

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076327.D
 Acq On : 19 Jan 2023 16:55
 Operator : JC\MD
 Sample : 01221-01DL 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0118DL

Quant Time: Jan 20 00:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	399186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	619169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203339	45.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.980%
35) Dibromofluoromethane	8.177	113	185333	47.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.571	98	703054	49.151	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.853	95	227897	48.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%

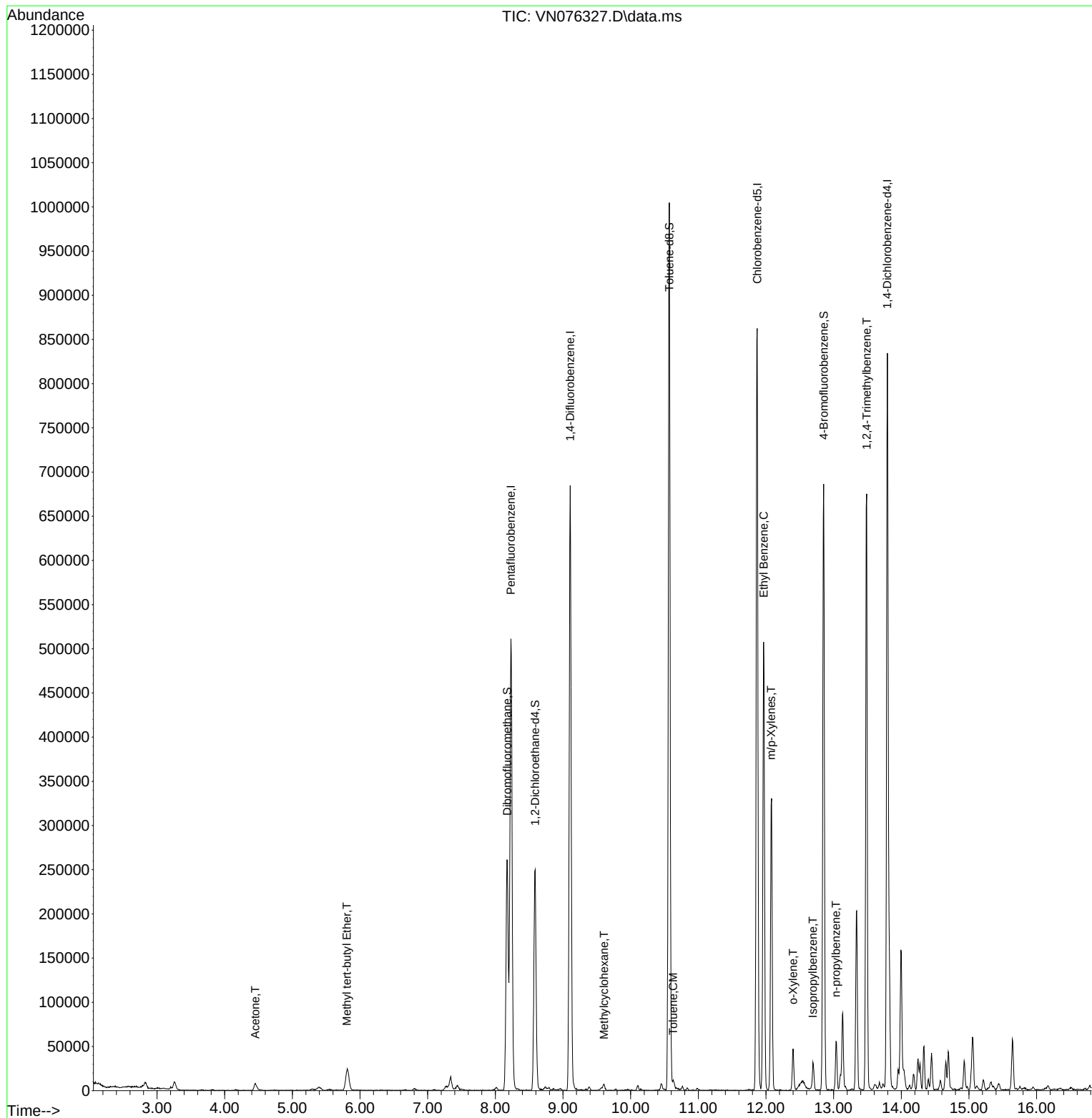
Target Compounds						Qvalue
16) Acetone	4.453	43	14009	9.707	ug/l #	84
19) Methyl tert-butyl Ether	5.806	73	38903	3.125	ug/l #	91
39) Methylcyclohexane	9.606	83	3059	0.455	ug/l #	70
52) Toluene	10.630	92	3457	0.314	ug/l	92
67) Ethyl Benzene	11.965	91	384467	19.788	ug/l	100
68) m/p-Xylenes	12.076	106	102536	13.161	ug/l	99
69) o-Xylene	12.400	106	13130	1.716	ug/l	96
73) Isopropylbenzene	12.694	105	20718	1.166	ug/l	97
78) n-propylbenzene	13.035	91	45662	2.278	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	394882	26.460	ug/l	98

