

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059363.D
 Acq On : 22 Nov 2019 14:41
 Operator : JC/SP
 Sample : K5957-04ME 20X
 Misc : 4.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

Quant Time: Nov 22 16:14:40 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	7.65	168	374679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	575006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	510680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	210930	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	7.57	113	169298	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.08	98	702161	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	256767	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	

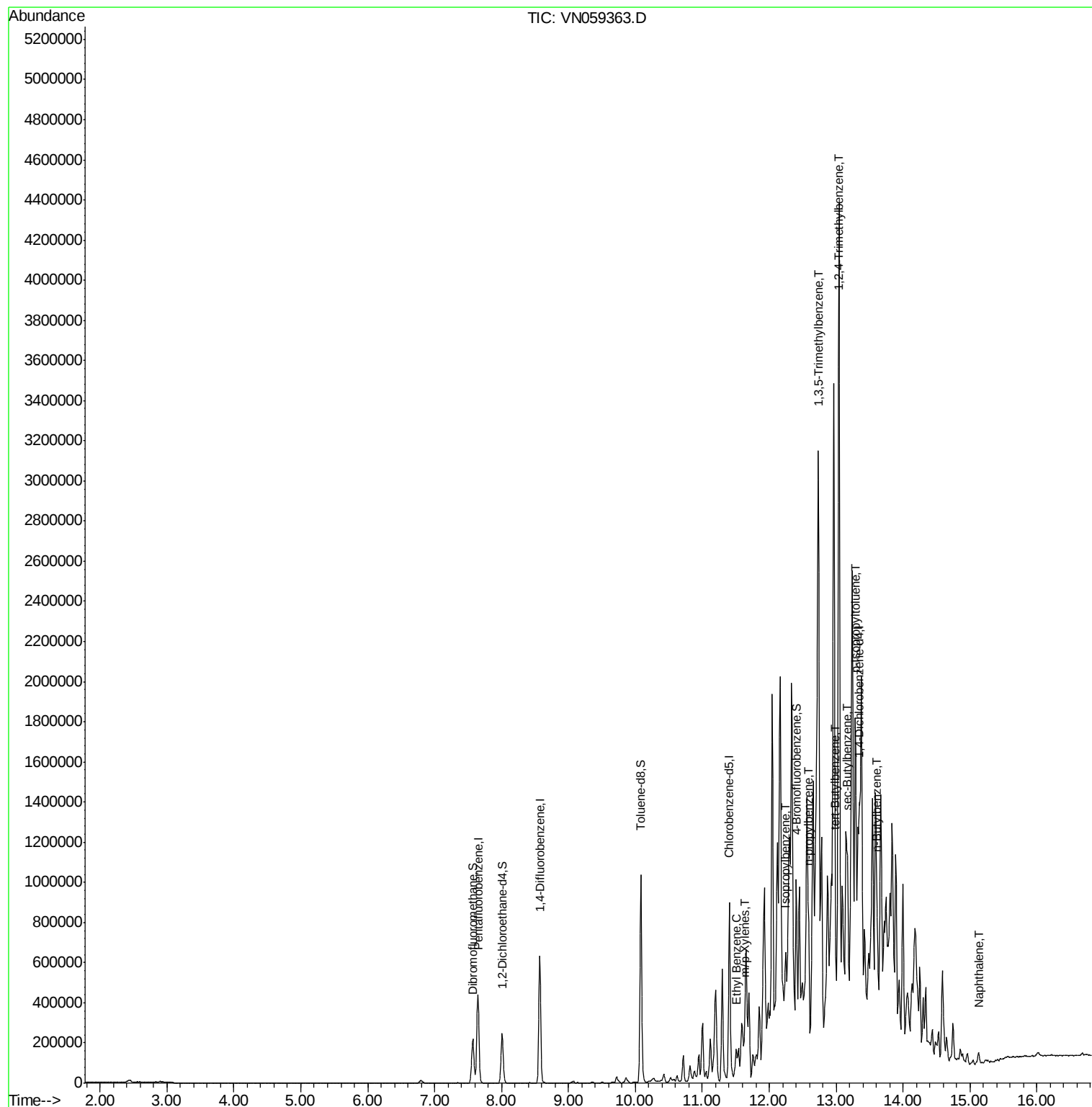
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	11.51	91	95805	4.887	ug/l	99
68) m/p-Xylenes	11.63	106	31067	4.264	ug/l	95
73) Isopropylbenzene	12.25	105	145798	7.799	ug/l	100
78) n-propylbenzene	12.59	91	441913	20.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	727152	46.272	ug/l	99
83) tert-Butylbenzene	12.99	119	29712	2.239	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	2157478	140.151	ug/l	98
85) sec-Butylbenzene	13.17	105	251387	14.092	ug/l #	74
86) p-Isopropyltoluene	13.29	119	230604	14.527	ug/l	100
89) n-Butylbenzene	13.62	91	238056	17.095	ug/l #	80
95) Naphthalene	15.13	128	46680	6.418	ug/l	99

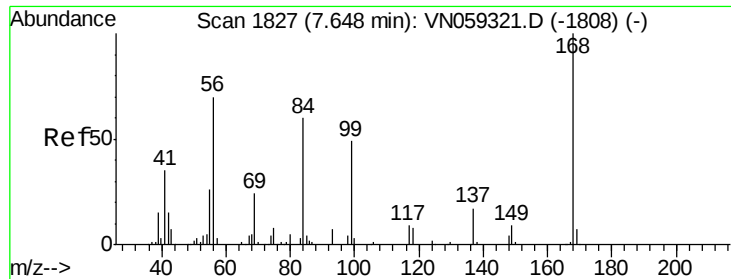
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
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MW-2-(20-22)ME

Quant Time: Nov 22 16:14:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
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: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

