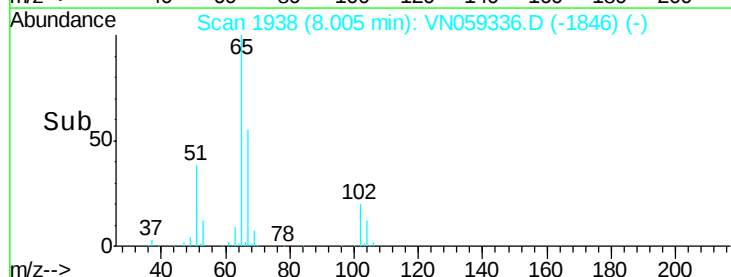
40000

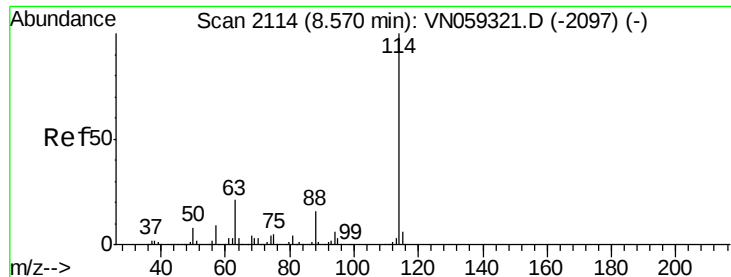
20000

0

7.90 8.00 8.10

Time-->

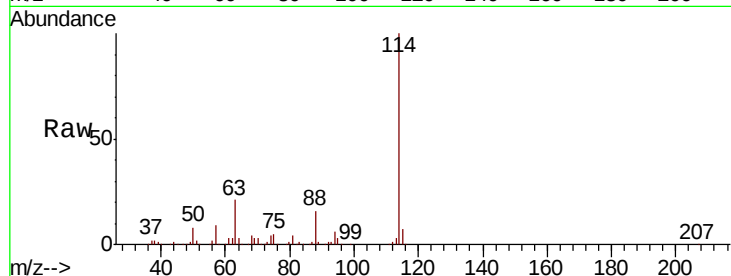




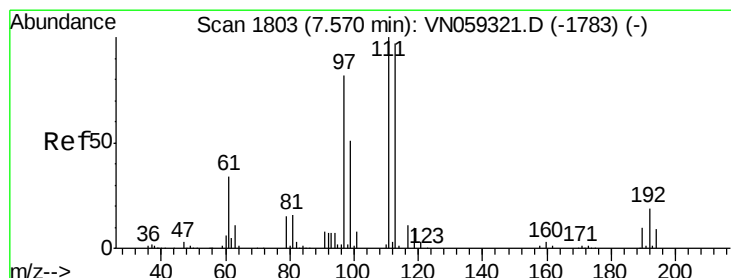
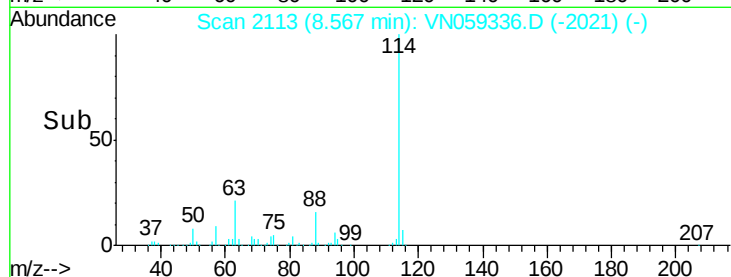
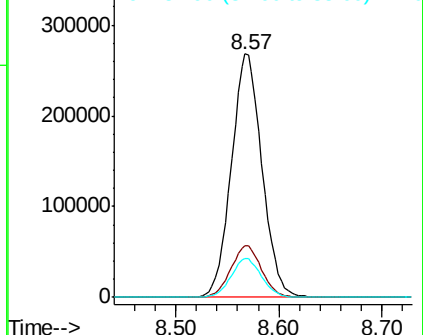
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059336.D
Acq: 21 Nov 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(12-14)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	16.0	0.0	32.2