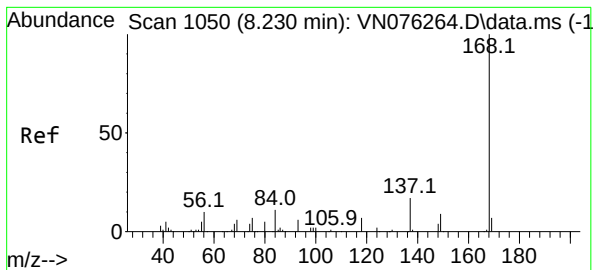
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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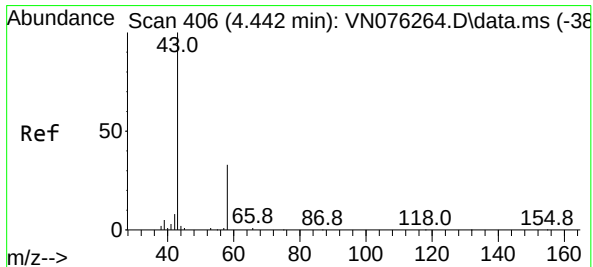
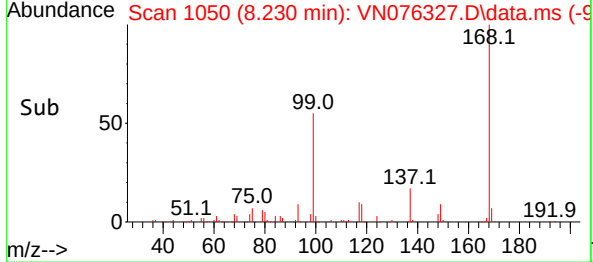
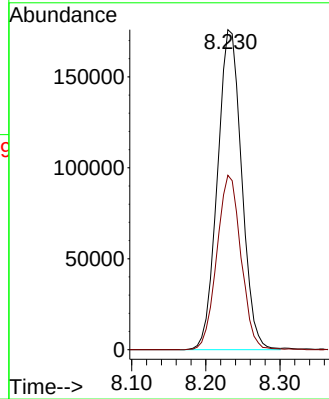
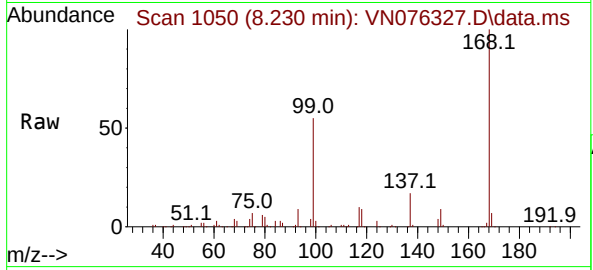




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

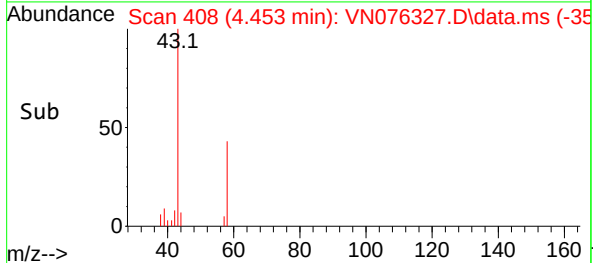
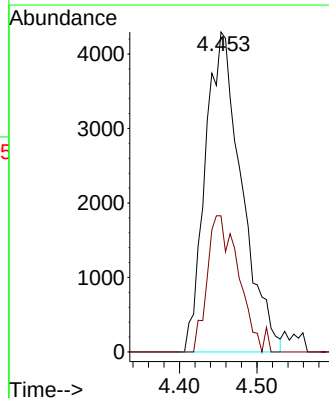
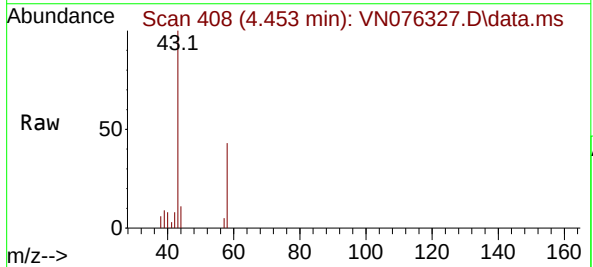
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118DL

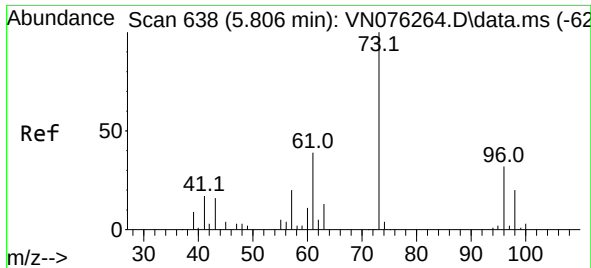
Tgt Ion:168 Resp: 399186
Ion Ratio Lower Upper
168 100
99 54.5 41.6 62.4



#16
Acetone
Concen: 9.707 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Tgt Ion: 43 Resp: 14009
Ion Ratio Lower Upper
43 100
58 42.6 26.7 40.1#

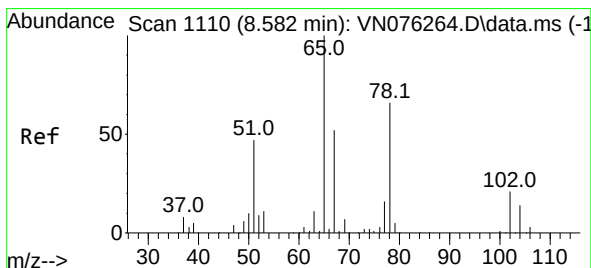
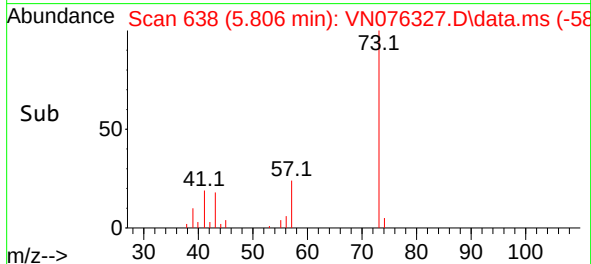
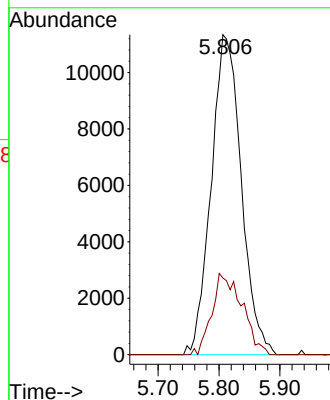
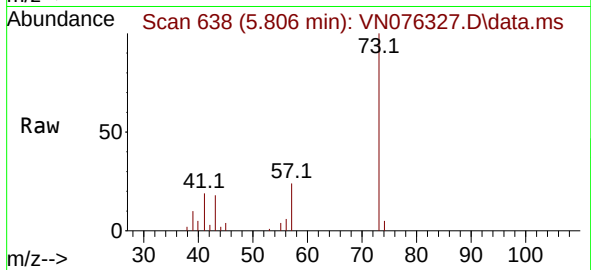