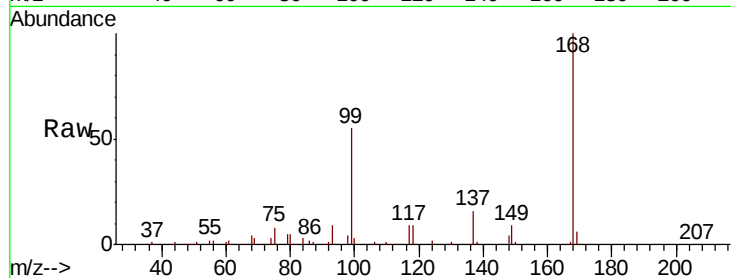
MW-2-(20-22)ME

Tot Ion:168 Resp: 374679

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

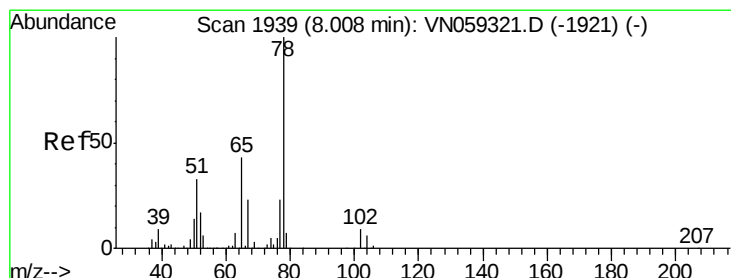
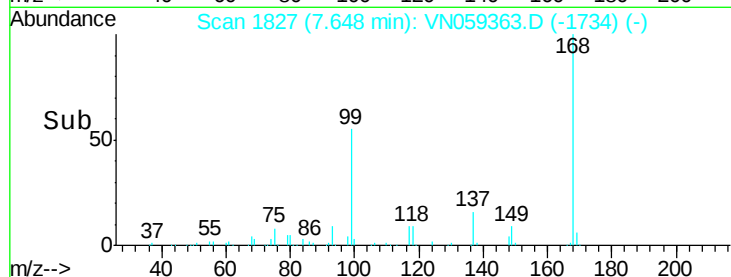
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.920 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059363.D

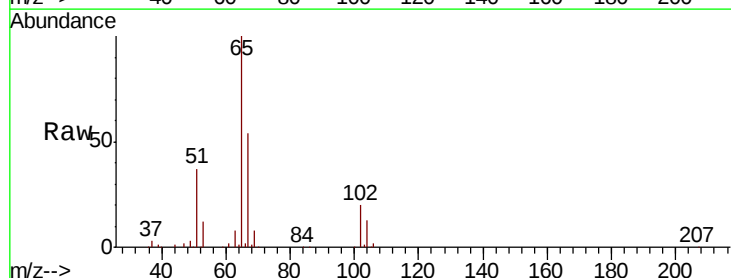
Acq: 22 Nov 2019 14:41

Tgt Ion: 65 Resp: 210930

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

100000

80000

60000

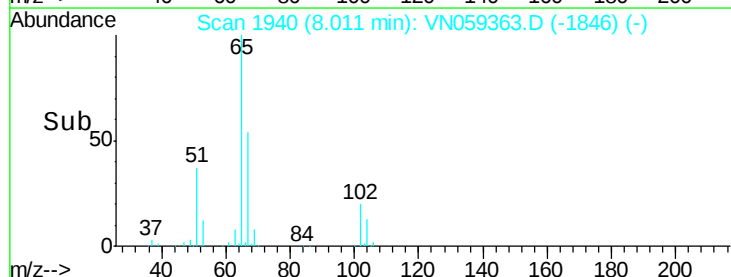
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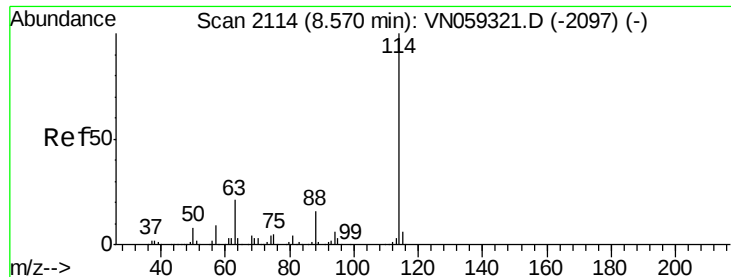
20000

0

7.90 8.00 8.10

Time-->

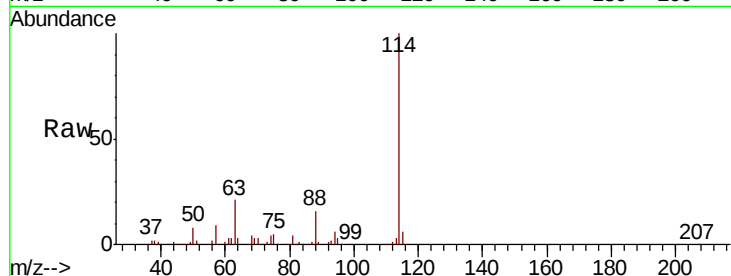




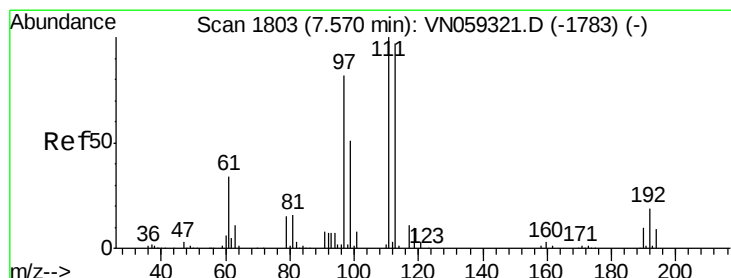
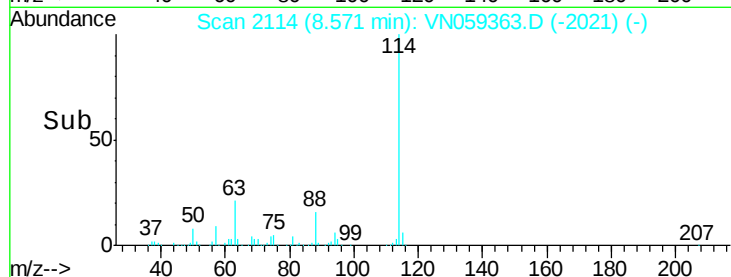
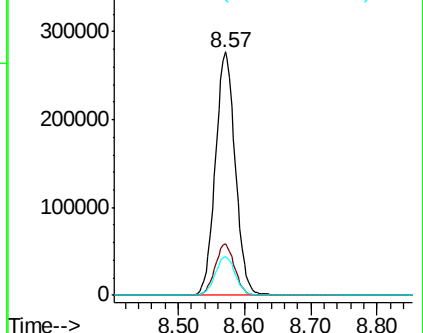
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	16.2	0.0	32.2