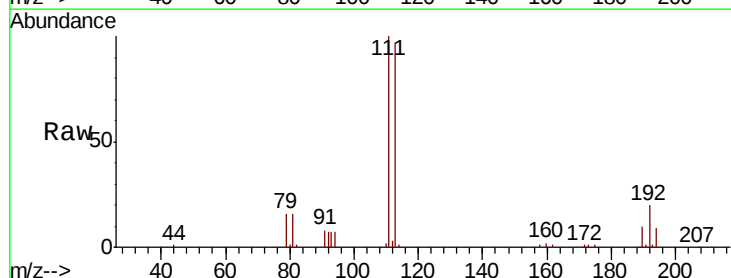


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

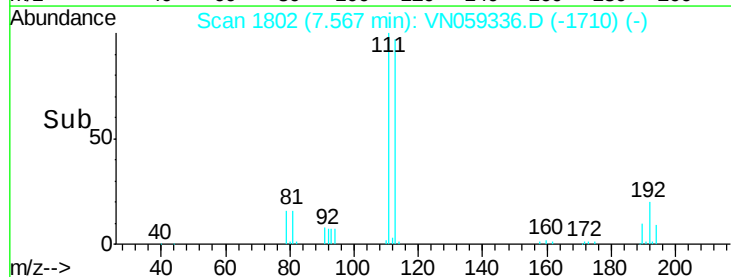
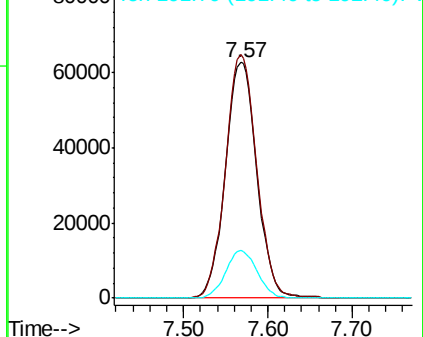


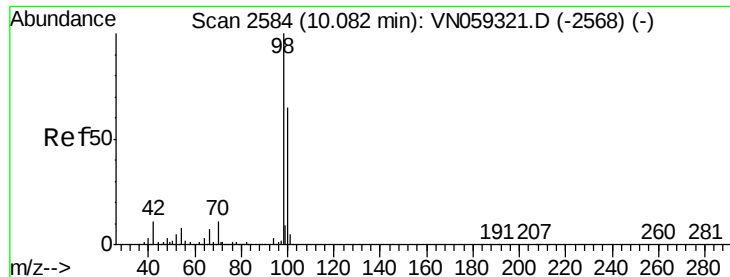
#35
Dibromofluoromethane
Concen: 48.966 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059336.D
Acq: 21 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	20.2	16.3	24.5



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: 50.956 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

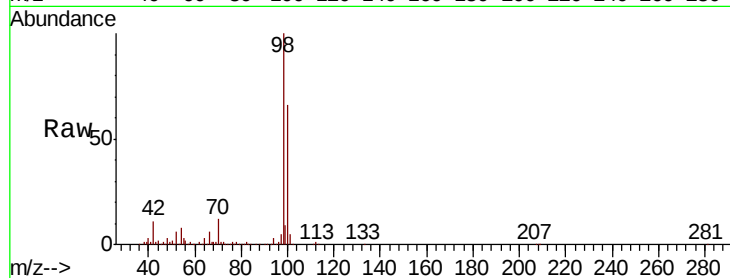
MW-4-(12-14)

