

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059362.D
 Acq On : 22 Nov 2019 14:19
 Operator : JC/SP
 Sample : K5957-02MEDL 20X
 Misc : 5.85g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1-(17-20)MEDL

Quant Time: Nov 22 15:56:40 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	352518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	543585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214039	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	203947	48.22	ug/l	0.00
Spiked Amount						
			Recovery	=	96.44%	
35) Dibromofluoromethane	7.57	113	160789	49.30	ug/l	0.00
Spiked Amount						
			Recovery	=	98.60%	
50) Toluene-d8	10.08	98	663217	51.16	ug/l	0.00
Spiked Amount						
			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	244200	53.87	ug/l	0.00
Spiked Amount						
			Recovery	=	107.74%	

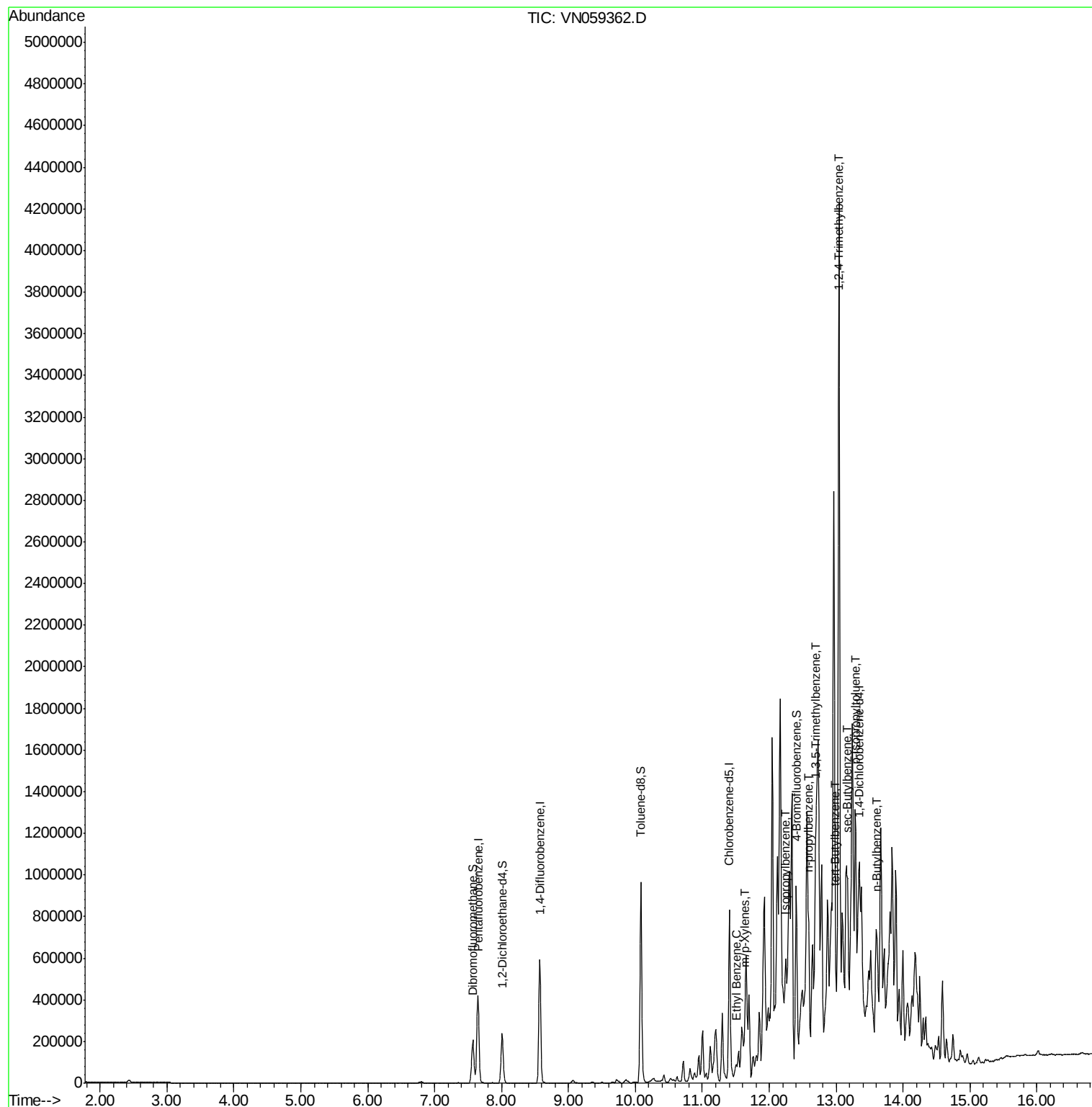
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	11.51	91	37890	2.051	ug/l	97
68) m/p-Xylenes	11.63	106	31644	4.609	ug/l	95
73) Isopropylbenzene	12.25	105	145388	8.292	ug/l	98
78) n-propylbenzene	12.59	91	445235	22.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.69	105	458590	31.113	ug/l	73
83) tert-Butylbenzene	13.00	119	27314	2.194	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	2082542	144.236	ug/l	98
85) sec-Butylbenzene	13.17	105	234730	14.029	ug/l #	74
86) p-Isopropyltoluene	13.29	119	204279	13.721	ug/l	100
89) n-Butylbenzene	13.62	91	225607	17.274	ug/l #	79

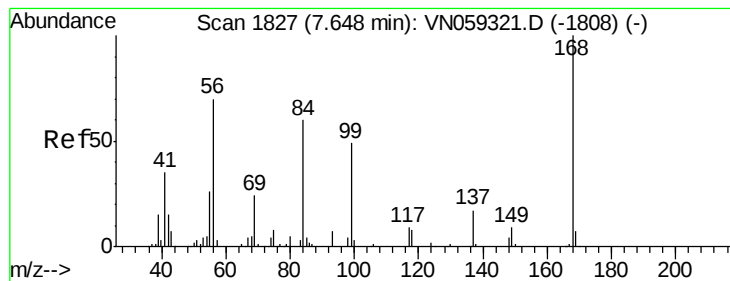
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
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MW-1-(17-20)MEDL

Quant Time: Nov 22 15:56:40 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: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