#19
Methyl tert-butyl Ether
Concen: 3.125 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

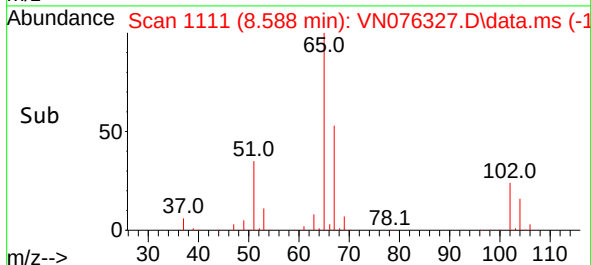
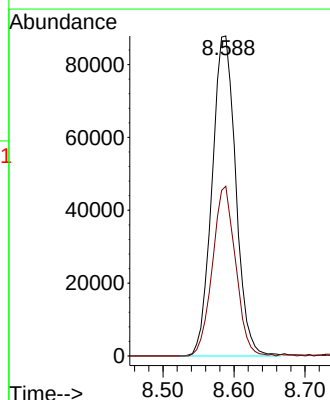
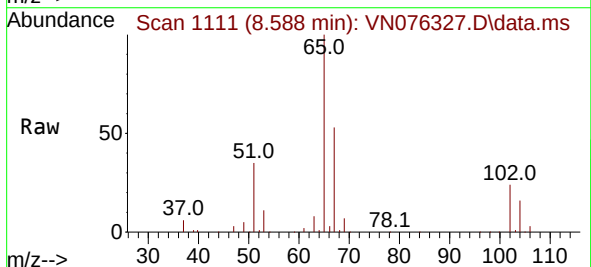
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118DL

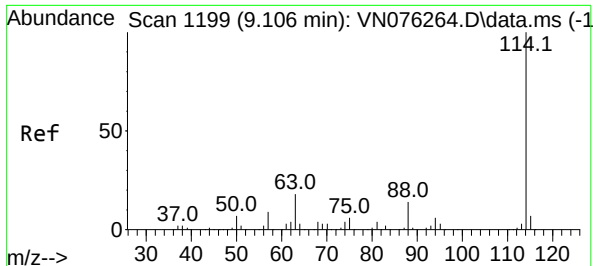
Tgt Ion: 73 Resp: 38903
Ion Ratio Lower Upper
73 100
57 23.9 15.9 23.9#



#33
1,2-Dichloroethane-d4
Concen: 45.494 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Tgt Ion: 65 Resp: 203339
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076327.D

Acq: 19 Jan 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118DL

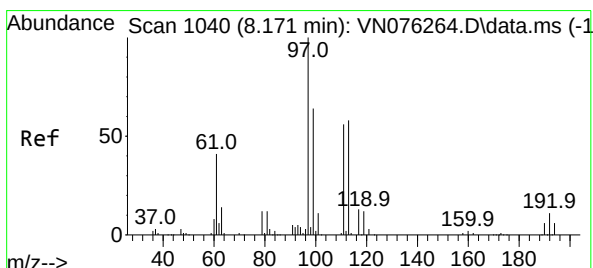
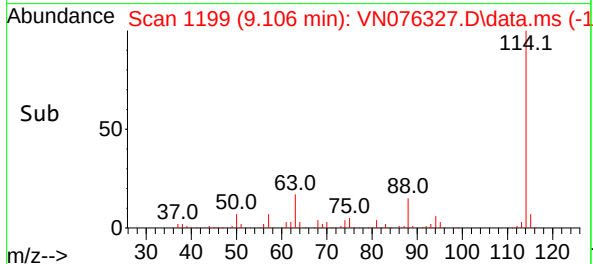
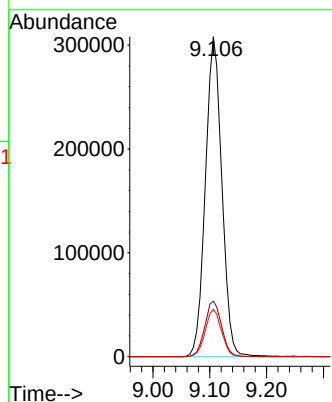
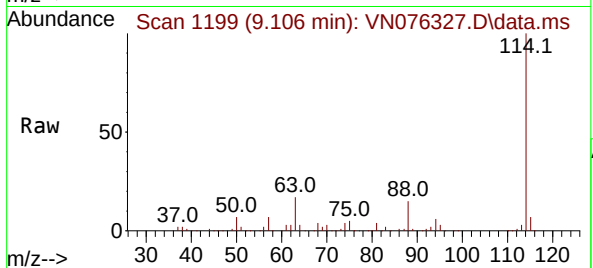
Tgt Ion:114 Resp: 619169