Tot Ion: 98 Resp: 673358

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

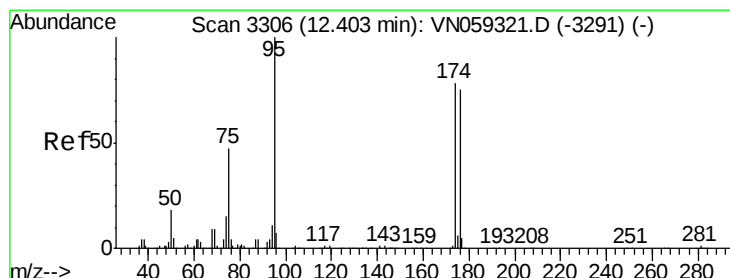
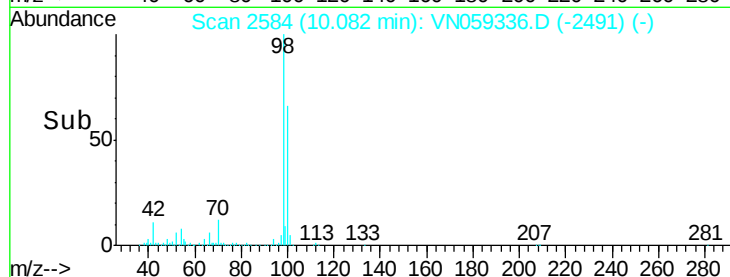
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 85.544 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

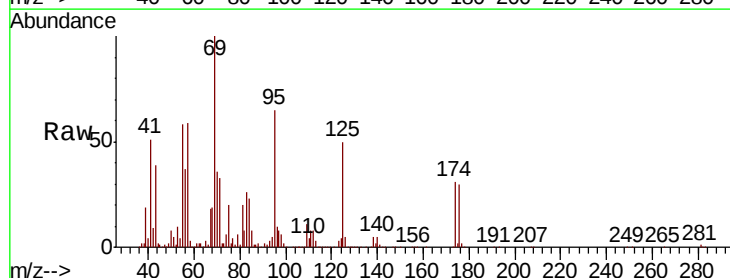
Tgt Ion: 95 Resp: 395259

Ion Ratio Lower Upper

95 100

174 46.5 0.0 157.4

176 45.0 0.0 151.2



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

250000

200000

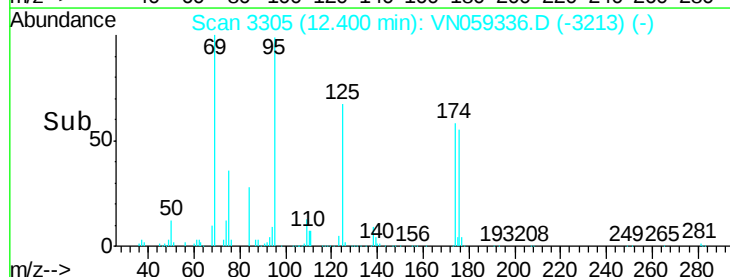
150000

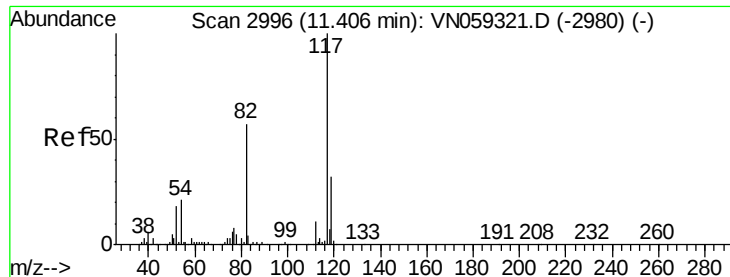
100000

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: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(12-14)