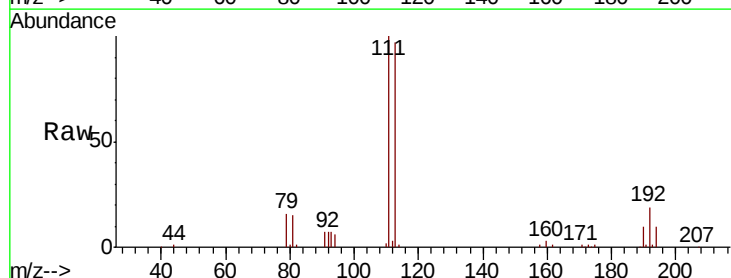


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

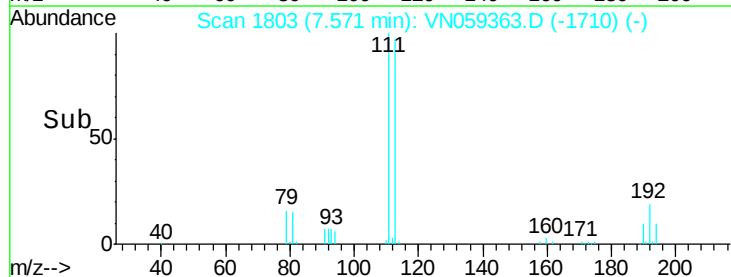
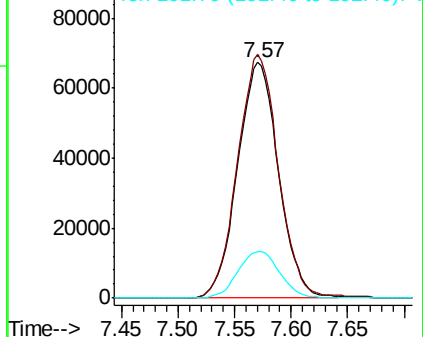


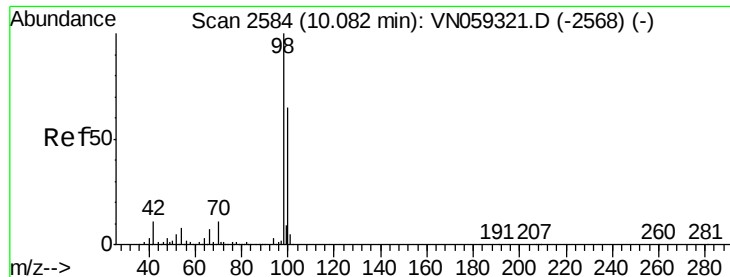
#35
 Dibromofluoromethane
 Concen: 49.076 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	20.3	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: 51.200 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

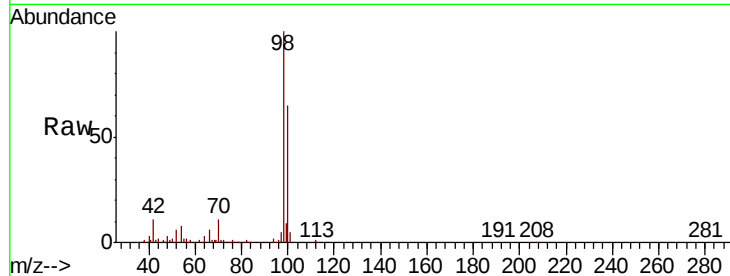
MW-2-(20-22)ME

Tot Ion: 98 Resp: 702161

Ion Ratio Lower Upper

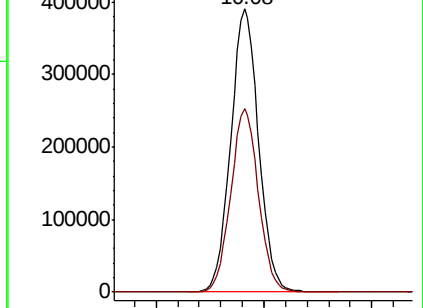
98 100

100 64.5 51.7 77.5

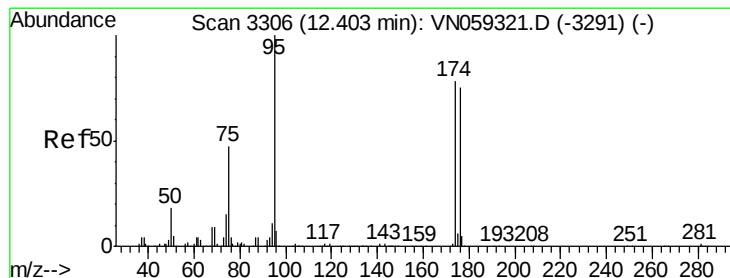
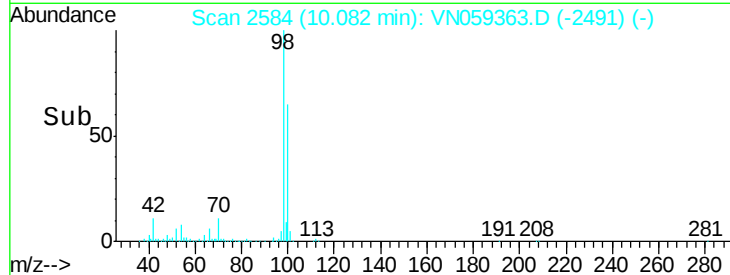


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 53.546 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

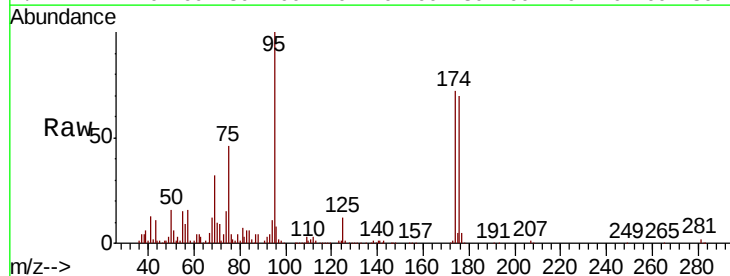
Tgt Ion: 95 Resp: 256767

Ion Ratio Lower Upper

95 100

174 75.0 0.0 157.4

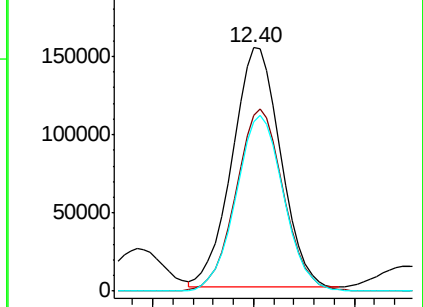
176 72.6 0.0 151.2



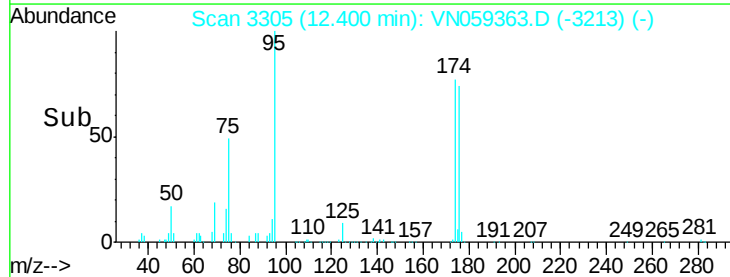
Abundance Ion 94.90 (94.60 to 95.60): VN0