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.851 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076327.D

Acq: 19 Jan 2023 16:55

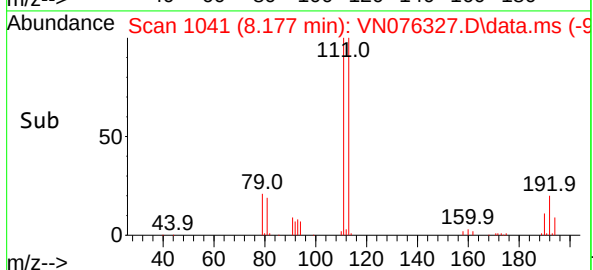
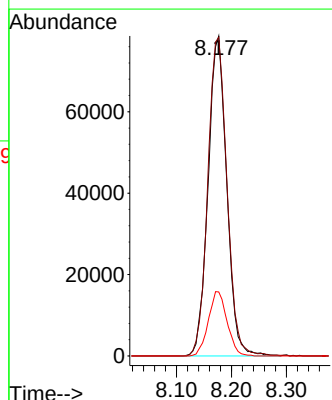
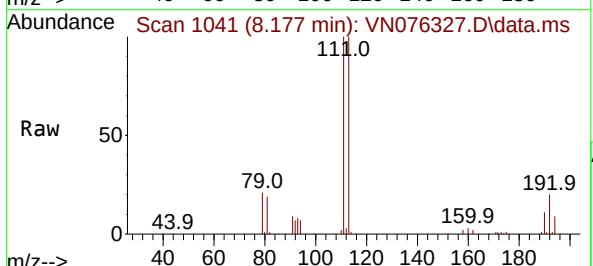
Tgt Ion:113 Resp: 185333

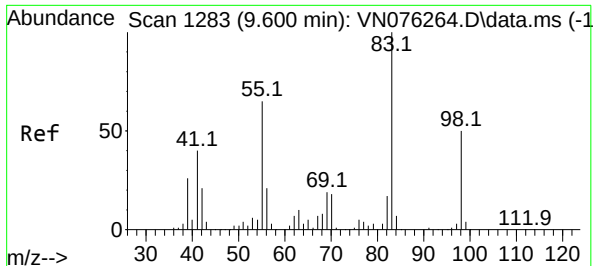
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 20.2 15.6 23.4





#39

Methylcyclohexane

Concen: 0.455 ug/l

RT: 9.606 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VN076327.D

Acq: 19 Jan 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118DL

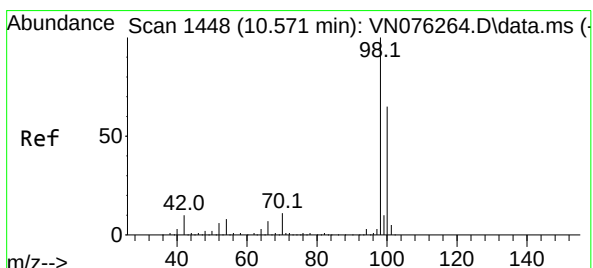
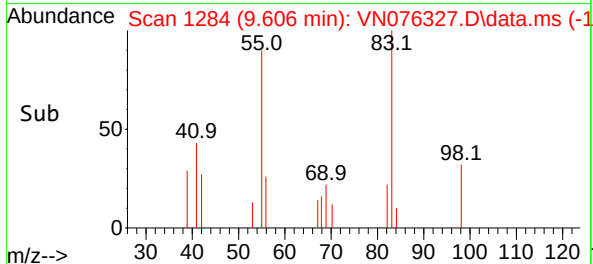
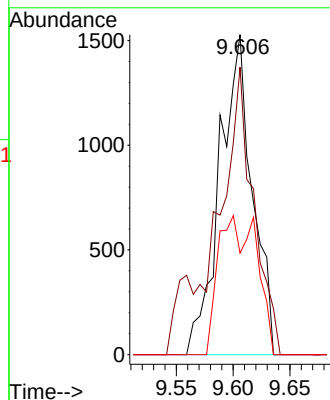
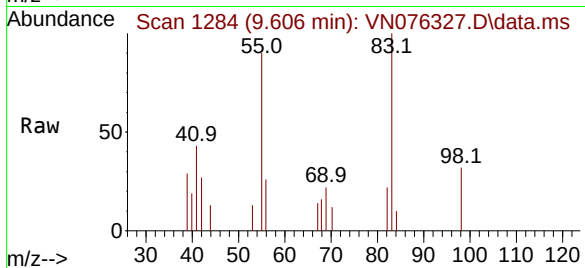
Tgt Ion: 83 Resp: 3059

Ion Ratio Lower Upper

83 100

55 89.9 51.7 77.5#

98 31.7 40.0 60.0#



#50

Toluene-d8

Concen: 49.151 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076327.D

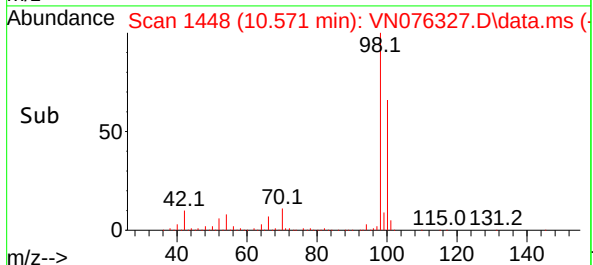
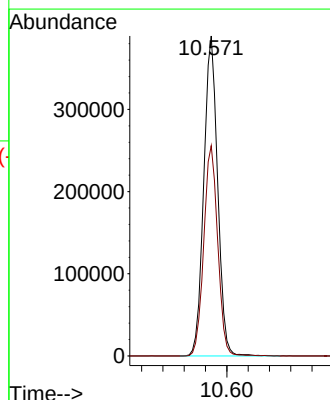
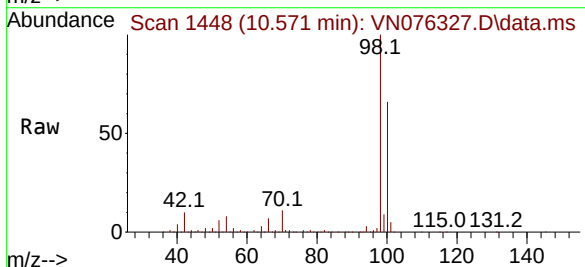
Acq: 19 Jan 2023 16:55