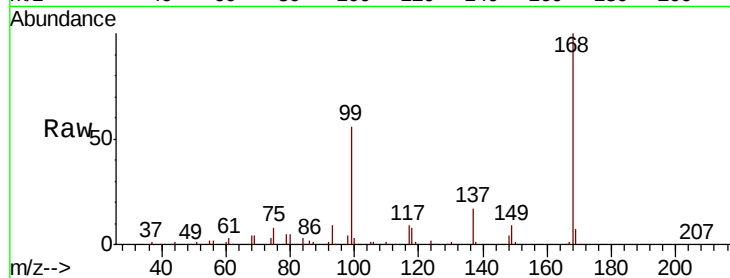
MW-1-(17-20)MEDL

Tot Ion:168 Resp: 352518

Ion Ratio Lower Upper

168 100

99 55.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059362.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059362.D (-1734) (-)

7.65

150000

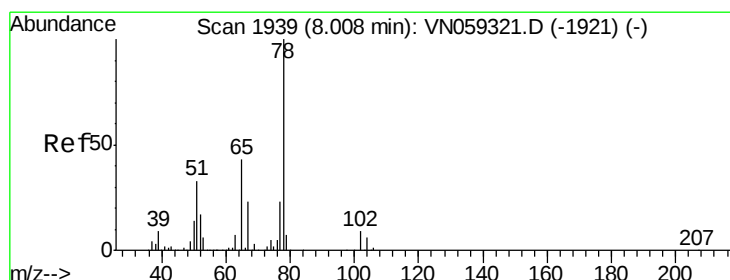
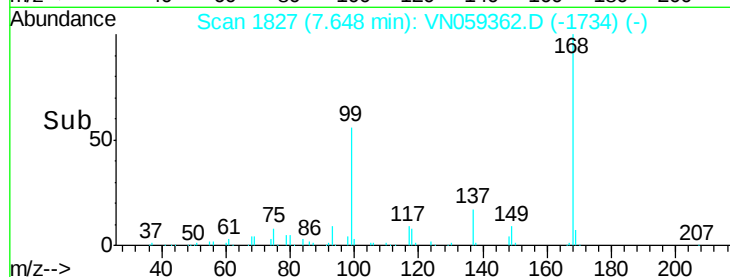
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059362.D

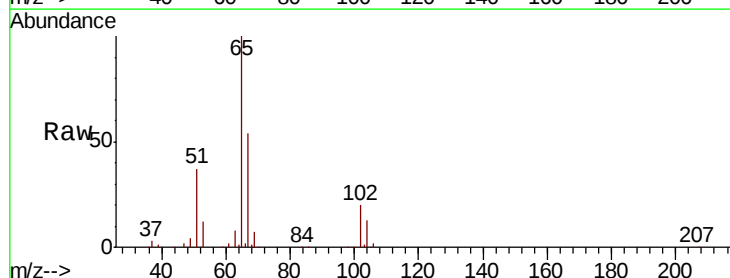
Acq: 22 Nov 2019 14:19

Tgt Ion: 65 Resp: 203947

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059362.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059362.D (-1846) (-)

8.01

100000

80000

60000

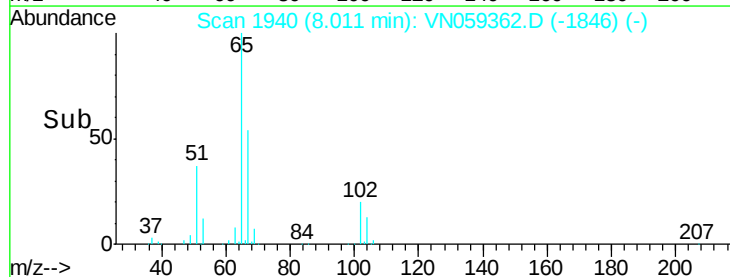
40000

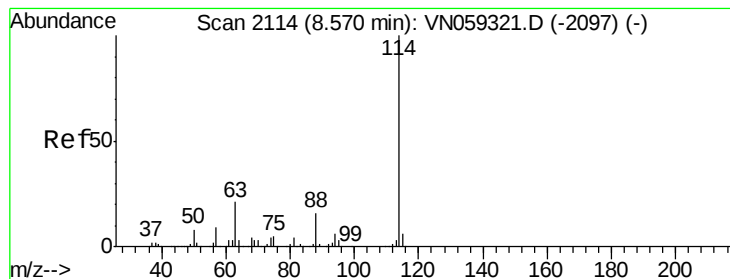
20000

0

7.90 7.95 8.00 8.05 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: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1-(17-20)MEDL

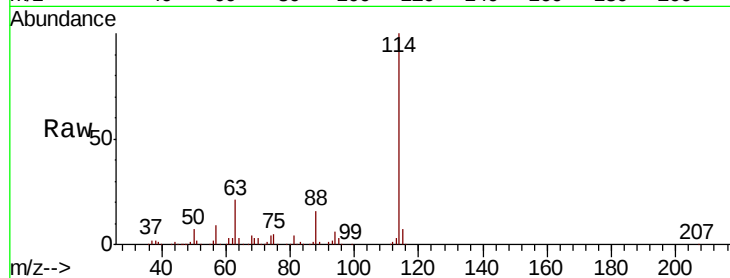
Tot Ion:114 Resp: 543585

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

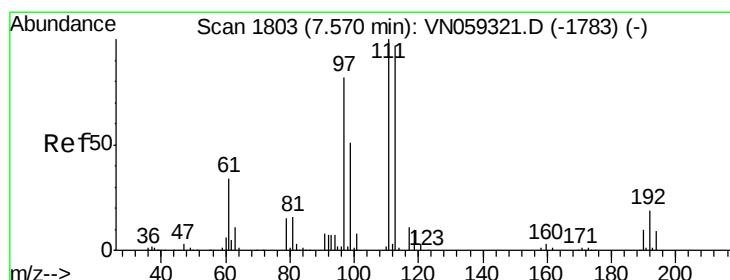
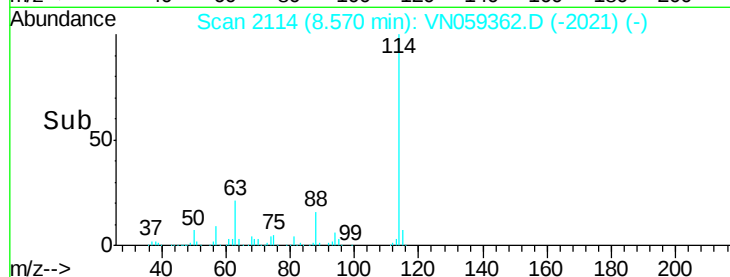
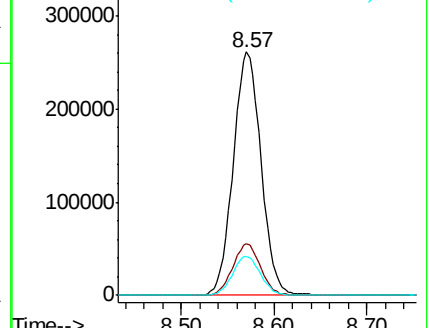
88 16.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.304 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