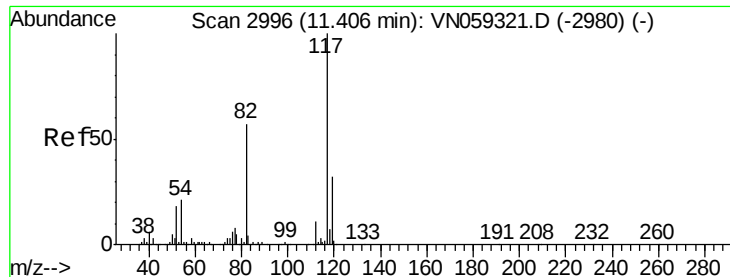
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

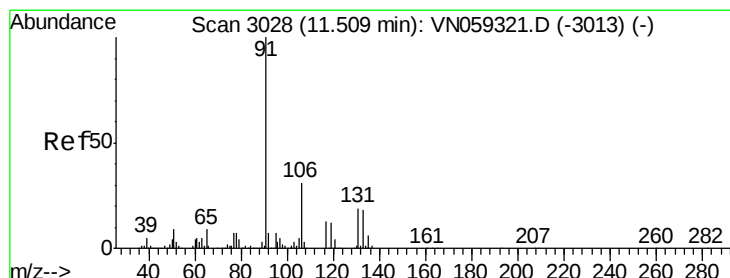
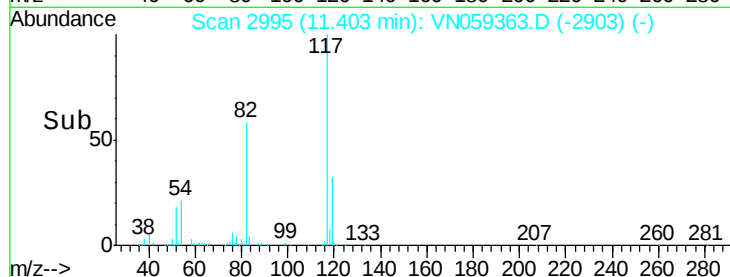
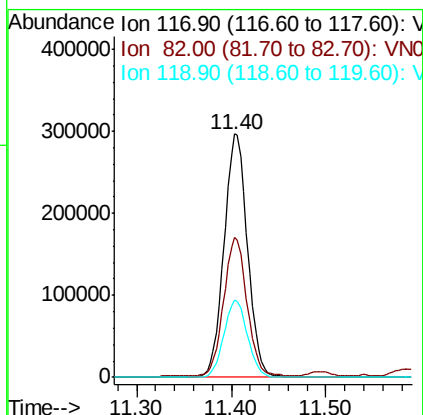
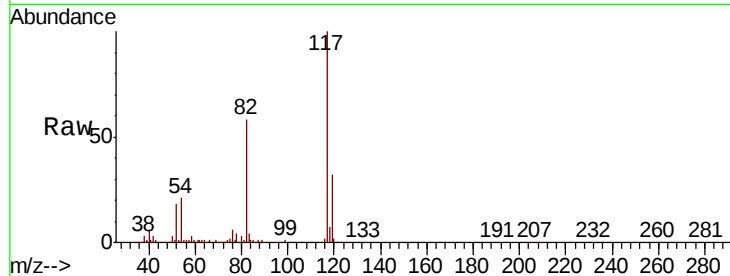




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

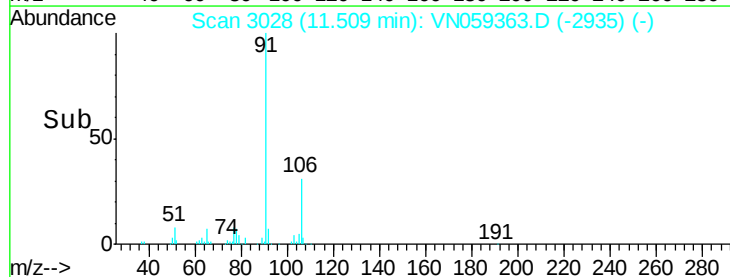
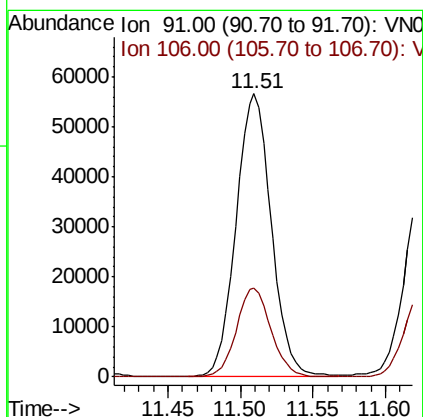
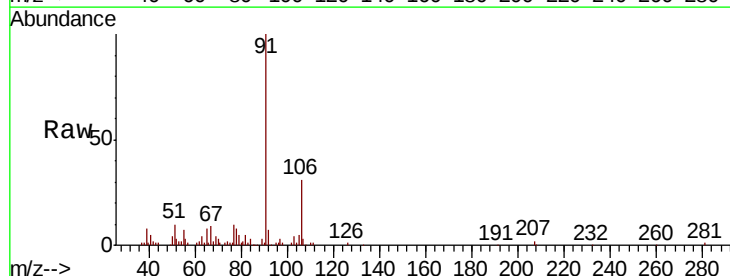
Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

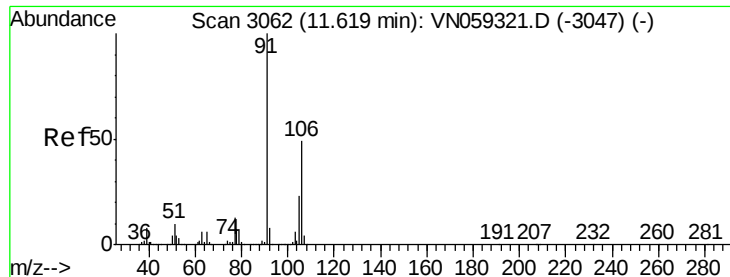
Tot Ion:117 Resp: 510680
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 4.887 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Tgt Ion: 91 Resp: 95805
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0





#68

m/p-Xvlenes

Concen: 4.264 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.01 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