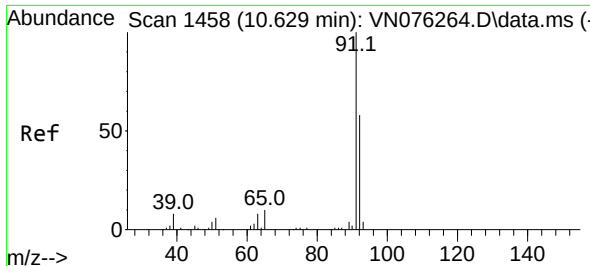
Tgt Ion: 98 Resp: 703054

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4

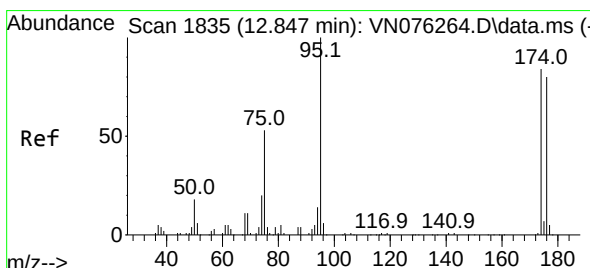
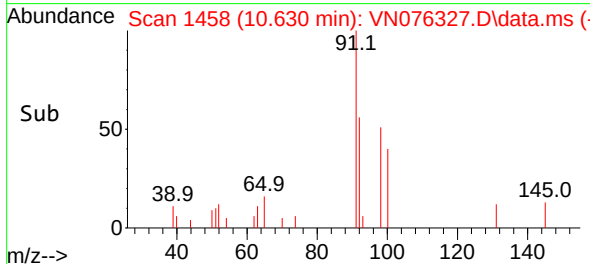
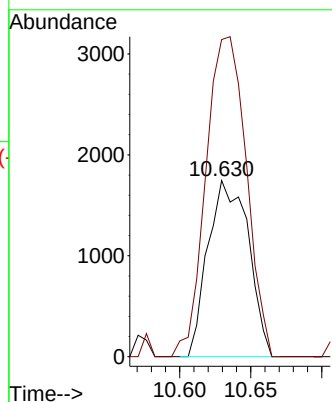
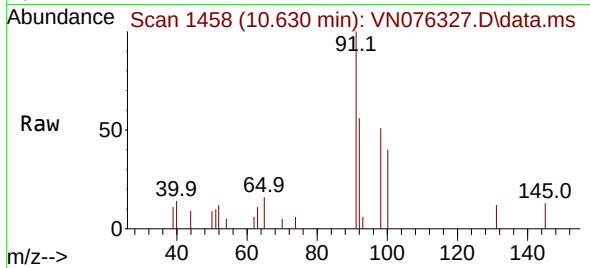




#52
Toluene
Concen: 0.314 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

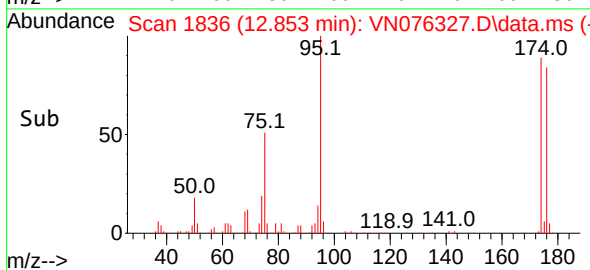
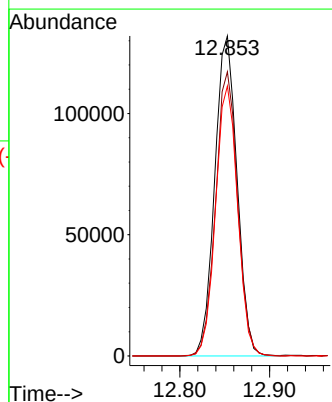
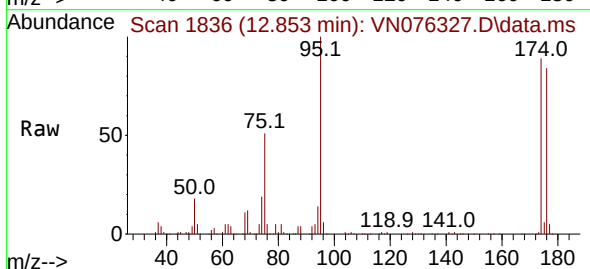
Instrument :
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MW-10-0118DL