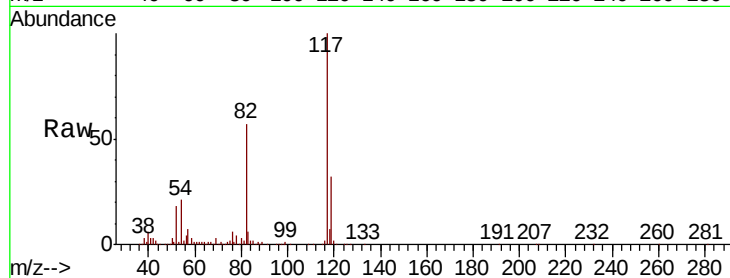
Tot Ion:117 Resp: 490059

Ion Ratio Lower Upper

117 100

82 53.3 45.7 68.5

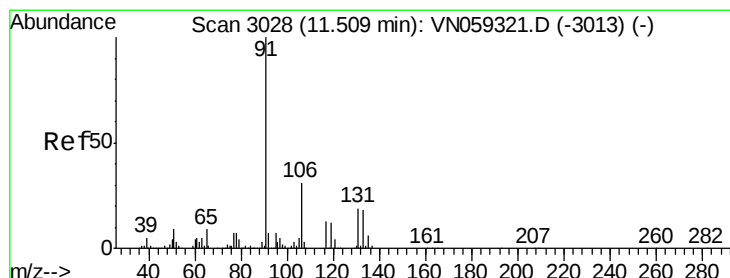
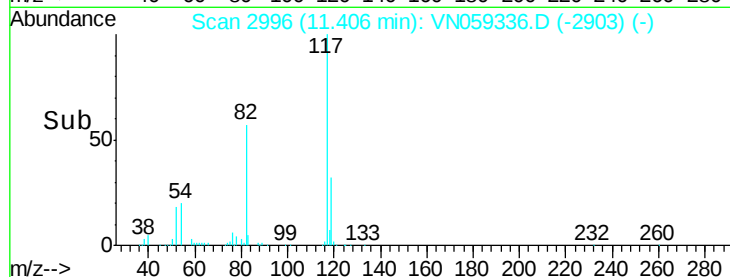
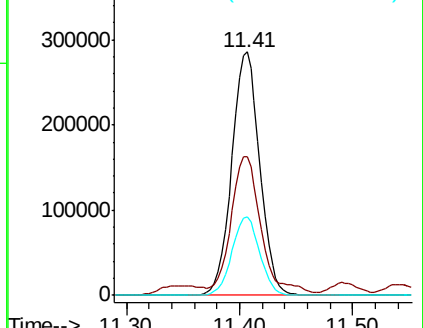
119 32.3 25.8 38.6



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



#67

Ethyl Benzene

Concen: 1.845 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059336.D

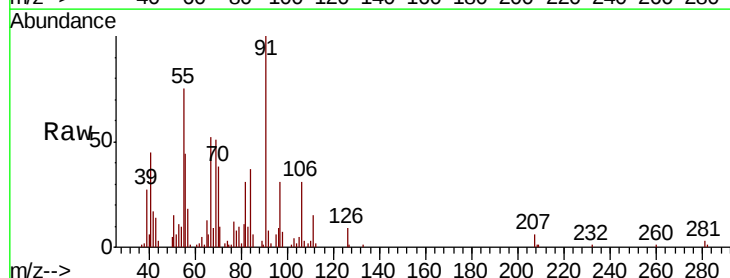
Acq: 21 Nov 2019 15:28

Tgt Ion: 91 Resp: 34720

Ion Ratio Lower Upper

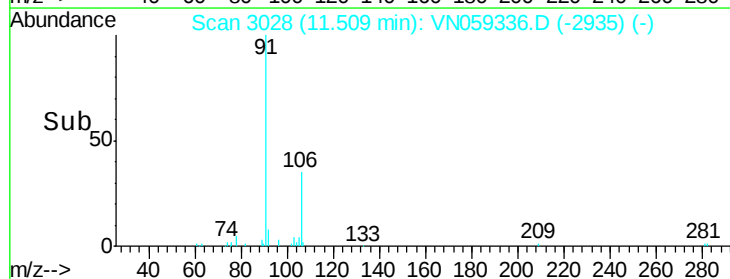
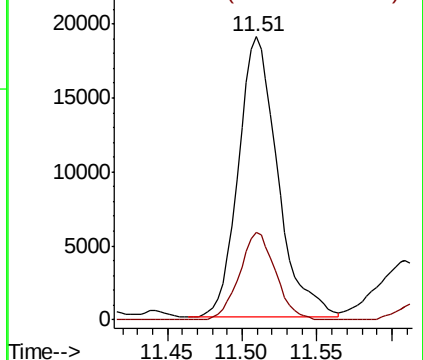
91 100