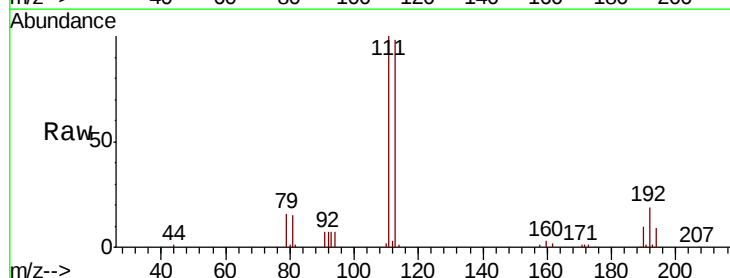
Tgt Ion:113 Resp: 160789

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

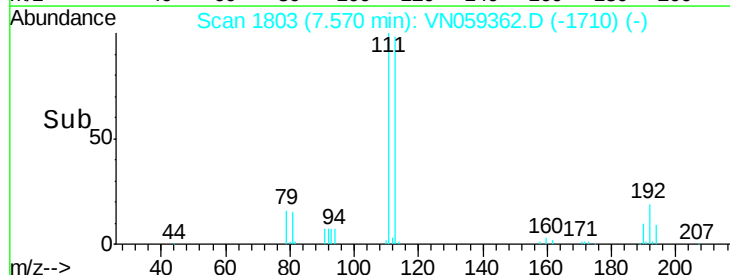
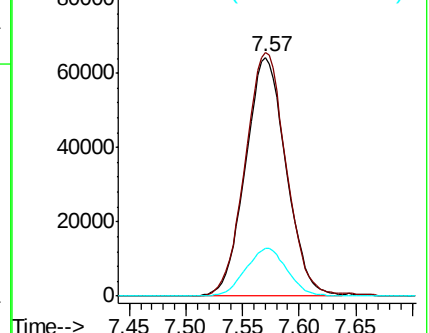
192 20.3 16.3 24.5

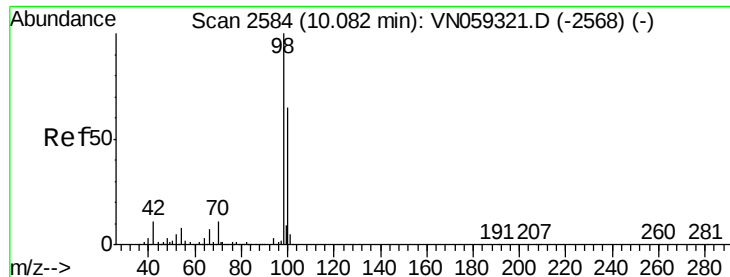


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.155 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

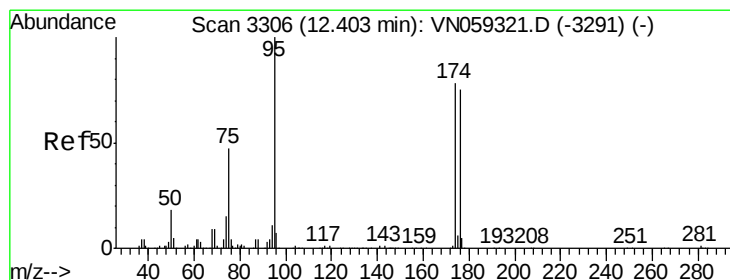
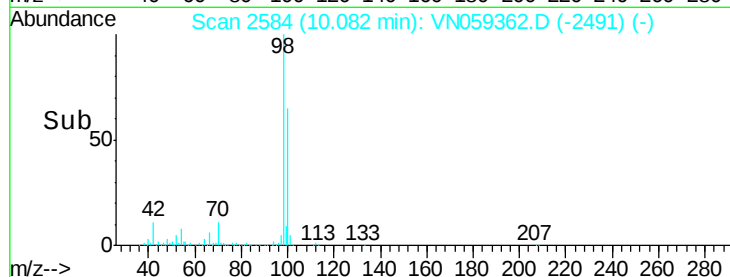
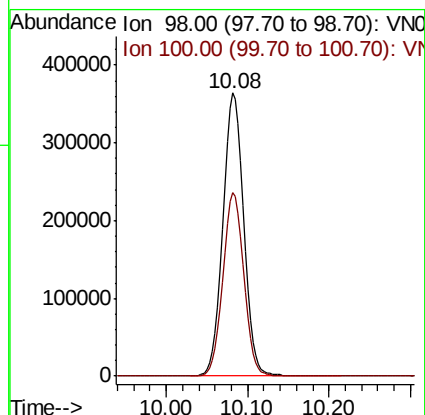
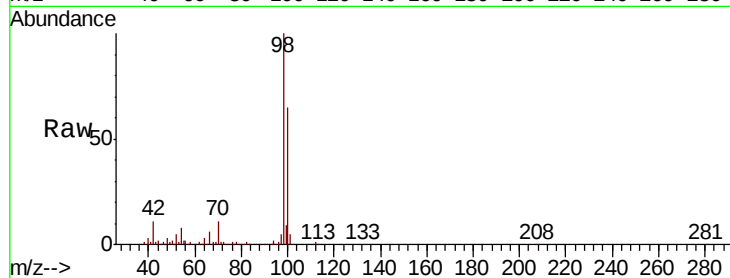
MW-1-(17-20)MEDL

Tot Ion: 98 Resp: 663217

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 53.869 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