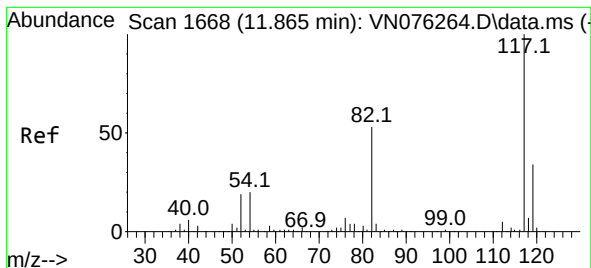
Tgt Ion: 92 Resp: 3457
Ion Ratio Lower Upper
92 100
91 181.7 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 48.804 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Tgt Ion: 95 Resp: 227897
Ion Ratio Lower Upper
95 100
174 87.6 0.0 174.6
176 83.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076327.D

Acq: 19 Jan 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118DL

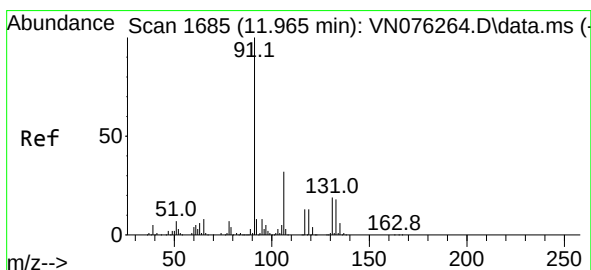
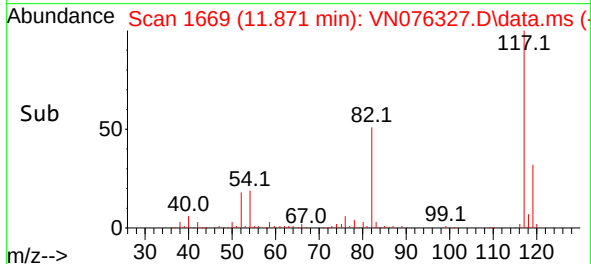
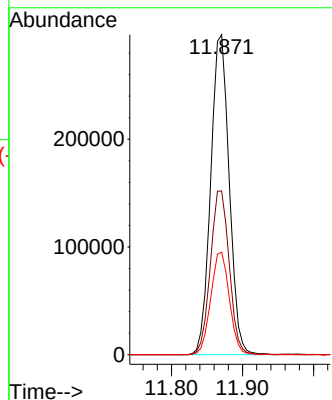
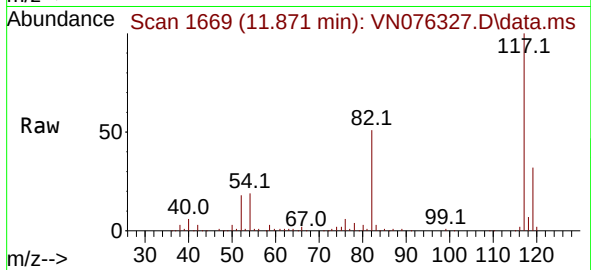
Tgt Ion:117 Resp: 537045

Ion Ratio Lower Upper

117 100

82 51.2 42.2 63.2

119 32.0 26.9 40.3



#67

Ethyl Benzene

Concen: 19.788 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN076327.D

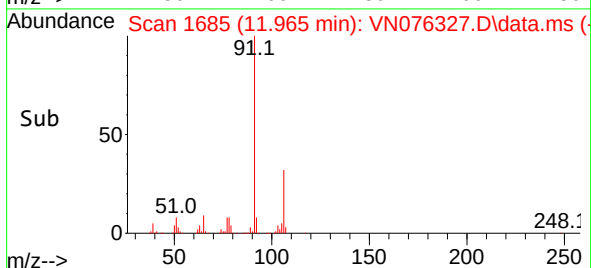
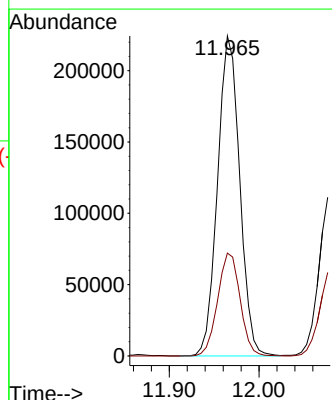
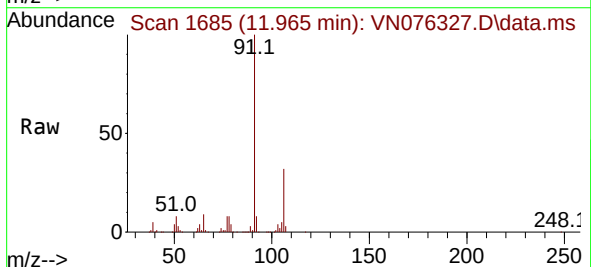
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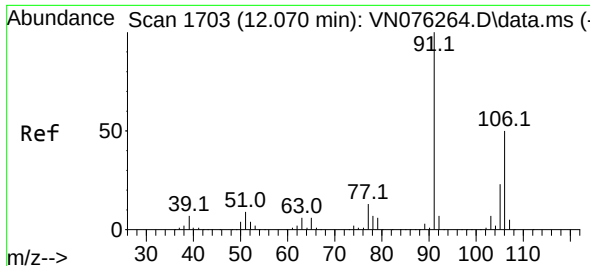
Tgt Ion: 91 Resp: 384467