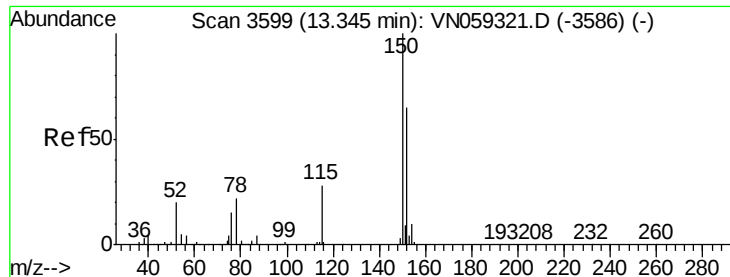
106 31.4 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(12-14)

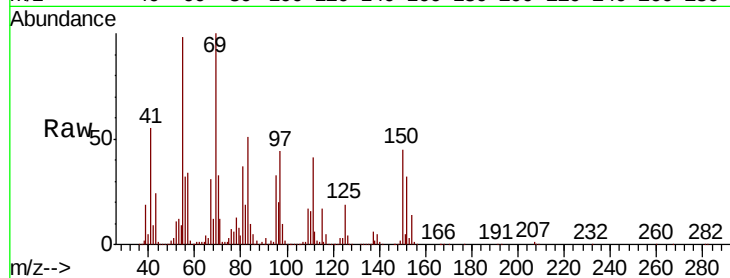
Tot Ion:152 Resp: 316775

Ion Ratio Lower Upper

152 100

115 40.5 29.3 88.0

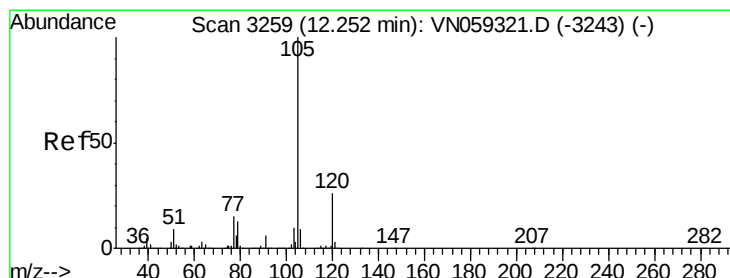
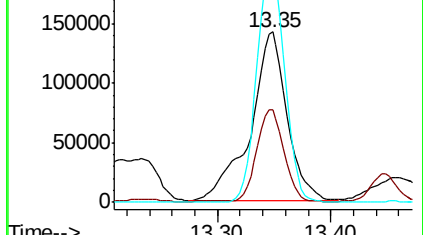
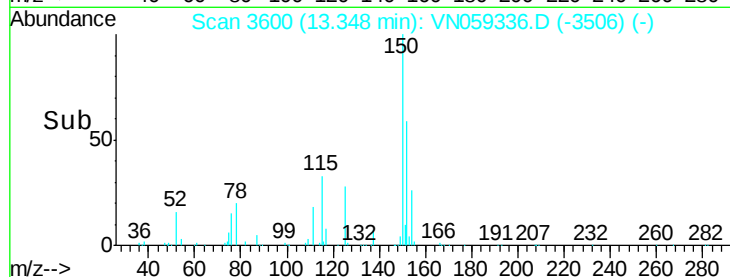
150 108.1 0.0 346.0