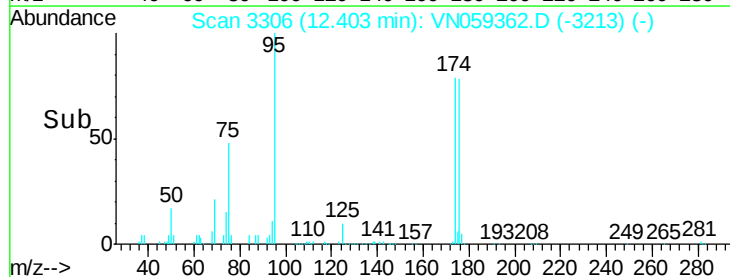
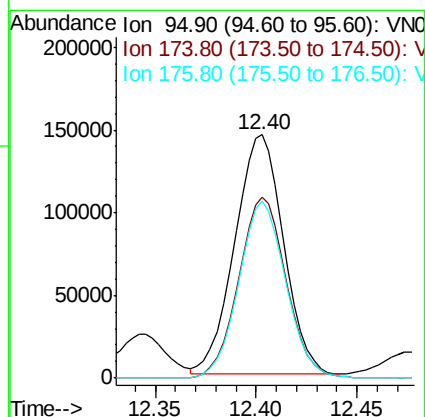
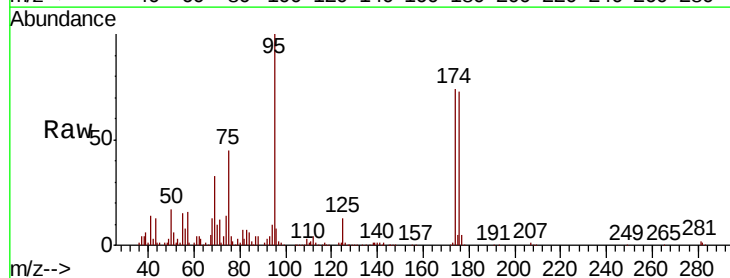
Tgt Ion: 95 Resp: 244200

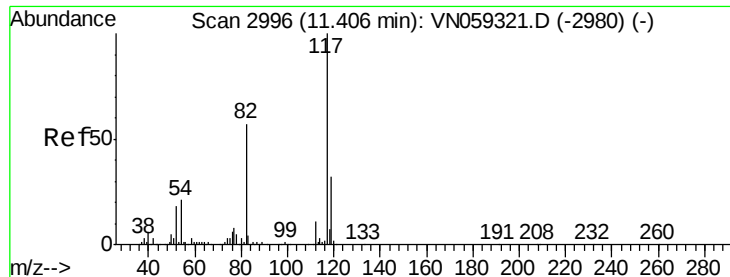
Ion Ratio Lower Upper

95 100

174 74.1 0.0 157.4

176 71.7 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1-(17-20)MEDL

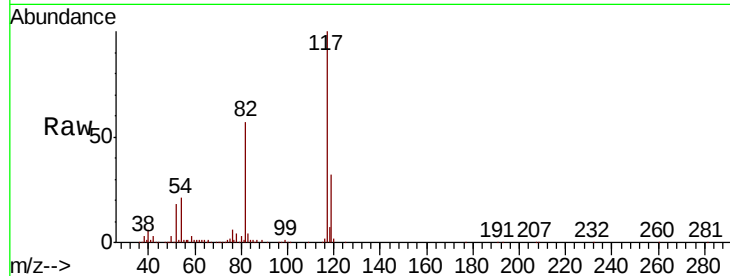
Tot Ion:117 Resp: 481239

Ion Ratio Lower Upper

117 100

82 55.9 45.7 68.5

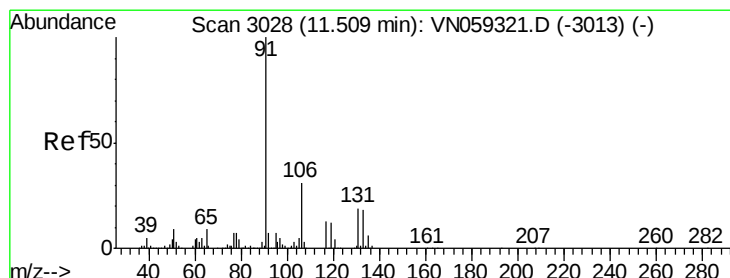
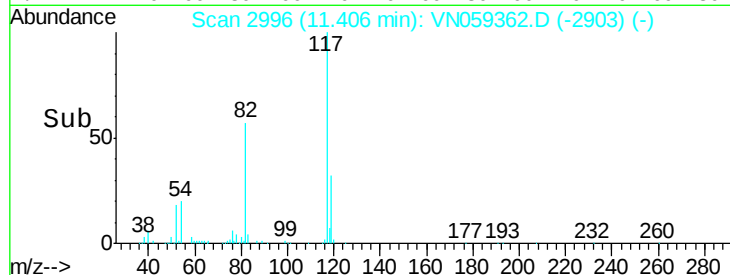
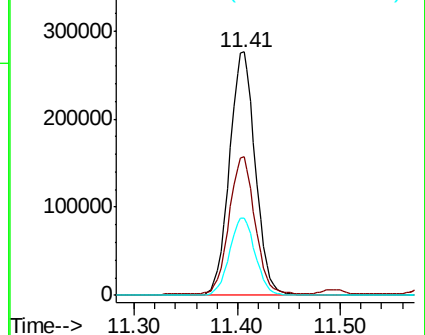
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 2.051 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN059362.D

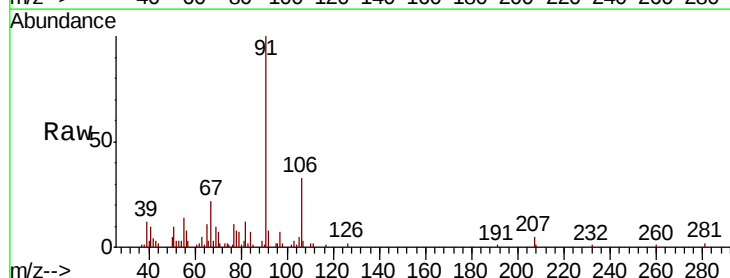
Acq: 22 Nov 2019 14:19

Tgt Ion: 91 Resp: 37890

Ion Ratio Lower Upper

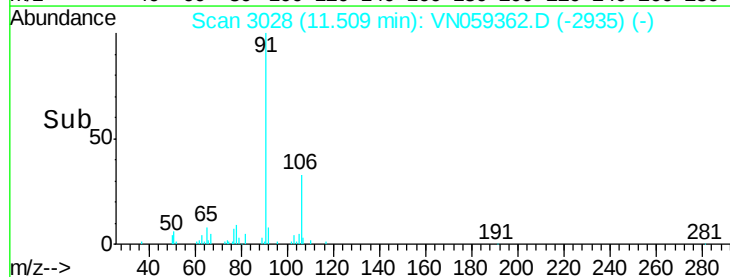
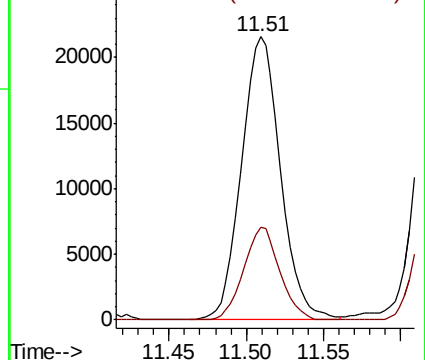
91 100