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3

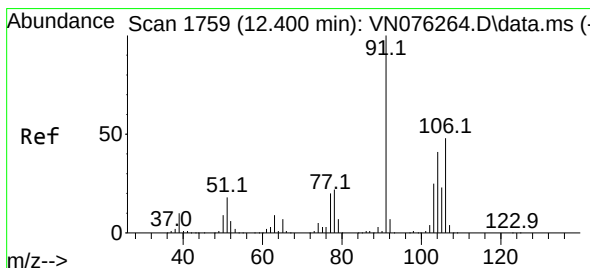
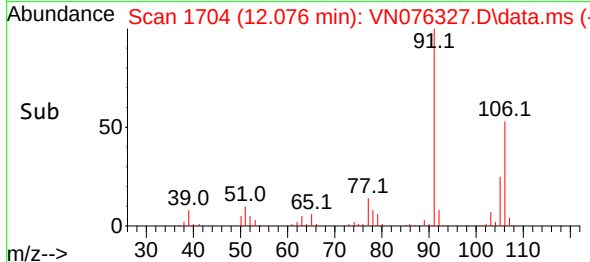
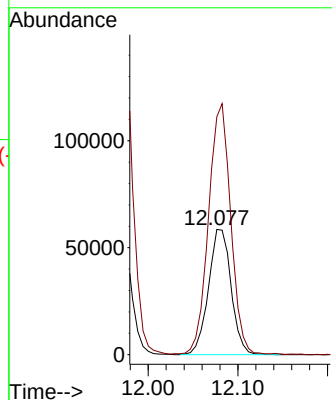
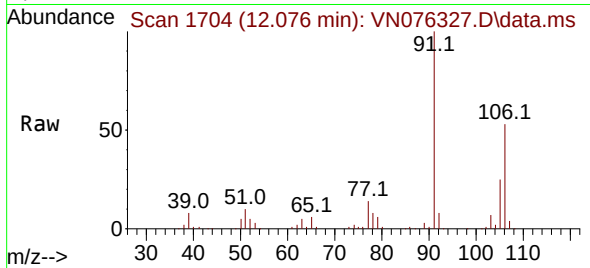




#68
m/p-Xylenes
Concen: 13.161 ug/l
RT: 12.076 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

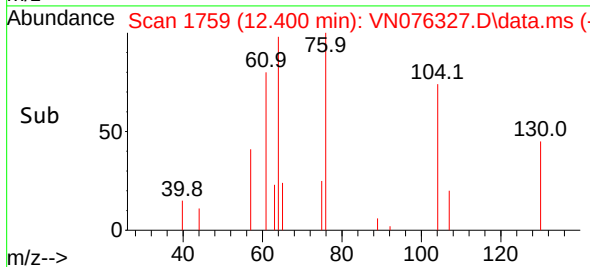
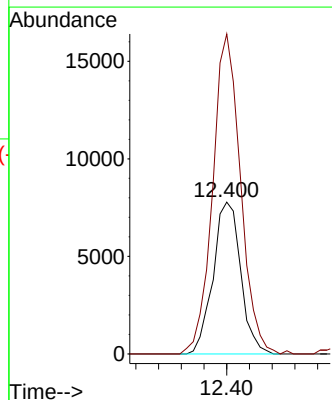
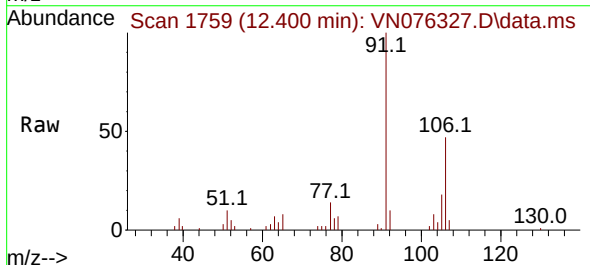
Instrument :
MSVOA_N
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MW-10-0118DL

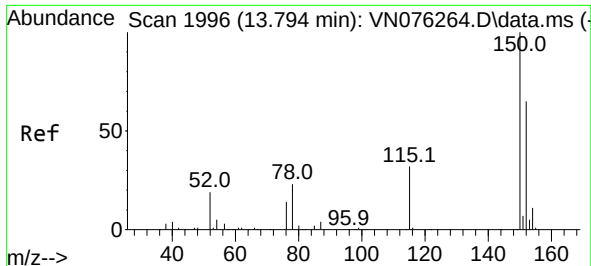
Tgt Ion:106 Resp: 102536
Ion Ratio Lower Upper
106 100
91 195.1 157.5 236.3



#69
o-Xylene
Concen: 1.716 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Tgt Ion:106 Resp: 13130
Ion Ratio Lower Upper
106 100
91 213.0 103.2 309.4

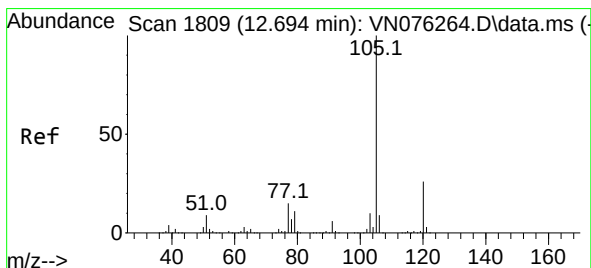
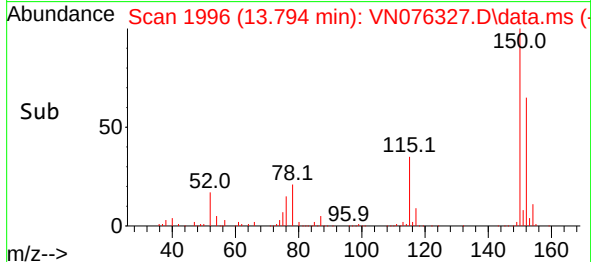
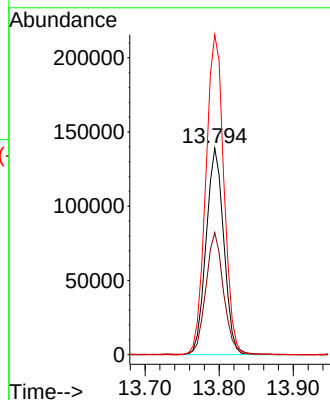
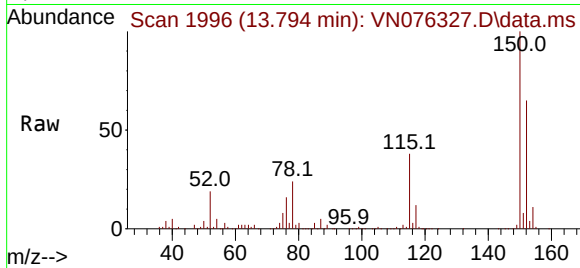