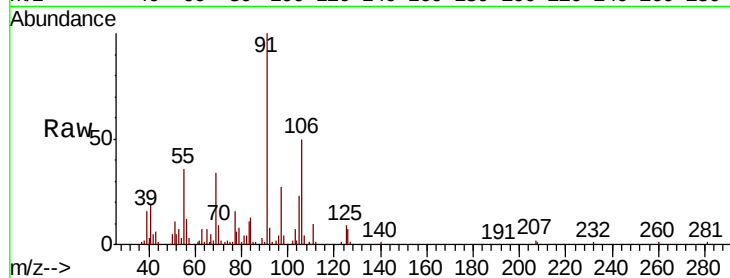
MW-2-(20-22)ME

Tot Ion:106 Resp: 31067

Ion Ratio Lower Upper

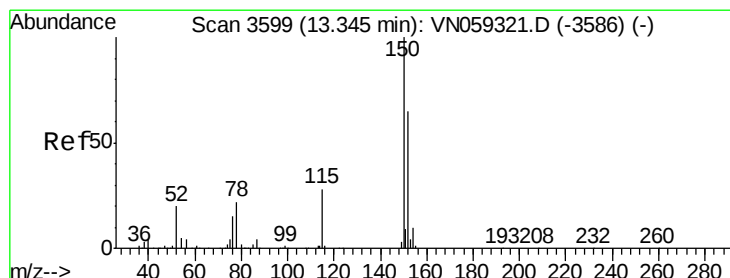
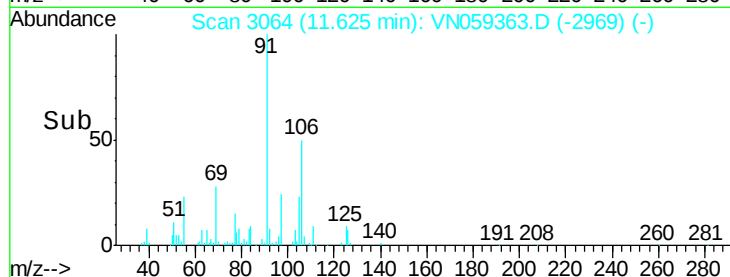
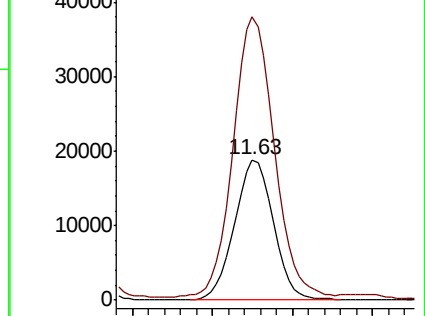
106 100

91 212.0 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

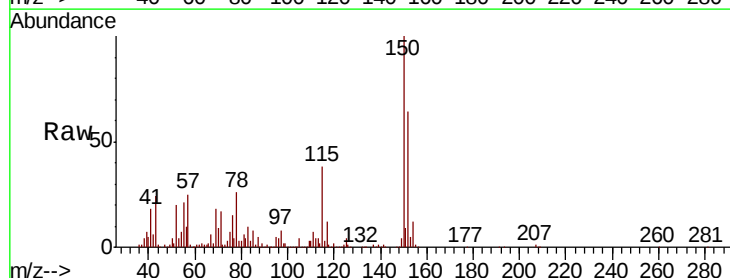
Tgt Ion:152 Resp: 228204

Ion Ratio Lower Upper

152 100

115 73.1 29.3 88.0

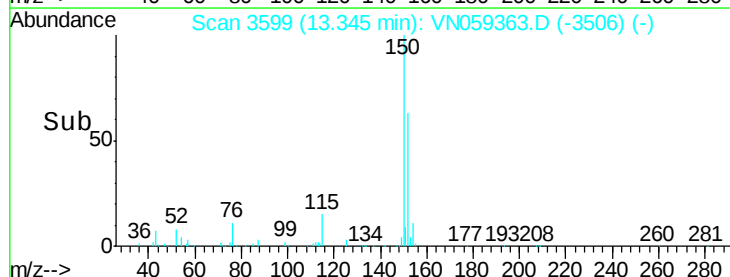
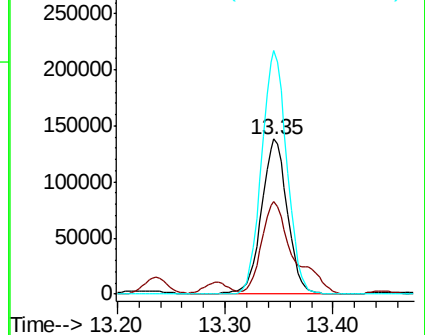
150 154.3 0.0 346.0

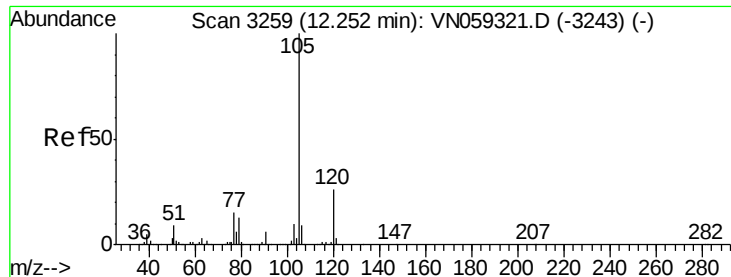


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7.799 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

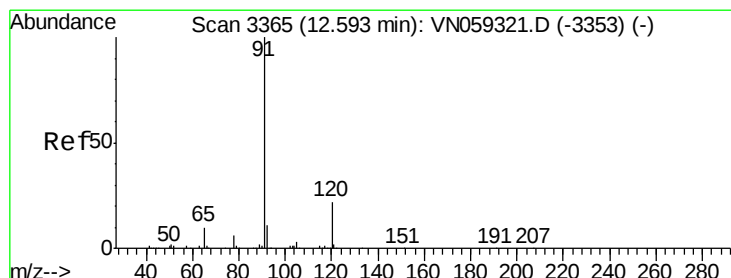
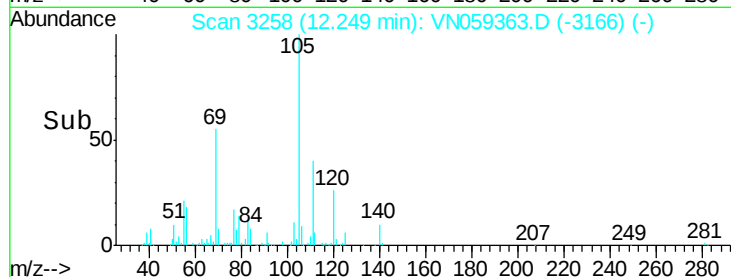
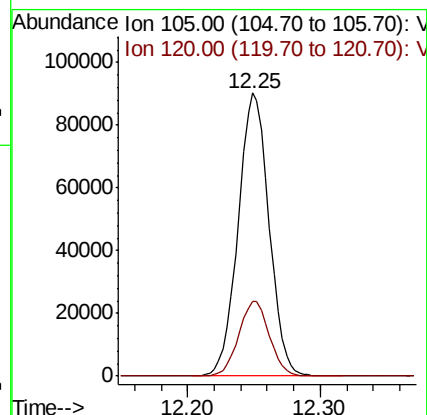
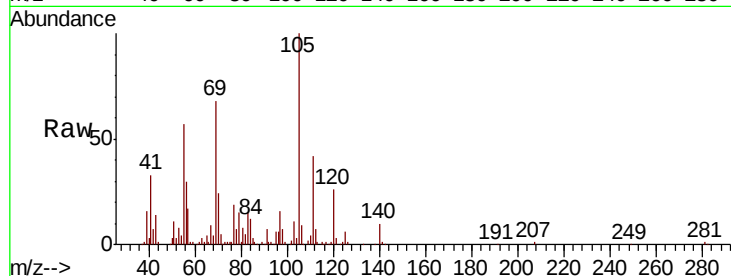
MW-2-(20-22)ME