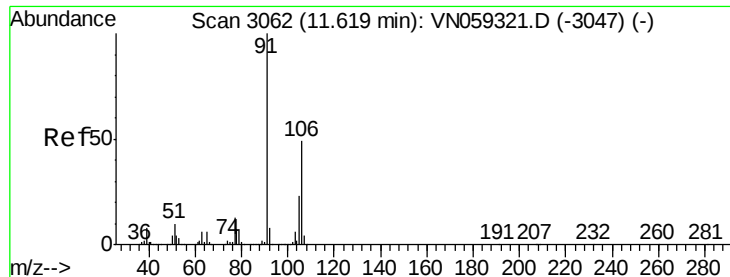
106 32.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 4.609 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

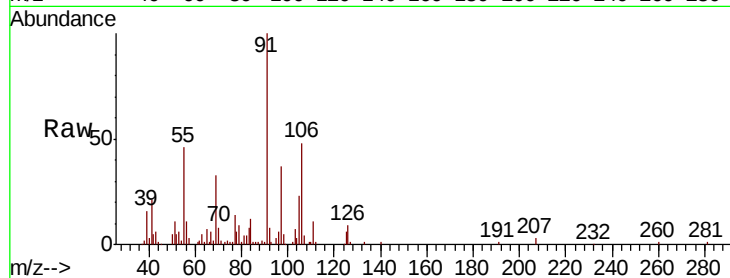
MW-1-(17-20)MEDL

Tot Ion:106 Resp: 31644

Ion Ratio Lower Upper

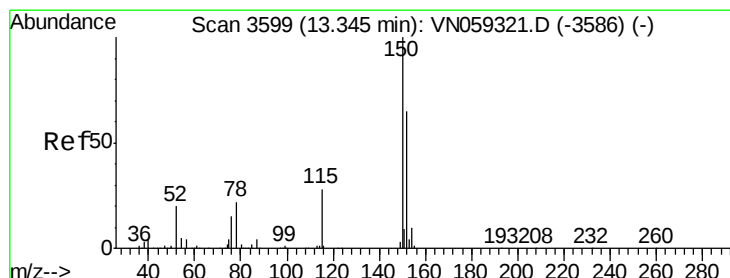
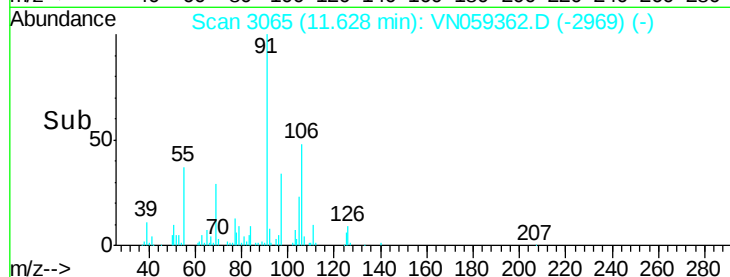
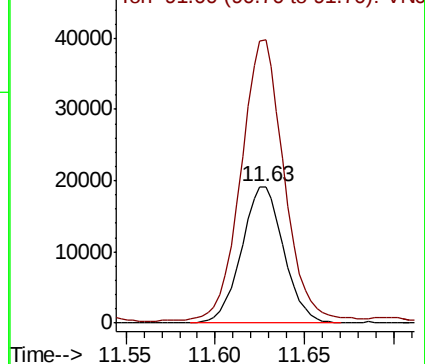
106 100

91 211.7 163.2 244.8



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: VN059362.D

Acq: 22 Nov 2019 14:19

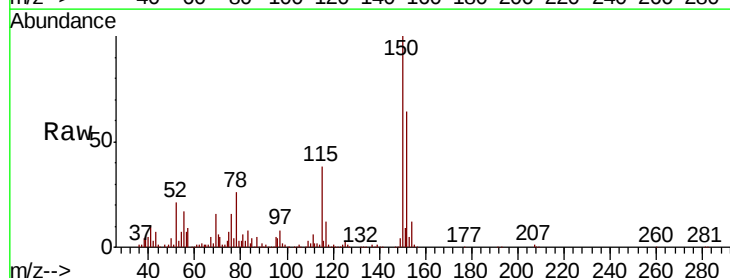
Tgt Ion:152 Resp: 214039

Ion Ratio Lower Upper

152 100

115 63.1 29.3 88.0

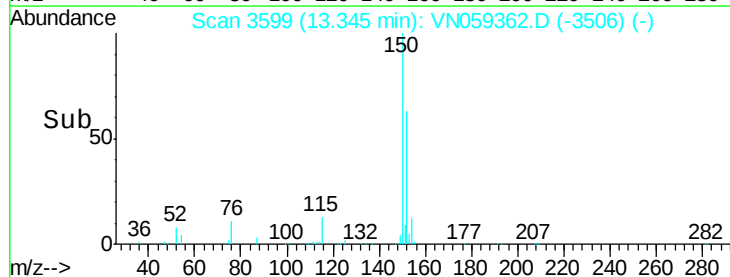
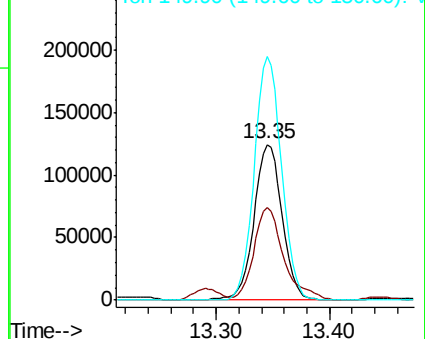
150 152.1 0.0 346.0