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076327.D
 Acq: 19 Jan 2023 16:55

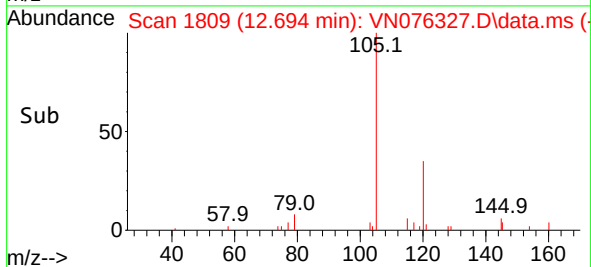
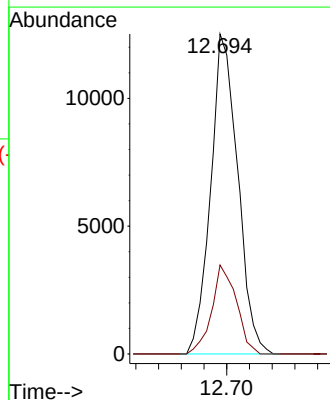
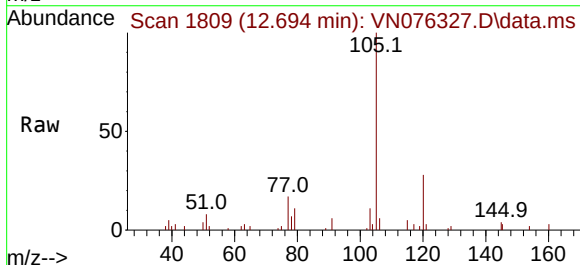
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 MSVOA_N
 ClientSampleId :
 MW-10-0118DL

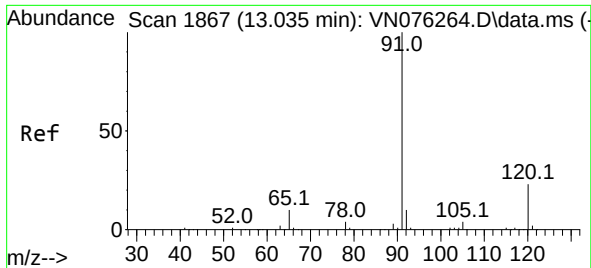
Tgt Ion:152 Resp: 229642
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.6 88.9
 150 159.0 0.0 351.4



#73
 Isopropylbenzene
 Concen: 1.166 ug/l
 RT: 12.694 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VN076327.D
 Acq: 19 Jan 2023 16:55

Tgt Ion:105 Resp: 20718
 Ion Ratio Lower Upper
 105 100
 120 25.3 13.4 40.1

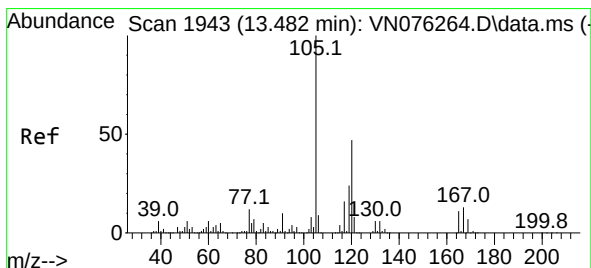
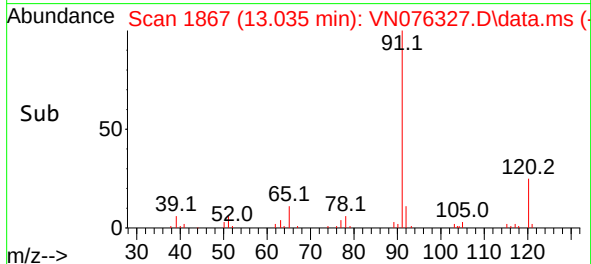
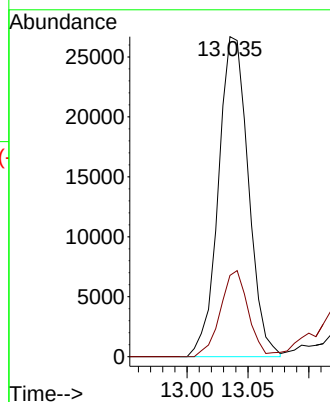
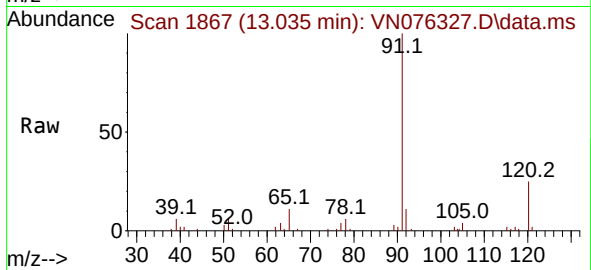




#78
n-propylbenzene
Concen: 2.278 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118DL

Tgt Ion: 91 Resp: 45662
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 26.460 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076327.D
Acq: 19 Jan 2023 16:55

Tgt Ion: 105 Resp: 394882
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.5