Tot Ion: 105 Resp: 145798

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#78

n-propylbenzene

Concen: 20.869 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059363.D

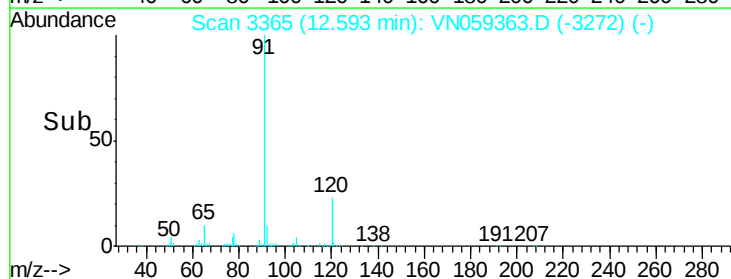
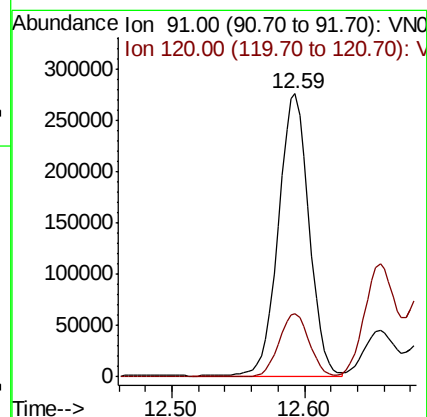
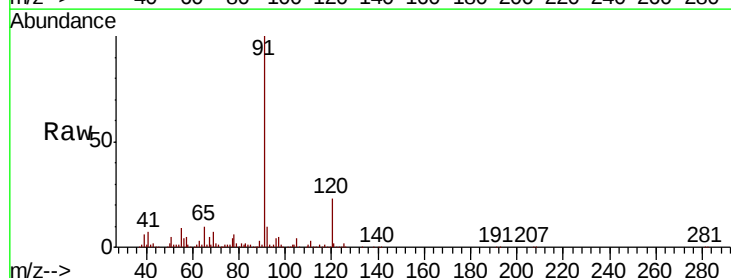
Acq: 22 Nov 2019 14:41

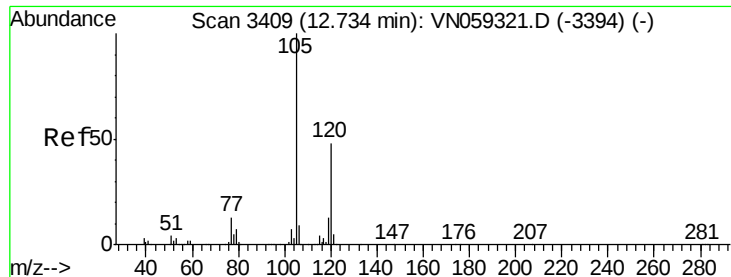
Tgt Ion: 91 Resp: 441913

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 46.272 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

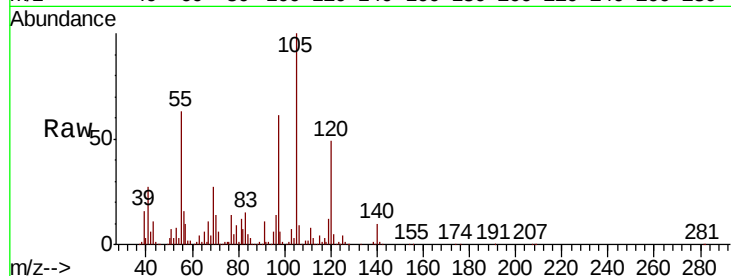
MW-2-(20-22)ME

Tot Ion:105 Resp: 727152

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

500000

400000

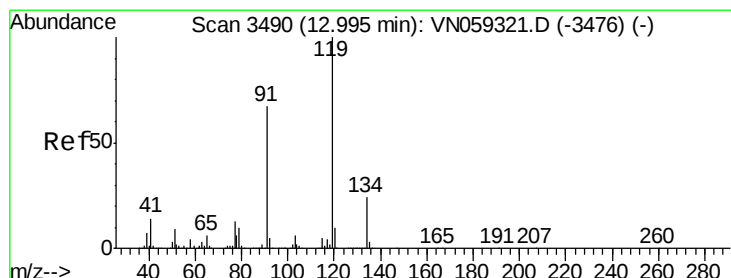
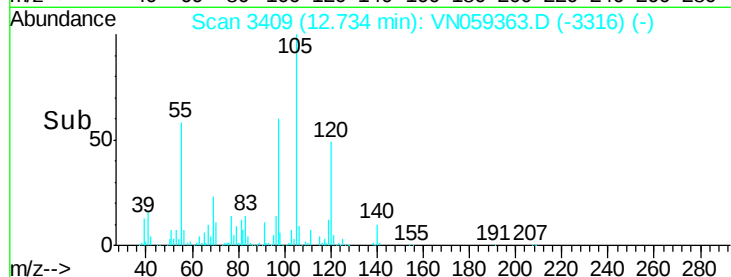
300000