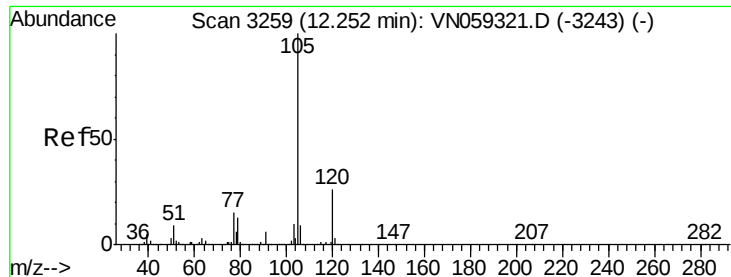


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.292 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

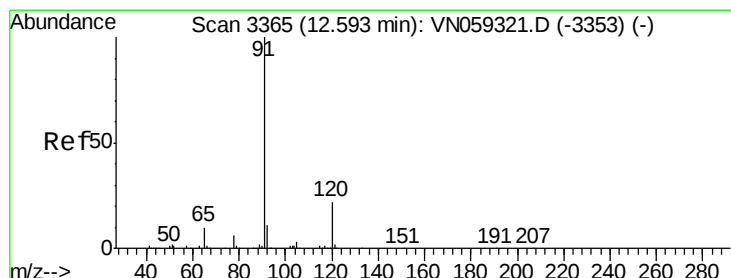
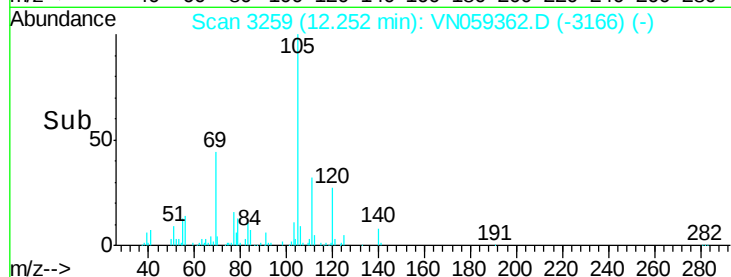
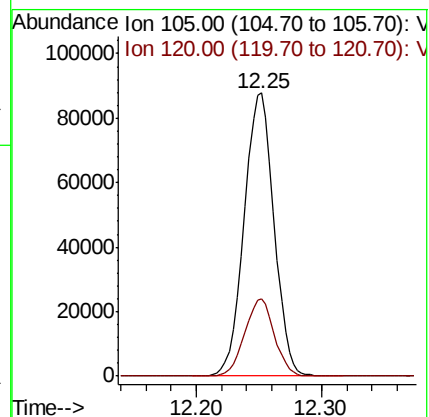
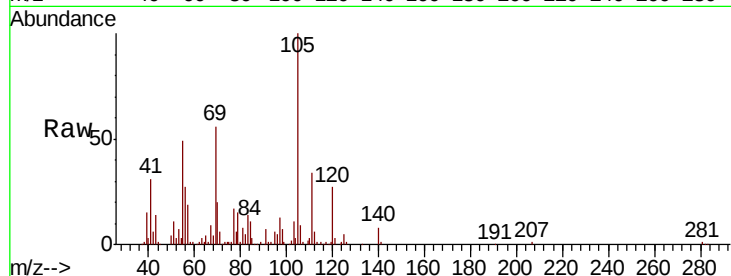
MW-1-(17-20)MEDL

Tot Ion: 105 Resp: 145388

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3



#78

n-propylbenzene

Concen: 22.417 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN059362.D

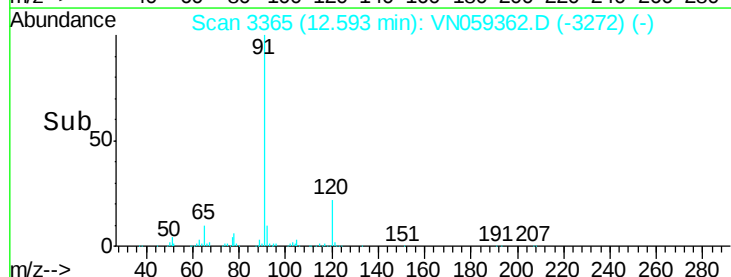
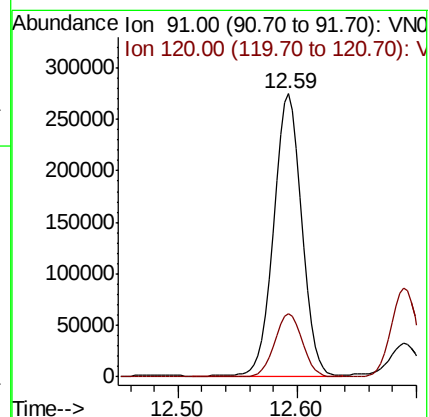
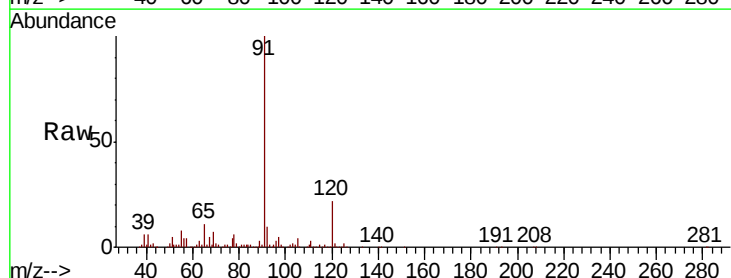
Acq: 22 Nov 2019 14:19

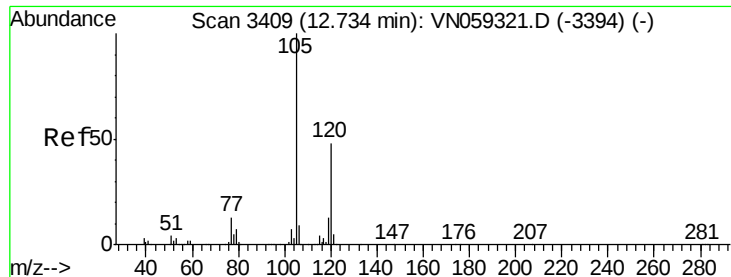
Tgt Ion: 91 Resp: 445235

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 31.113 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.05 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