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



#73

Isopropylbenzene

Concen: 4.692 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059336.D

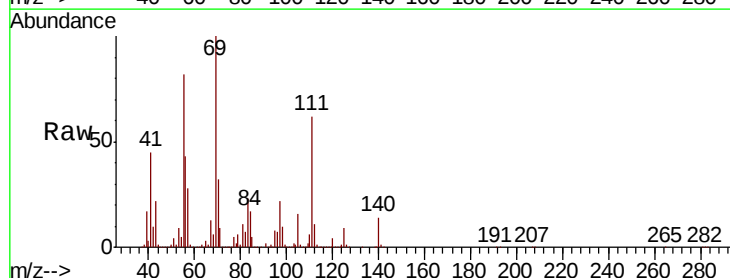
Acq: 21 Nov 2019 15:28

Tgt Ion:105 Resp: 121762

Ion Ratio Lower Upper

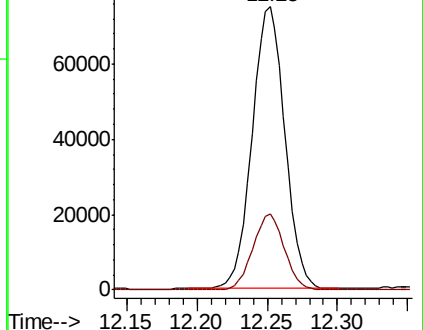
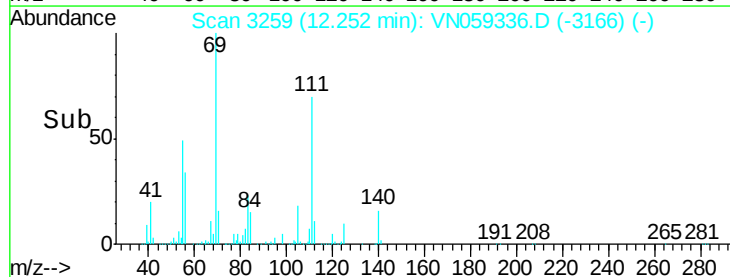
105 100

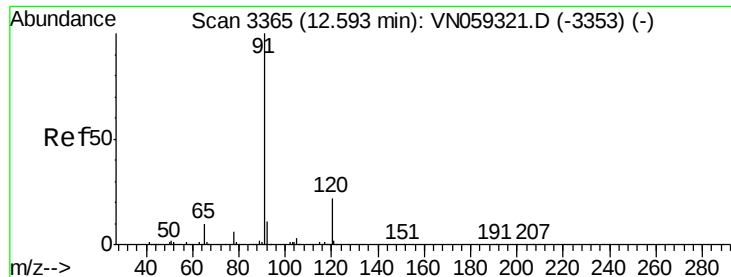
120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.419 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