200000

100000

0

Time-->



#83

tert-Butylbenzene

Concen: 2.239 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

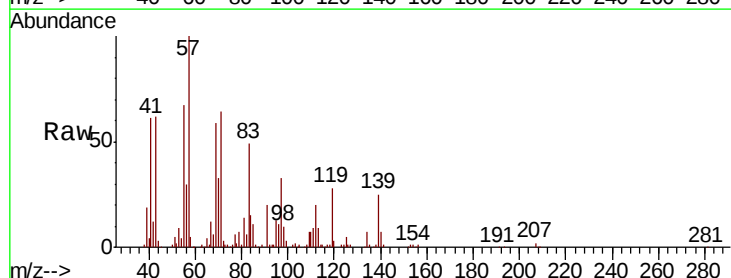
Tgt Ion:119 Resp: 29712

Ion Ratio Lower Upper

119 100

91 72.3 32.8 98.4

134 24.4 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

200000

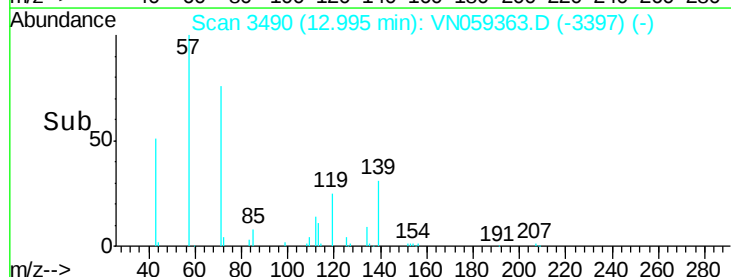
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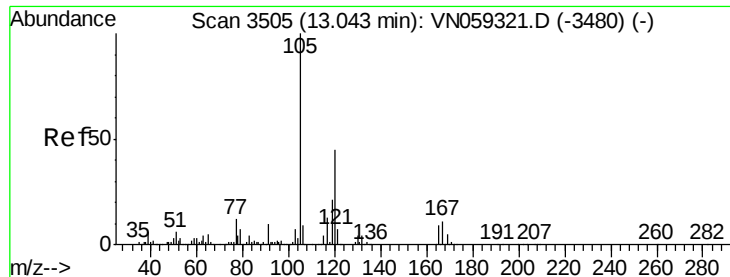
100000

50000

0

Time-->

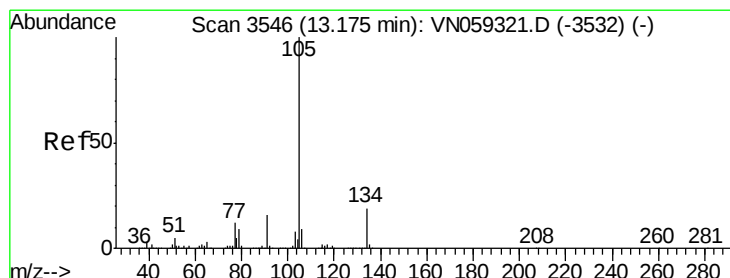
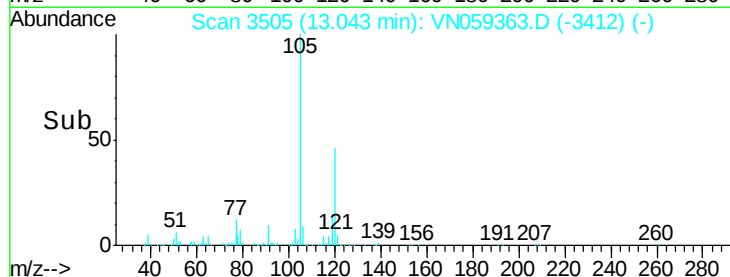
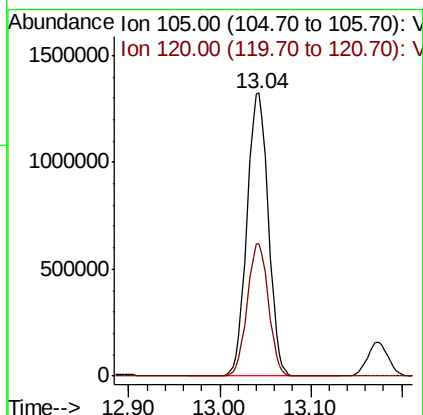
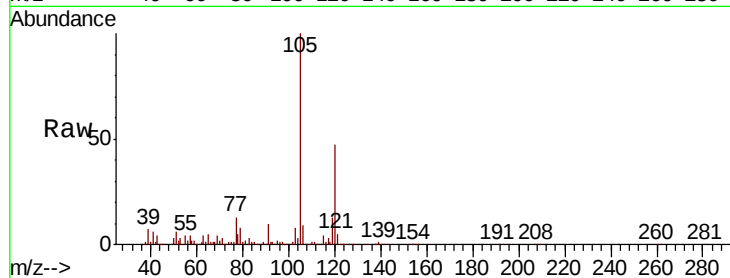




#84
 1,2,4-Trimethylbenzene
 Concen: 140.151 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

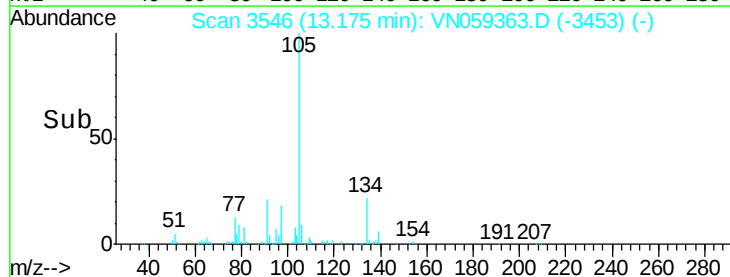
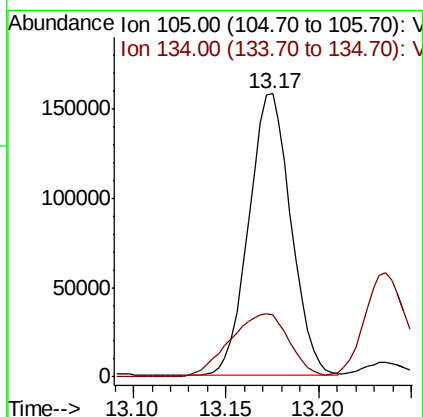
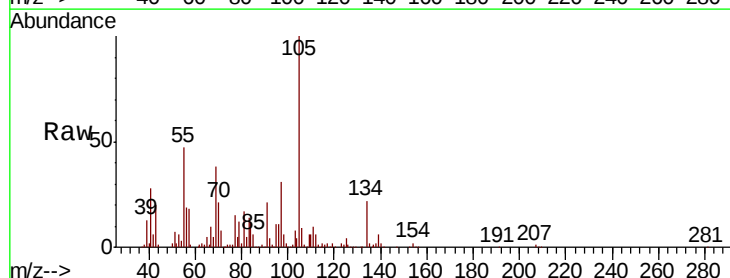
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