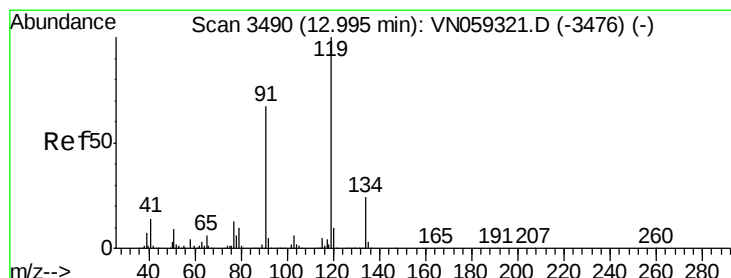
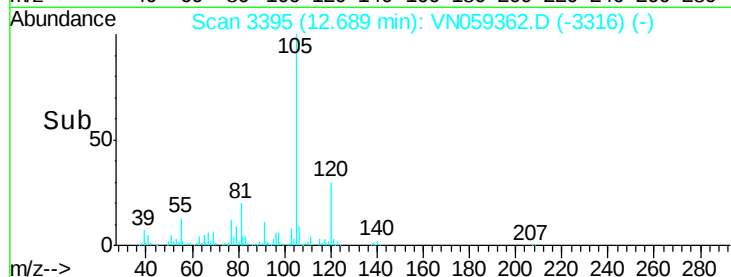
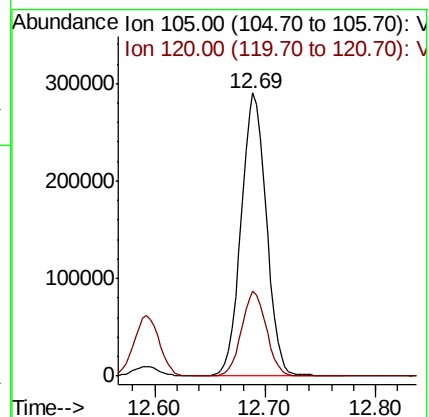
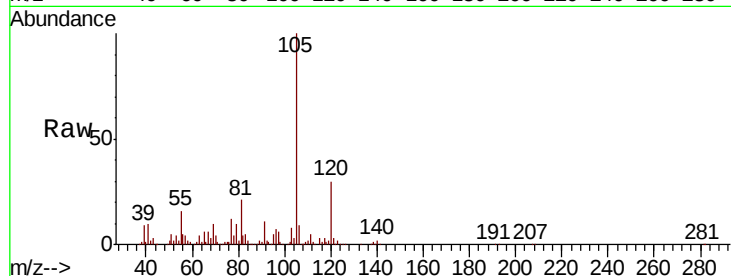
MW-1-(17-20)MEDL

Tot Ion:105 Resp: 458590

Ion Ratio Lower Upper

105 100

120 29.7 24.1 72.4



#83

tert-Butylbenzene

Concen: 2.194 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

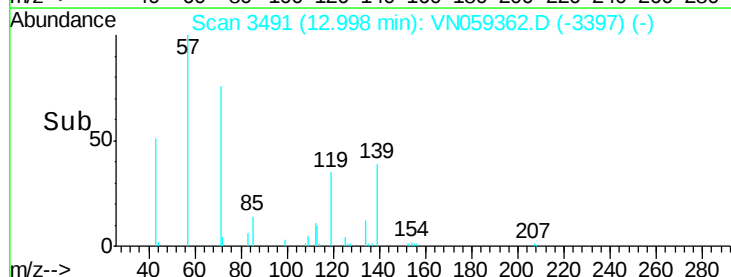
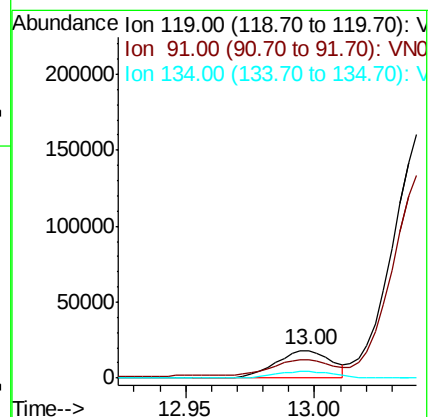
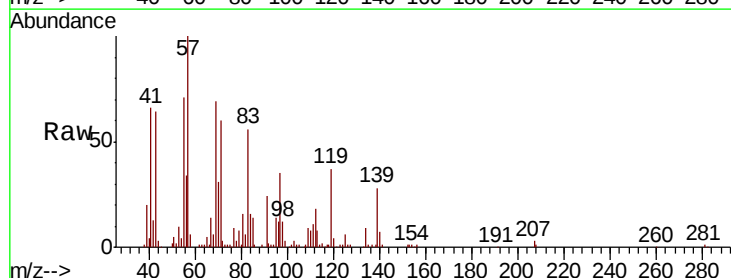
Tgt Ion:119 Resp: 27314

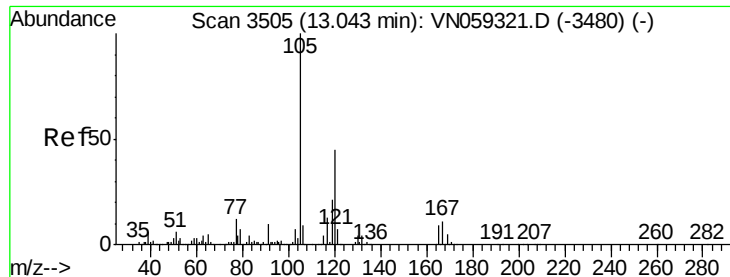
Ion Ratio Lower Upper

119 100

91 56.9 32.8 98.4

134 25.8 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 144.236 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN059362.D