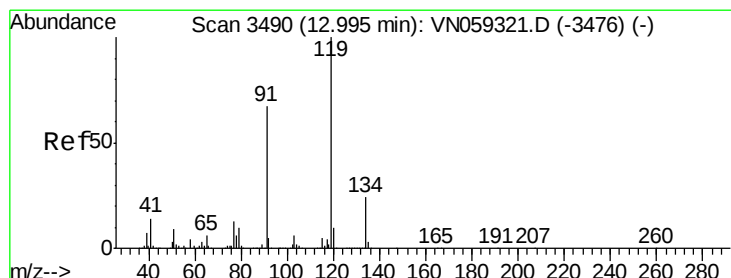
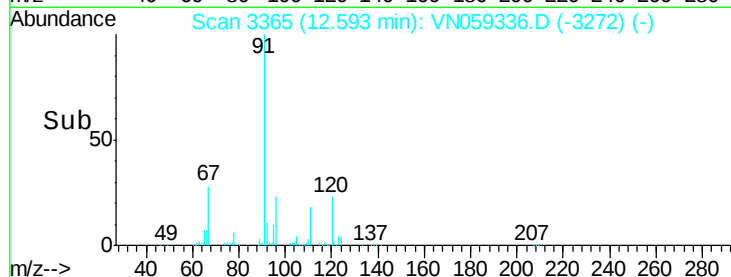
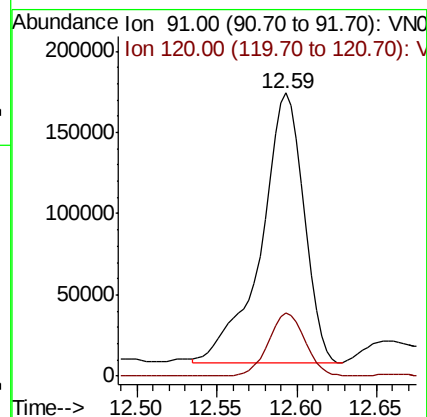
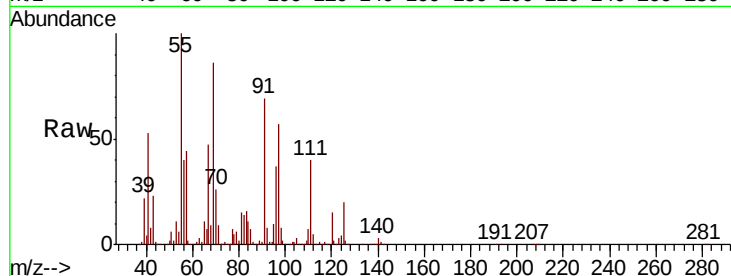
MW-4-(12-14)

Tot Ion: 91 Resp: 306250

Ion Ratio Lower Upper

91 100

120 20.3 11.3 33.9



#83

tert-Butylbenzene

Concen: 10.410 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

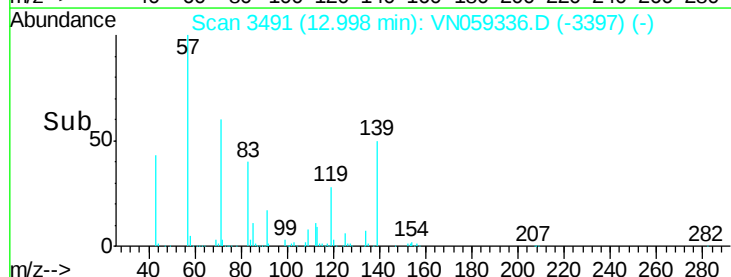
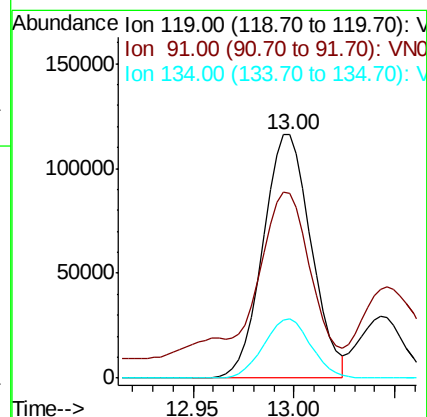
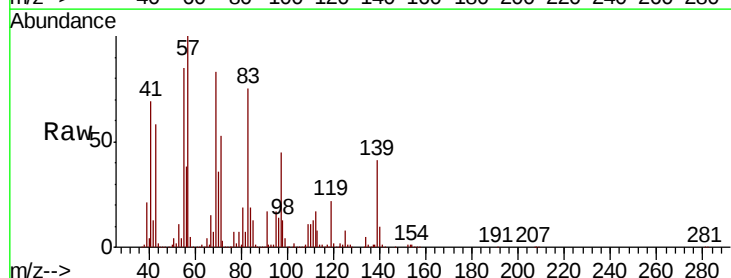
Tgt Ion: 119 Resp: 191792