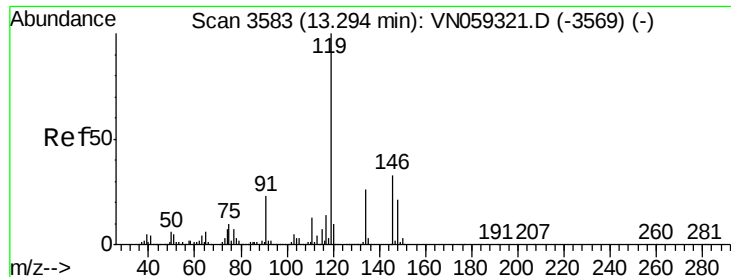
Tot Ion:105 Resp: 2157478
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 14.092 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Tgt Ion:105 Resp: 251387
 Ion Ratio Lower Upper
 105 100
 134 31.2 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 14.527 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

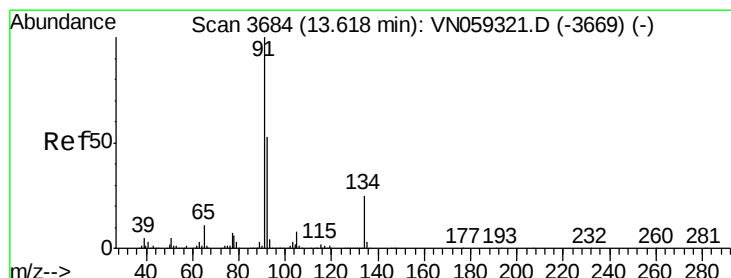
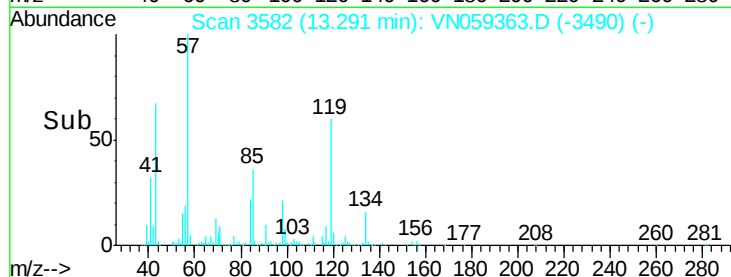
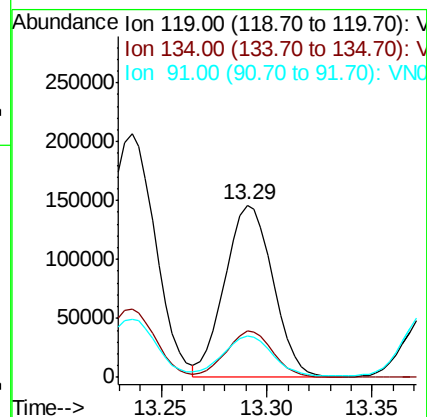
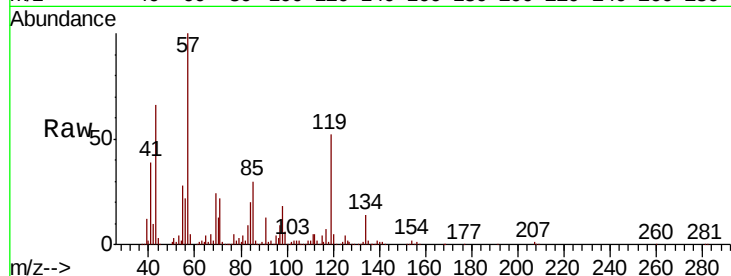
Tot Ion:119 Resp: 230604

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.1 11.6 34.7



#89

n-Butylbenzene

Concen: 17.095 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

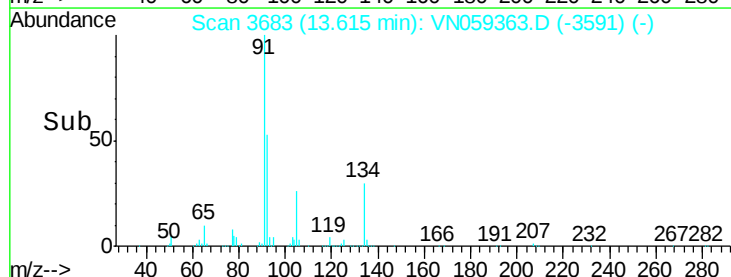
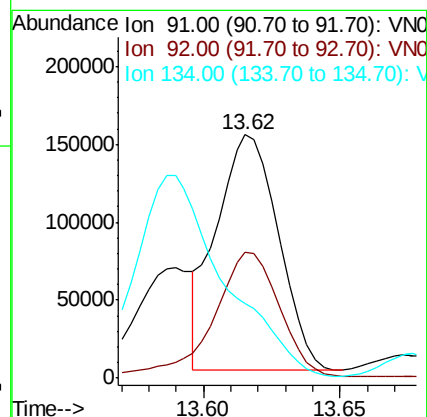
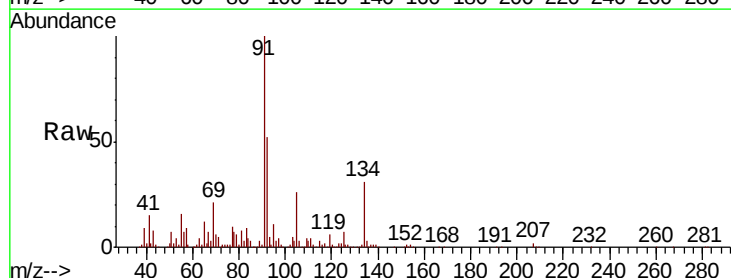
Tgt Ion: 91 Resp: 238056

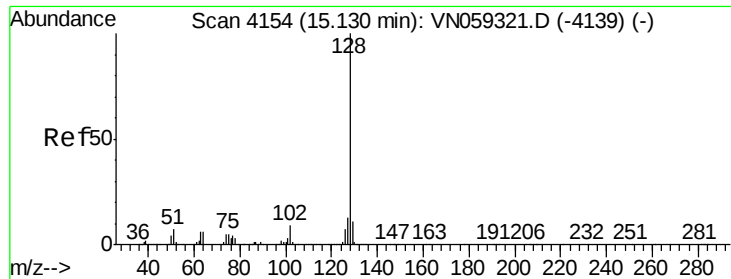
Ion Ratio Lower Upper

91 100

92 56.1 26.0 78.0

134 0.0 12.7 38.1#





#95
Naphthalene
Concen: 6.418 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.6	13.0