Acq: 22 Nov 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

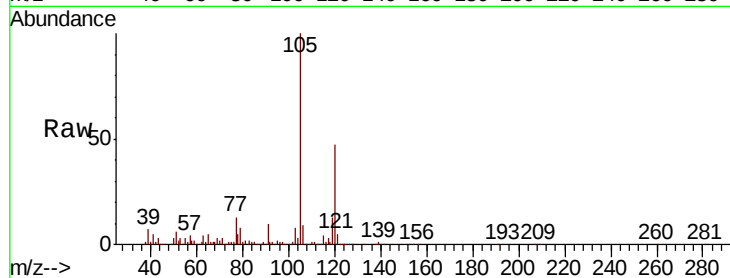
MW-1-(17-20)MEDL

Tot Ion:105 Resp: 2082542

Ion Ratio Lower Upper

105 100

120 46.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

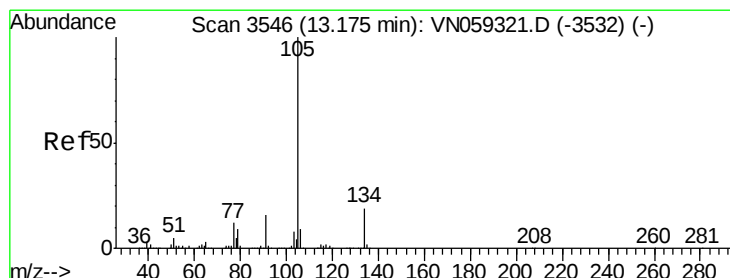
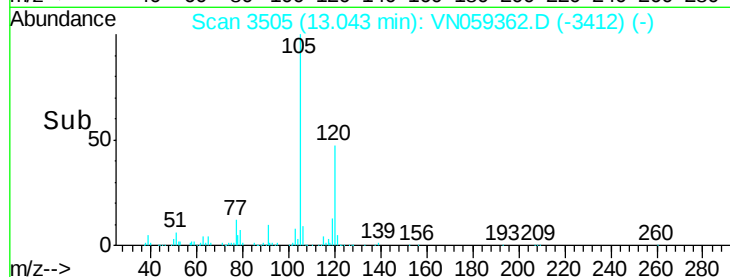
1500000

1000000

500000

0

Time--> 12.90 13.00 13.10



#85

sec-Butylbenzene

Concen: 14.029 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059362.D

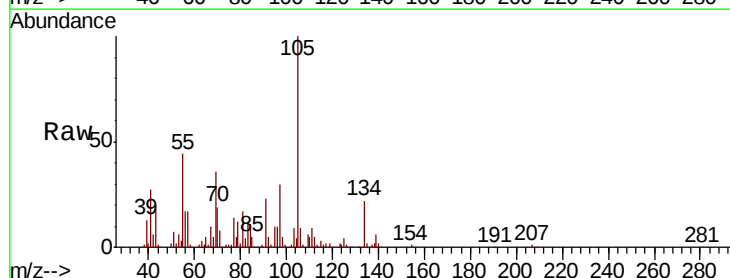
Acq: 22 Nov 2019 14:19

Tgt Ion:105 Resp: 234730

Ion Ratio Lower Upper

105 100

134 31.5 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

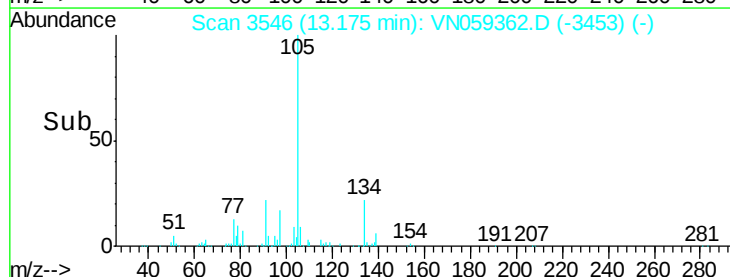
150000

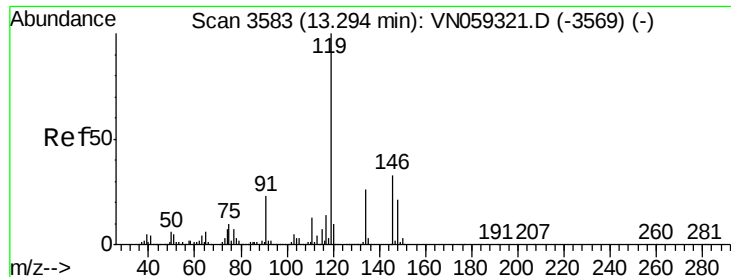
100000

50000

0

Time--> 13.10 13.15 13.20 13.25

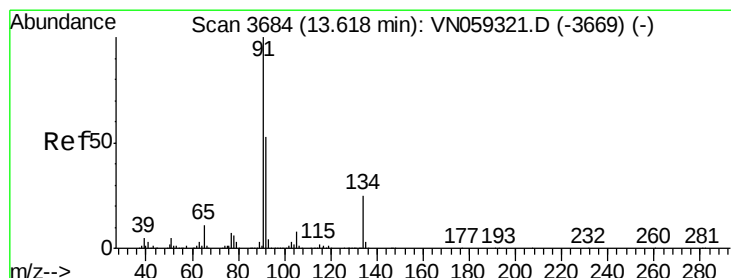
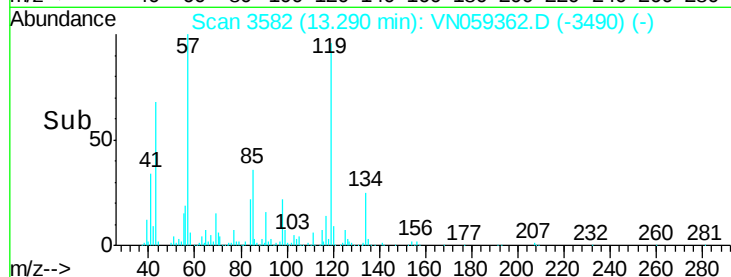
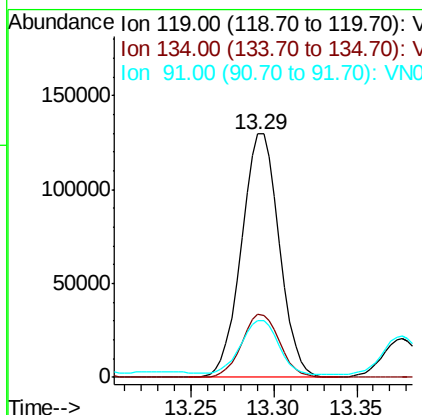
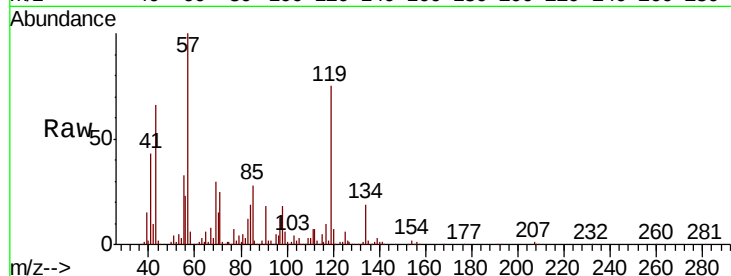




#86
p-Isopropyltoluene
Concen: 13.721 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059362.D
Acq: 22 Nov 2019 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1-(17-20)MEDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	22.8	11.6	34.7



#89
n-Butylbenzene
Concen: 17.274 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059362.D
Acq: 22 Nov 2019 14:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	26.0	78.0
134	0.0	12.7	38.1