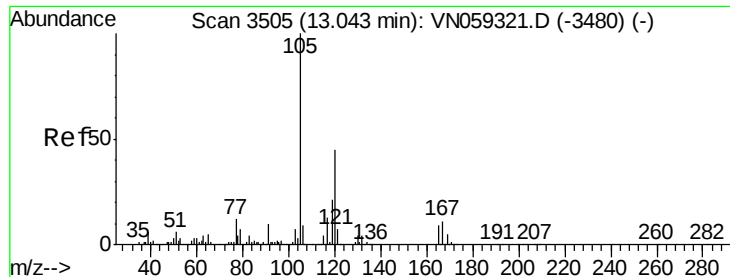
Ion Ratio Lower Upper

119 100

91 77.1 32.8 98.4

134 24.1 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 17.645 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059336.D

Acq: 21 Nov 2019 15:28

Instrument :

MSVOA_N

ClientSampled :

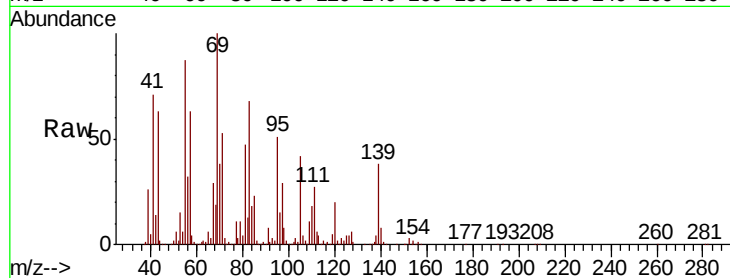
MW-4-(12-14)

Tot Ion:105 Resp: 377042

Ion Ratio Lower Upper

105 100

120 46.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

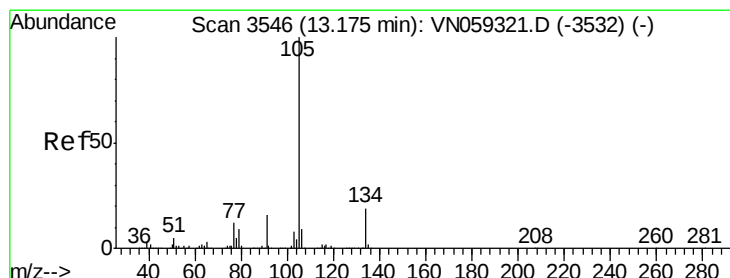
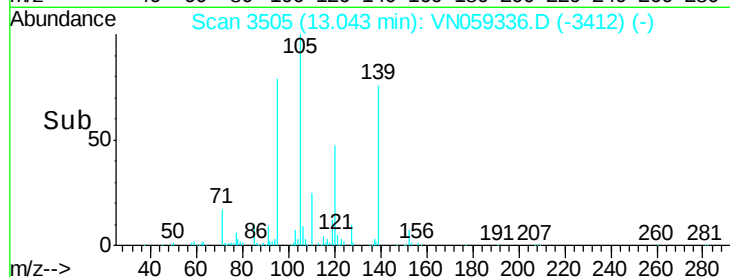
100000

50000

0

13.00 13.05 13.10

Time-->



#85

sec-Butylbenzene

Concen: 27.602 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059336.D

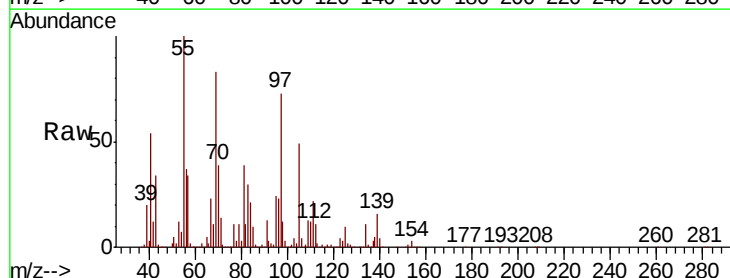
Acq: 21 Nov 2019 15:28

Tgt Ion:105 Resp: 683480

Ion Ratio Lower Upper

105 100

134 32.1 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

500000

400000

300000

200000

100000

0

13.10 13.15 13.20

Time-->

